

**HANOI MEDICAL UNIVERSITY  
CENTER FOR HEALTH SYSTEM RESEARCH**

**Project: “Promoting universal health care through improving health system research to support  
evidence based health policy-making in Viet Nam”**

*(Funded by Rockefeller Foundation and China Medical Board)*

**PROGRESSREPORT**

*From January to December, 2012*

**DECEMBER – 2012**

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## 1 BACKGROUND

The Center for Health System Research (CHSR), Hanoi Medical University was established in January 2011 with the financial support from Rockefeller Foundation and China Medical Board. The vision of the Center is to become a leading training and research institution in health system research in Vietnam and in the region in order to promote the achievements of HEALTH FOR ALL in the country as well as in the region.

The mission of the Center is to promote the development of health care in Vietnam which are responsive, affordable and accessible to all and at all places at all times by working closely together with all involved stakeholders of the health care systems (including policy makers, managers, health personnel, academic staffs and scientists, media and the general public).

The objectives of the Center are:

- To strengthen capacity of key stakeholders of the health care system in Vietnam in terms of health system research methods;
- To generate reliable research evidences on different aspects of health system (focusing on critical problems of health care system such as the expansion of health insurance coverage, impacts of health insurance reforms, equity and efficiency in health care services, etc.);
- To facilitate use of research evidences by health policy makers, managers and health staffs at all level in Vietnam
- To serve as knowledge centres for health system research methodology as well as a hub for activities of different health system stakeholders in Vietnam.

The project's activities will focus on establishing and developing the institutional infrastructure of the Center. There are 5 main groups of project activities: 1) Establishing the Center; 2) Capacity building; 3) Networking; 4) Dissemination; 5) Monitoring and Evaluation.

This report will reflect activities implemented in 2012 and key planned activities for the next six months of 2013.

## 2 COMPLETED AND ONGOING ACTIVITIES

### 2.1 Establishing the Center

- Recruitment: A medical doctor with Master of Public Health at Bergen University of Norway was recruited as a researcher for the Center in January 2012. A Bachelor of Arts with Master degree in economics was recruited as a researcher in September 2012, and another Bachelor of Arts was recruited as a project assistant in November 2012. In addition, some lecturers/researchers from Hanoi Medical University and other institutions (e.g. Assoc. Prof. Luu Ngoc Hoat, Assoc. Prof. Kim BaoGiang, Dr. Pham NganGiang, Dr. Nguyen Van Huy) and from international organizations (Assoc. Prof. Arthorn, Assoc. Prof. Young, Dr. Jui-Chen Yang, Dr. Philip Nasca) were invited as guest researchers to work in several activities of the Center.
- Library and database setting: Continue collecting and purchasing relevant books, scientific journals, and reports to the Center's library. As of December 2012, there are more than 200 books, scientific journals and reports available in the library.
- Maintaining the Center's website: The website ([www.chsr.org.vn](http://www.chsr.org.vn)) is updated very often with relevant information about training courses, researches, workshops.

## 2.2 Training activities

During 2012, the Center organized 05 training courses. Titles and details of those training courses list as follows:

- To 1. Training course on “Methods for developing health research proposal”, 4-days training course in March, 2012 at Hanoi Medical University. The objectives of the course were to identify the most appropriate study design for the research proposal and to determine key contents of a health research proposal and to develop a preliminary health research proposal. Facilitators were Assoc. Prof. Kim BaoGiang from Institute for Preventive Medicine and Public Health, Hanoi Medical University. About 30 participants who were lecturers, researchers and postgraduate and undergraduate students from faculties/centers of Hanoi Medical University, provincial and district hospitals, national scientific institutes attended the course. The course successfully provided participants basic knowledge on study designs and some practical exercises to develop research proposals.
- To 2. Training course “Health Economic Evaluation: Using the TreeAge software”, 3-days training course in April, 2012 at Hanoi Medical University. The objectives of the course were to provide participants with knowledge on health economic evaluation and application of TreeAge software programs in health researches. A facilitator was Dr. Pham HuyTuan Kiet from the Unit of Health Economics of Institute for Preventive Medicine and Public Health, Hanoi Medical University. About 40 participants who were lecturers, researchers and postgraduate and undergraduate students from MOH, faculties/centers of Hanoi Medical University, Hanoi School of Public Health, provincial and district hospitals, national scientific institutes and NGOs attended the course. The course successfully provided participants common concepts of health economic evaluations and practical examples that used the TreeAge software to develop health economic models and simulations. After the course, participants were also able to develop a simple model for cost-effectiveness analysis.
- To 3. Training course “Health Economic Evaluation: From Theory to Practice”, 2-days training course in May, 2012 at Hanoi Medical University. The objectives of the course were to provide participants with overview of health economics evaluation and could conduct a health economic evaluation employing decision tree modeling approach. A facilitator was Assoc. Prof. Arthorn Rewpaiboon from Mahidol University, Thailand. About 40 participants who were lecturers, researchers and postgraduate and undergraduate students from MOH, faculties/centers of Hanoi Medical University, Hanoi School of Public Health, provincial and district hospitals, national scientific institutes, CDC and NGOs attended the course. The course successfully provided participants overview of concepts and economic evaluation methods, cost measurement, cost-effectiveness analysis, cost-benefit analysis, budget impact analysis and sensitivity analysis. Particularly, participants had chances to practise on real data of a case study of economic analysis of rotavirus vaccination in Thailand.
- To 4. Training course “The basics of Discrete-Choice Experiments/Conjoint Analysis method”, 2-days training course in October, 2012 at Hanoi Medical University. The objectives of the course were to introduce participants about the use of discrete-choice experiment (DCE) methods to elicit household and/or individual preferences for health services and/or health outcomes. A facilitator was Dr. Jui-Chen Yang from Health Preference Assessment, RTI Health Solutions, USA. About 10 participants, who are lecturers, staffs and students from Hanoi Medical University, HaiPhong Medical University, Thai Nguyen Medical University, Ho Chi Minh University of Medicine and Pharmacy, Hanoi School of Public Health and Tay Nguyen Medical University, attended the course. The course successfully provided the participants with some of the various benefits of DCE/CA methods, including identifying/valuing relevant service features/health outcomes, estimating benefit-risk trade-offs, measuring willingness to pay, and estimating uptake.

- To 5. Training course “Application of Propensity Score Matching (PSM) for Impact Evaluations of Projects and Interventions”, 2-days training course in December, 2012 at Hanoi Medical University. The objectives of the course were to provide participants with basic theories of PSM method as well as how to apply this method for impact evaluations of intervention projects. A facilitator was Dr. Nguyen Van Huy from Hanoi Medical University. About 20 participants who were lecturers, researchers, students from Hanoi Medical University, National Institute of Hygiene and Epidemiology and other local research organizations attended the course. The course successfully provided participants with basic theories for impact evaluations of intervention projects. The participants also were practiced to analyze real data by using Stata statistical software version 10.

## 2.3 Research activities

### 2.3.1 Completed researches conducted by the Center

- Rc 1. “Social Health Insurance: Covering HIV/AIDS. Current state of play in Vietnam”. Dr. Vu Duy Kien, with support from Assoc. Prof. Hoang Van Minh, developed and completed this study. The study’s aims were to review and write reports about current legal documents, completed and ongoing researches on health financing (focus more on health insurance) related to people living with HIV/AIDS, the poor and near poor. The study was implemented from June to August 2012 with financial support from the Abt. Associates organization.
- Rc 2. “The cost of providing HIV/AIDS counseling and testing services”: The study was conducted in Thai Nguyen province in 2010 and by researchers from CHSR, Institute of Preventive Medicine and Public Health (Hanoi Medical University), and the Medical Committee Netherlands-Viet Nam. The study was supported by the Evidence-based Planning and Management Project.
- Rc 3. “Case study on capacity of primary care in Vietnam for prevention and management of non-communicable diseases: A building-block analysis”: The study was conducted in Thai Nguyen province in 2011 and by researchers from CHSR (Hanoi Medical University) and the Program in Health Services and Systems Research, Duke-NUS Graduate Medical School Singapore, Singapore. The article was recently submitted to the international peer-reviewed journal (*The international journal of health planning and management*).
- Rc 4. “Assessing the household financial burden associated with the chronic non-communicable diseases in a rural district of Vietnam”: The study was carried out in Vo Nhai district, Thai Nguyen province in 2010. The study was collaboration between CHSR with Institute of Preventive Medicine and Public Health (Hanoi Medical University). The article was online published in December 2012, Global Health Action journal.
- Rc 5. “Financial burden of household out-of pocket health expenditure in Viet Nam: findings from the National Living Standard Survey 2002-2010”: Data used in this research were obtained from a nationally representative household survey, Viet Nam Living Standard Survey 2002, 2004, 2006, 2008 and 2010. The study was conducted by collaborators from CHSR (Hanoi Medical University), WHO in Vietnam, Switzerland, and The Philippines. The article was categorized as article in press and was online published in December 2012, Social Science and Medicine Journal.

### 2.3.2 Ongoing researches conducted by the Center

- Ro 1. Costing study for the project “Improving infant and young child-feeding (IYCF) practices” of Alive & Thrive (A&T) organization (A&T is an initiative funded by the Bill & Melinda Gates Foundation to reduce under nutrition and death caused by suboptimal IYCF practices in Viet Nam, Bangladesh, and Ethiopia from 2009 to 2013). All organizations involved in implementing A&T program were surveyed (in Thai Nguyen, Thanh Hoa, Quang Tri, Quang Nam, Khanh Hoa

and Vinh Long province). They include A&T teams from various administrative levels, implementing organization and involved government agencies. The on-going study was conducted with researchers from CHSR (Hanoi Medical University) and A&T MLE team in Vietnam

- Ro 2. “Capacity of primary health system in response to floods in PhuVang and PhongDien district, ThuaThien Hue province”: The study was conducted in 06 communes of 02 districts of PhuVang and PhongDien, ThuaThien Hue province. Data collection has been recently completed. The study was collaboration between CHSR (Hanoi Medical University) with SIDA project (Hanoi Medical University). The study was sponsored by SIDA.

### 2.3.3 Under-development researches

- Ru 1. “Patterns and social determinants of inequalities in health and health care among urban populations in Vietnam”.The objective of the research is to generate reliable scientific evidence on the patterns and social determinants of inequities in health and health care in urban setting of Vietnam.The study will be conducted at 4 urban districts of Hanoi. It is expected that the study will be conducted data collection around January and February, 2013.
- Ru 2. “Feasibility and cost of implementing the WHO package of essential NCD interventions (WHO PEN) for chronic disease prevention and control in the Vietnam primary health care system”: Phase 2 Study for NCD HSS in Vietnam.

## 2.4 Capacity building for the Center

### 2.4.1 Degree training

The Center's staffs participated in 17 training courses(*"Tp" in short*) during 2012, as follows:

- Tp 1. Using logistic regression method in scientific researches, organized by Hanoi School of Public Health, Hanoi, in March 2012.
- Tp 2. Statistic methods in health researches, organized by Can Tho Medical and Pharmacy University, Can Tho city, in April 2012.
- Tp 3. Economic burden of Illness, organized by Vietnam-Netherlands project, Hanoi Medical University, Vung Tau city, in May 2012.
- Tp 4. Introduction of GIS application to health research, organized by MOH, Hanoi, in June 2012.
- Tp 5. Case-mix System Payment, organized by MOH, Hanoi, in June 2012.
- Tp 6. Health Equity and Financial Protection: Measurement and Options for Reform, organized by World Bank, Hanoi, in June 2012.
- Tp 7. Data management and analysis in practice, organized by Hanoi Medical University, Hanoi Medical University, in July 2012.
- Tp 8. Apply ArcGIS10 software to health researches, organized by Hanoi Medical University, Hanoi Medical University, in August 2012.
- Tp 9. Introduction to Health Economics and Hospital Cost Accounting, organized by Hanoi Medical University/MOH/Vietnam Health Economics Association, ThanhNhan hospital – Hanoi, in August 2012.
- Tp 10. Methods for developing health research proposal, organized by Hanoi Medical University, Ha Nam Department of Health, in September 2012.
- Tp 11. Cost for health care services: Theory and Practice, organized by Hanoi Medical University, Hanoi National Economic University, in September 2012.
- Tp 12. Method for costing and estimating financial needs for HIV/AIDS prevention and control in Vietnam, organized by Hanoi Medical University/Vietnam Administration for AIDS/HIV Control (MOH), Hanoi Medical University, in September 2012.
- Tp 13. Climate change and health, qualitative and quantitative research methods, organized by Sida project – Hanoi Medical University, Hanoi Medical University, in October 2012.
- Tp 14. Scientific Writing, organized by Hanoi Medical University, Hanoi Medical University, in November 2012.
- Tp 15. Writing and reviewing for scientific papers on the Journal of Medical Research, organized by the editorial board of the Journal of Medical Research - Hanoi Medical University, Tam Dao town - VinhPhuc province, in November 2012.
- Tp 16. Health Economics: Basic concepts and application, organized by HCMC University of Medicine and Pharmacy, Ho Chi Minh City, in December 2012.

### 2.4.2 Oversea study

- 01 staff was sent to study 1-year Master's program Chulalongkorn University, Thailand in May, 2012.
- 01 staff was accepted to study 1-year Master's program at Umea University, Sweden in Sept, 2012.
- 01 staff was enrolled in PhD's sandwich program at Umea University, Sweden in November, 2012.

- 01 staff was accepted to attend a short-term training course in Switzerland.

## 2.5 Networking/dissemination activities

### 2.5.1 Workshops/conferences/seminars organized by the Center

There were 05 workshops/seminars/meetings organized (*“Wo” in short*) by the Center in 2012, as follows:

- Wo 1. Workshop “Health System Research and Health Economics”, in May 2012 at Hanoi Medical University. The workshop belonged to the session 8 of Mekong Sante scientific conference. The workshop was chaired by Prof. Pham Huy Dung, Dr. Nguyen Thi Bach Yen and Assoc. Prof. Hoang Van Minh. Participants came from different organizations of both governmental and private sectors such as Ministry of Health (MOH), medical/pharmacy universities, national scientific institutes, national, provincial and district hospital, international and local NGOs.
- Wo 2. Face-to-face meeting of Health Space in Asia (HSA- website <http://healthspace.asia/>), in May 2012, after the workshop “Health System Research and Health Economics”. Participants were HSA’s members in Vietnam (and some from other countries in the region e.g. Thailand, Laos, Cambodia). This was the first time HSA’s member to meet and discuss about their research interests.
- Wo 3. Scientific exchange seminar on “Methodology for measurement of health inequalities” and “Method for costing and estimating financial needs for HIV/AIDS prevention and control”, in August 2012 at Hanoi Medical University. Participants came from different organizations of both governmental and private sectors such as Ministry of Health (MOH), medical/pharmacy universities, national scientific institutes, national, provincial and district hospital, international and local NGOs.
- Wo 4. Workshop “Universal Health Coverage with Equity”, in September 2012 at Hanoi Medical University. The workshop was chaired by Dr. Jeanette Vega (The Rockefeller Foundation), Prof. Assoc. Nguyen DucHinh (Hanoi Medical University); Prof Pham Huy Dung (Thang Long University), MA. Nguyen Thi Kim Phuong (WHO); Ms Tran Thi Mai Oanh (Health Strategy and Policy Institute, MOH). Participants came from different organizations of both governmental and private sector such as MOH, medical/pharmacy universities, national scientific institutes, national, provincial and district hospital, international and local NGOs.
- Wo 5. Workshop “4th Asian bridges event series: Cancer prevention as challenge for global health”, in November 2012 at Hanoi Medical University. The workshop was organized by Ministry of Training and Education, Hanoi Medical University. The speaker was Prof. Harald zur Hausen, Noble medicine prize winner in 2008. Participants came from HMU lecturers and students, others from Hanoi School of Public Health, Hanoi Pharmaceutical University as well as from international and local NGOs.

### 2.5.2 Workshops/conferences/seminars participated by the Center’s staff

There were 10 workshops/conferences participated (*“Wp” in short*) by the Center’s staffs in 2012, as follows:

- Wp 1. Workshop “Sharing experiences in developing and implementing payment methods”, organized by MOH, World Bank and Joint Learning Network, VinhPhuc, in March 2012.
- Wp 2. Preparation for project of universal coverage of health insurance, organized Department of Health Insurance, MOH, in April 2012.
- Wp 3. Workshop “Costing of Health Care Services for Provider Payment”, organized by MOH, World Bank and Joint Learning Network, VinhPhuc, in June 2012.



- Wp 4. Workshop “Options for the revision of capitation payment system in Vietnam”, organized by MOH, World Bank and Joint Learning Network, VinhPhuc, in June 2012.
- Wp 5. Workshop “Health equity and financial protection: Measurement and Options for reform”, organized by World Bank, Hanoi, in June 2012.
- Wp 6. Workshop “The Health Services Costing Meeting in Kuala Lumpur”, organized by Joint Learning Network for Universal Health Coverage, Malaysia, in October 2012.
- Wp 7. International Conference “Second Global Symposium on Health System Research”, organized by Beijing University Health Science Center, International Convention Center - Beijing, China, in November 2012.
- Wp 8. Workshop “Methodology of pathway development and health care costing”, organized by Department of Planning and Finance, MOH, Do Son - HaiPhong city, in November 2012.
- Wp 9. Conference “The second health economics conference: Sustainable health financing toward universal coverage”, organized by MOH, Fortuna Hotel - Hanoi, in November 2012.
- Wp 10. Workshop “Strengthening evidence based health policy in Vietnam: Contribution of training”, organized by Institute for Health Strategy and Policy (MoH), Ha Noi, in December 2012.

## 2.6 Publications by the Center’s staff

### 2.6.1 Scientific articles

#### 2.6.1.1 Articles published in international journals:

04 research articles were online published on international journals (*“Pi” in short*): The Journal of value in health regional issues, Social science and medicine journal and Global health action journal.

- Pi 1. Minh HV, Bach TX, Mai NY, Wright P: The Cost of Providing HIV/AIDS Counseling and Testing Services in Vietnam. The journal of Value in health regional issues, 1(1):5.
- Pi 2. Minh HV, Phuong NTK, Saksena P, James CD, Xu K: Financial burden of household out-of-pocket health expenditure in Viet Nam: findings from the National Living Standard Survey 2002-2010; published on Social Science & Medicine Journal Social Science and Medicine Journal 2012, (Article in press)
- Pi 3. Minh HV, Bach TX: Assessing the household financial burden associated with the chronic non-communicable diseases in a rural district of Vietnam. Global Health Action 2012, 5(18892).
- Pi 4. Duc HA, Sabin LL, Cuong LQ, Thien DD, III RF: Potential collaboration with the private sector for the provision of ambulatory care in the Mekong region, Vietnam. Global Health Action Journal 2012, 2(10126).

#### 2.6.1.2 Articles published in national journals:

09 research articles were published on national scientific journals (*“Pn” in short*): Journal of Medical Research (Hanoi Medical University) and Journal of Practical Medicine (MOH) in May 2012.

- Pn 1. Anh HN, Minh HV, Trang NTX, Cuong NM: Cost of expanded immunization program in Thai Nguyen province. *Journal of Medical Research* 2012, 79(2):4.
- Pn 2. Anh TT, Minh HV: Assessing health economics training and research capacities in universities and research institutions in Vietnam. *Journal of Practical Medicine* 2012, 4(817):5.

- Pn 3. Chung LH, Minh HV, Tuan LT, Truong LD: Knowledge relevant to non-communicable diseases of the people in Huong Thuong commune (Dong Hy district), Thai Nguyen province. *Journal of Medical Research* 2012, 79(2):6.
- Pn 4. Huyen DTT, Minh HV, Bich PTN, Tuan LT: Patterns of illness, health service utilization and health care payment among selected informal workers in Hanoi. *Journal of Medical Research* 2012, 79(2):6.
- Pn 5. Kien VD, Minh HV: Effectiveness of 100% condom use program to prevent HIV infection for female sex workers in An Giang province. *Journal of Medical Research* 2012, 79(2):5.
- Pn 6. Long NH, Ha VN, Minh HV, Truong LD: Effectiveness of the intergrated model for prevention and control of non-communicable disease health staffs from some communes in Dong Hy district, Thai Nguyen province. *Journal of Medical Research* 2010, 79(2):2.
- Pn 7. My NTT, Minh HV, Bich PTN, Cuong NM, Truong LD: Effectiveness and costs for treatment of hypertension in Dong Hy, Thai Nguyen province. *Journal of Medical Research* 2012, 79(2):5.
- Pn 8. Thanh NH, Minh HV, Hung NV: Using CVM method to assessing willingness to pay for constructing sewer system in rural Vietnam. *Journal of Medical Research* 2012, 79(2):8.
- Pn 9. Tuan NT, Minh HV, Cuong NM, Truong LD: Hypertension and risk factors in the group aged from 40 to 79 years old in Yen Do commune, Phu Luong district, Thai Nguyen province. *Journal of Practical Medicine* 2012, 4(817).

#### 2.6.1.3 *Articles submitted to international scientific journal:*

01 research paper was recently submitted to international journal(“*Ps*” in short): The international journal of health planning and management

- Ps 1. Minh HV, Do YK, Bautista MAC, Anh TT: Assessing capacity of primary care system in rural Vietnam for prevention and management of non-communicable diseases 2012.

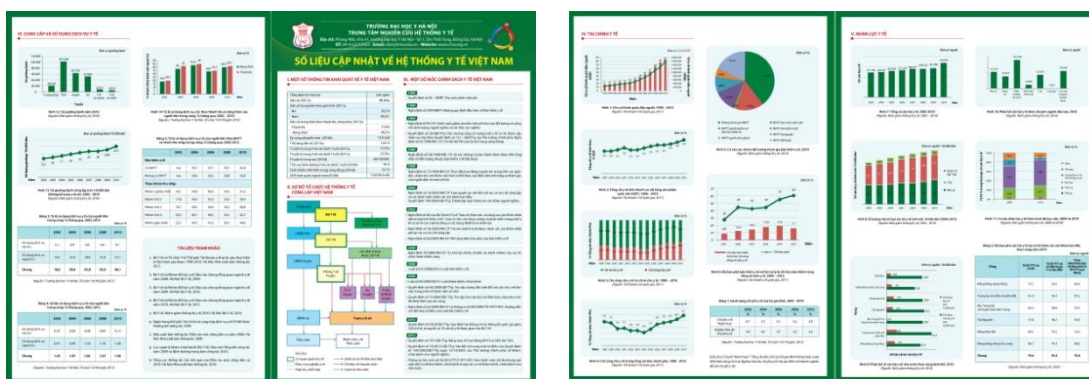
#### 2.6.1.4 *In manuscripts*

### 2.6.2 Research report

- Rr 1. “Health equity in Vietnam: an update assessment”: The 2nd Vietnam Health Watch Report (VHWR) provides an update assessment of health equity situation in Vietnam. The report analyses the data from several recent national representative population-based surveys in Vietnam such as The Multiple Indicator Cluster Survey (MICS4) 2010-2011, The Vietnam Living Standard Survey (VLSS) 2008 and 2010, The Global Adult Tobacco Use Surveys (GATS) 2010 and Survey Assessment of Vietnamese Youth 2010 (SAVY2). Research team: Vietnam Partnership for Actions in Health Equity (PAHE) and Center of Health System Research (CHSR). The study was completed in December 2012. Sponsor: Rockefeller Foundation

### 2.6.3 Factsheet

CHSR updated data about health system in Vietnam based on the six building blocks of health system suggested by WHO. The following pictures are the front and back pages of the factsheet on “Update data on Vietnam’s Health System”, which was released in September, 2012.



#### 2.6.4 Manual books

Two manual books of health system research methodology and method for estimation of financial needs (as required by CHSR's collaborator – VAAC (MOH) were revised and developed. They will be released in early 2013.

- “Introduction to health system research methodology”.
- “Method for costing and estimating financial needs for HIV/AIDS prevention and control in Vietnam”.

### 3 Monitoring and evaluation

- Weekly meetings were conducted to review completed activities and discuss the upcoming activities.
- A log file was created for tracking activities and budget allocation to make sure to timely implement activities.

### 4 Other activities

- The Center's staff often provided advices and mentorship to researches and students.
- The Center's staff participated in TOT training for young lecturers, organized by series of scientific sessions and workshop on young talented lecturer training.
- The Center's staff participated in different workshops of the Mekong Santé International Scientific Conference; 110<sup>th</sup> Anniversary of HMU Establishment.
- The Center's staff participated in pilot teaching for HMU students: 02 courses (Data management and analysis in practice; Methods for developing health research proposal).

### 5 KEY REMARKS

- Recruited 02 researchers (01 with medical background and MPH's degree, and 01 with economic background and MA's degree), which would strengthen the Center's research capacity. Also, supported 02 staffs to study Master's program in Thailand and Sweden, and 01 staff to study PhD's program in Sweden.
- Conducted 05 training courses on proposal development, health economic evaluations, health service costing, and application of PSM for impact evaluations of projects/interventions.
- Sent staff to attend 16 training courses related to different topics (e.g. statistical analysis, economics of disease burden, health insurance, health equity and financial protection, health economics, writing and reviewing for scientific papers, financial needs estimation, climate change and health, techniques

(Discrete-Choice Experiments/Conjoint Analysis technique, mapping with ArcGIS10 software, scientific writing)).

- Conducted 03 workshops on health system research and health economic, universal health coverage with equity, cancer prevention as challenge for global health, 01 face-to-face meeting of Health Space in Asia network, and 01 scientific exchange of methodology for measurement of health inequality. Sent staff to 10 different workshops on health insurance and different reimbursement approaches of health insurance, health services costing, health system research, health economics, health strategies and policies.
- Published 02 research papers on and submitted 01 research paper to international journals, and published 09 research papers on 02 local medical journals.
- Started implementing a research on social determinants and inequities in health in urban setting: mapping research sites, identifying targeted respondents, composing, testing and finalizing questionnaires, planning to go field trips and logistic preparation for research sites.

## 6 PLAN FOR ACTIVITIES OF THE NEXT 6 MONTHS

- Continue building research abilities and skills for the Center's staffs.
- Support and send one more staff to study a Master program in Thai Land and a staff to attend the short training course on health care and management in Switzerland; continue to send staff to attend the PhD program.
- Conduct training courses on costing and estimating financial needs for HIV/AIDS prevention and control as planned with VAAC as well as training course based on the need of participants.
- Continue to implement the research on social determinants and inequities in health in urban setting
- Participate in studies/researchers with other institutions.
- Continue communicating with other institutions working on health system research (e.g. Policy Unit of MOH, Health Strategy and Policy Institute, Vietnam health Economic Association, Hanoi School of Public Health, Vietnam Social Security, Civil Society Organization).
- Seek for more funding for training and research activities.

*Hanoi, 20 December, 2012*

Project Coordinator

**Hoang Van Minh**





Training course “Methods for developing health research proposal”, HMU, Hanoi, March 2012



Training course on “Health Economic Evaluation: An application of TreeAge”, HMU, Hanoi, April 2012



Training course “Health Economic Evaluation: From Theory to Practice”, HMU, Hanoi, May 2012.



Workshop “Health System Research and Health Economics”, HMU, Hanoi, May 2012.



Face-to-face HSA meeting in Hanoi, Hanoi, May 2012



Face-to-face HSA meeting in Hanoi, Hanoi, May 2012



Workshop “Universal Health Coverage with Equity”,  
HMU, Hanoi, Sept 2012.



Workshop “Universal Health Coverage with Equity”,  
HMU, Hanoi, Sept 2012.



Workshop “4th Asean bridges event series: Cancer  
prevention as challenge for global health”, HMU,  
Hanoi, Nov 2012



Training course “Application of PSM for Impact  
Evaluations of Projects/Interventions”,  
HMU, Hanoi, Dec 2012





Training course “Methods for developing health research proposal”, HMU, Hanoi, Jun 2012



Training course “Apply ArcGIS10 software to health researches”, HMU, Hanoi, Aug 2012



Training course “Introduction to Health Economics and Hospital Cost Accounting“, ThanhNhan hospital, Hanoi, Aug 2012



Training course “Methods for developing health research proposal”, Ha Nam Department of Health, Sep 2012



Training course “Health service costing: Theory and Practice”, National Economic University, Hanoi, Sep 2012



Training course “Method for costing and estimating financial needs for HIV/AIDS prevention and control in Vietnam”, HMU, Hanoi, Sep 2012



Training course “Climate change and health, qualitative and quantitative research methods “, HMU, Hanoi, Oct 2012.



Training course “The basics of Discrete-choice experiments/conjoint analysis”, HMU, Hanoi, Oct 2012



Training course “Scientific Writing”, HMU, Hanoi, Nov 2012.



Training course "Methodology of clinical pathway development and health care service costing", HaiPhong, Nov 2012.





Workshop "Sharing experiences in developing and implementing payment methods", VinhPhuc, March 2012.



Workshop "Health Equity and Financial Protection: Measurement and Options for Reform", Hanoi, June 2012.



Workshop on "Costing of Health Care Services for Provider Payment", VinhPhuc, June 2012.



Workshop on "Options for the revision of capitated payment system in Vietnam", VinhPhuc, June 2012



Workshop on "Costing of Health Services for Provider Payment", Kuala Lumpur, Malaysia, Oct 2012.



Workshop on "Second Global Symposium on Health System Research", Beijing, China, Nov 2012.



Workshop on "Writing and reviewing for scientific papers on the Journal of Medical Research", VinhPhuc, Nov 2012.



Workshop on "The second health economic conference: Sustainable health financing toward universal coverage", Ha Noi, Nov 2012



Workshop "Strengthening evidence based health policy in Vietnam: Contribution of training", MOH, Ha Noi, Dec 2012



Workshop on "Health Economics: Basic concepts and application", HCMC University of Medicine, Ho Chi Minh city, Dec 2012.

2012	Training courses	Workshops/ Seminars	Scientific researches	Publications
Jan				
Feb				
Mar	0, To 1	Wp 1	Rc 2	
Apr	Tp 2, To 2	Wp 2	Rc 3	Pi 4
May	Tp 3, To 3	Wo 1, Wo 2		Pn 1, Pn 2, Pn 3, Pn 4, Pn 5, Pn 6, Pn 7, Pn 8, Pn 9
Jun	Tp 4, Tp 5	Wp 3, Wp 4, Wp 5		
Jul	Tp 6, Tp 7			
Aug	Tp 8, Tp 9	Wo 3	Rc 1	
Sep	Tp 10, Tp 11, Tp 12	Wo 4		
Oct	Tp 13, To 1, To 4	Wp 6		
Nov	Tp 14, Tp 15	Wo 5, Wp 7, Wp 8, Wp 9,		
Dec	Tp 16, To 5	Wp 10	Rc 4, Rc 5, Ro 1, Ro 2, Rr 1, Ru 1, Ru 2,	Pi 1, Pi 2, Pi 3, Ps 1

**Note:**

- To: Training course organized by the CHSR's staff; Tp: Training course participated by CHSR's staffs
- Wo: Workshop organized by CHSR; Wp: Workshop participated by CHSR's staffs
- Rc: Research conducted by CHSR; Ro: On-going research; Ru: Under-development research; Rr: Research Report.
- Pi: Paper published on international journal; Pn: Paper published on national journal; Ps: Paper submitted to international journal

No	Traing course	Time	Venue	Type of training (degree, certificate, short course, etc)	Funding from Rockefeller Foundation	Number of participants	Cumulative number of participants	Number of students	Cumulative number of students	Number of faculties	Cumulative number of faculties
1	Method for impact evaluation of health project	Mar-11	HMU	Short course	Partly	34	34	0	0	21	21
2	Data management and analysis in practice	May-11	HMU	Short course	Partly	30	64	3	3	8	29
3	Costing and cost analysis of health care services	May-11	HMU	Short course	Fully	32	96	0	3	10	39
4	Conjoint analysis in health services and systems research	May-11	HMU	Short course	Partly	10	106	0	3	4	43
5	Health economics and cost analysis of hospital services	Sep-11	Bach Mai hospital	Short course	Fully	33	139	0	3	0	43
6	Designing and conducting stated preference studies	Oct-11	HMU	Short course	Fully	23	162	0	3	9	52
7	Methods for developing health research proposal	Mar-12	HMU	Short course	Fully	35	197	2	5	9	61
8	Heath Economic Evaluation: An application of TreeAge	Apr-12	HMU	Short course	Fully	30	227	6	11	9	70
9	Health Economic Evaluation: From Theory to Practice	Apr-12	HMU	Short course	Fully	36	263	2	13	13	83
10	The basics of Discrete-Choice Experiments (DCEs)/Conjoint Analysis (CA) method	Oct-12	HMU	Short course	Partly	41	304	9	22	19	102
11	Application of Propensity Score Matching for Impact Evaluations of Projects/Intervention	Dec-12	HMU	Short course	Fully	20	324	4	26	6	108
	<b>Total</b>					<b>324</b>	<b>324</b>	<b>26</b>	<b>26</b>	<b>108</b>	<b>108</b>



No	Workshop/Seminar	Time	Venue	Funding from Rockefeller Foundation	Number of participants	Cumulative number of participants	Number of students	Cumulative number of students	Number of faculties	Cumulative number of faculties
1	Scientific seminar “Packaging Uncertain Science for Decision Making”.	Mar-11	HMU	Fully	30	30	5	5	25	25
2	Scientific seminar on “Conjoint Analysis in Health Services and Systems Research: Concepts and Applications”.	May-11	HMU	Fully	8	38	2	7	6	31
3	Health System Research in Vietnam	Jun-11	Fortuna Hotel	Fully	100	138	0	7	30	61
4	Resilience and Equitable Growth: How the Rockefeller Foundation Addresses Contemporary Challenges	Aug-11	HMU	Fully	150	288	50	57	30	91
5	Health care financing in Vietnam	Dec-11	HaiPhong city	Fully	35	323	2	59	9	100
6	Health System Research and Health Economics	May-12	HMU	Fully	50	373	6	65	10	110
7	Face-to-face meeting of Health Space in Asia	May-12	HMU	Partly	36	409	2	67	13	123
8	Scientific seminar “Methodology for measurement of health inequalities”&“Method for costing and estimating financial needs for HIV/AIDS prevention and control”	Aug-12	HMU	Fully	50	459	5	72	10	133
9	Universal Health Coverage with Equity	Dec-12	HMU	Fully	450	909	400	472	40	173
10	4 <sup>th</sup> Asean bridges event series: Cancer prevention as challenge for global health	Dec-12	HMU	Partly	<b>450</b>	1359	<b>400</b>	872	<b>40</b>	213
	<b>Total</b>				<b>1359</b>	<b>1359</b>	<b>872</b>	<b>872</b>	<b>213</b>	<b>213</b>

## 16 Annex 10: DETAILEDPLAN IN 2013

**Objectives:** 1) To strengthen capacity of key stakeholders of the health care system in Vietnam in terms of health system research methodology; 2) To generate reliable research evidence on different aspects of health system (focusing on critical problems of health care system such as the expansion of health insurance coverage, impacts of health insurance reforms, equity and efficiency in health care services, etc); 3) To facilitate use of research evidence by health policy makers, managers and health staffs at all level in Vietnam; and 4) To serve as a knowledge center for health system research methodology as well as a hub for activities of different health system stakeholders in Vietnam.

No	Activities	2013					
		Jan	Feb	Mar	Apr	May	Jun
<b>1</b>	<b>Establishing the center</b>						
1.1	Establishing physical infrastructure						
1.2	Identifying and recruiting CHSR staffs						
1.3	Study tour						
1.4.	Situation analysis and expert survey						
1.5	Launching workshop						
1.6	Advertisement/ PR activities	√	√	√	√	√	√
1.7	Set up library, database	√	√	√	√	√	√
<b>2</b>	<b>Capacity building</b>						
2.1	Mentorship program (international expert)	√	√	√	√	√	√
2.1	International training/workshops	√	√	√	√	√	√
2.2	International master trainings	√	√	√	√	√	√
2.4	Research	√	√	√	√	√	√
2.5	In-country trainings for other institutions				√	√	√
<b>3</b>	<b>Networking</b>						
3.1	Fellows, post docs program	√	√	√	√	√	√
3.2	Attending in-country trainings/workshops	√	√	√	√	√	√
<b>4</b>	<b>Dissemination</b>						
4.1	Publication	√	√	√	√	√	√
4.2	Producing policy brief						
4.3	Policy workshop						
<b>5</b>	<b>Monitoring and Evaluation</b>						
5.1	Internal Monitoring and Evaluation				√	√	√
5.2	External Evaluation				√	√	√