



Biennial Report

2003-2004

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ACKNOWLEDGEMENT

It gives me a great pleasure to present the biannual report containing activities conducted by Nepal Health Research Council (NHRC) during the year 2003-2004.

One of the main aims of the Council is to develop research culture in the country and to achieve this; the Council has been conducting various research related activities. Nepal Health Research Council has also been sharing and disseminating information's relating to health research through various means. All the activities for the two-year period were performed successfully in a timely manner as planned.

As being the Member-Secretary of the Council, I feel that it is my duty to thank various organizations and persons who supported and worked in producing this report.

First of all I would like to express my sincere gratitude to the **World Health Organization, Maryknoll Fathers and Brothers, HMG/N Ministry of Health and Population, The World Bank, DFID and Rockefeller Foundation** for providing funds to carry out the various activities of NHRC.

I am thankful to the various members of Nepal Health Research Council for their great contribution. I would like to give my special thanks to **Dr. Rajendra Kumar BC** and **Ms. Pearl Banmali** who devoted their time in writing this biennial report. I also thank Mr. Nirbhay Kumar Sharma, Mr. Subodh Kumar Karna, Mr. Saraswoti Prasad Bhattarai, Ms. Dirgha Shrestha, Mr. Chandra Bhusan Yadav, Mr. Bijay Kumar Jha, Mr. Gopal Krishna Prajapati, Mr. Pukka Lal Ghising and Mr. Ajay Lal Karna for providing sufficient information's to the research section of NHRC.

Dr. Shanker Pratap Singh
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1. Introduction

During the past decade, Nepal had undergone through a series of rapid changes. Fast-pace and drastic changed in the economics; politics, cultures and information technology have all impacted the health systems. It could be stated that the overall effects have made the health systems to be unable to adjust to the ever-emerging circumstances of the current world. However, statistics indicated that the Nepalese health systems are moving to better condition than the preceding years. This was partly due to the efforts made by various health researchers in the country.

Nepal Health Research Council (NHRC) is the national apical body for promoting health research in the country. NHRC was established in 1991 by an Act of Parliament and was given the responsibility to promote and coordinate health research for improvement of the health status of people of Nepal.

Since its inception, NHRC has focused its attention on research capability strengthening through training of individual on research methods in order to develop a critical mass of people who can develop good quality research proposals. NHRC also serves as the main national institution responsible for technical and ethical review of all proposals submitted by individual health scientists, national authorities, NGO, INGO's and universities. After appropriate review these proposals are cleared by NHRC. The aim of NHRC has been to maintain high levels of technical and ethical standards of research carried out in Nepal.

Previously a large number of health researches carried out in Nepal had been done by individual researches in their areas of interest, but now that trend has gradually been changing, and the health research is being undertaken through universities, institutions, medical schools, research institutes, NGO, INGO and the Government.

The Council has been showing its activities in various forms of publications such as news bulletin, biennial and annual reports. The trend of publishing biennial report was started in the year of 2001. In the continuation of that, the biennial report for the year 2003-2004 has been published.

2. Objective

The main objective of publishing the biannual report for the year 2003-2004 was to compile all the activities in a systematic order and reveal the status of funding agencies that supported the activities.

3. Major Activities

3.1 Research Grants

NHRC has been supporting and encouraging researchers and students in conducting research by providing several grants under various title. Regional Research Grants are specifically focused to encourage and support researchers of the regions who intend research on the priority areas of the regional health. Experienced Research Grants are provided to the skilled researchers to promote research culture and to create more research activities within the country. Post Graduate and Undergraduate Research Grants are provided to activate the students in health research field. Similarly, the Council has also been providing Health System Research Grant and Young Scientist Research Grants to various researchers. Thus, the Council has been providing research grants to support health research culture in the country. The total number of research grants provided under different category of researchers was 73. Among which 28 were funded for the regional researchers, 5 for the young researchers, 12 for the under graduate researchers, 17 for the post graduate researchers, 5 for the experienced researchers and 6 for environment health researchers. The total amount given as research grants under above-mentioned different category was Rs. 68,11,178.00

The detail is given in Annex – I.

3.2 Trainings

NHRC has been providing training for young researchers from various health disciplines on developing a health research proposal, conducting research and managing research based data. The total number of training workshops conducted from various donor organizations support was 73. Among these there were 20 training workshops on Health Systems Research Methodology,

1 Training Workshop on Ethical Issues in International Health Research, 1 Training Workshop on Data Management, 1 Training of Trainers (TOT) on Research Management and 4 Training Workshops on Environmental Health related issues. The total amount spent on the above mentioned training workshops was Rs. 53,44,261.00. The total number of participants trained in such training workshops were 754. Among which 492 were only trained in Health Systems Research Methodology, 49 in TOT on Research Management, 40 in Health Research Ethics, 24 in Data Management, and 139 in Environment Health.

The detail is given in Annex – II (a) and II (b).

3.3 National Level Programs

Fourteen national level meetings, seminars and workshops were conducted and among these there were 7 meetings, 3 seminars and 4 workshops. The total amount spent on the above-mentioned programs was Rs. 20,96,535.00

The detail is given in Annex – III.

3.4 Capacity Strengthening

All the four NHRC's permanent officers were trained in (i) Research Management, (ii) Research Project Planning, Fund Raising Activities and Research Project Evaluation Process, and (iii) Research Methodology & Data Management. They took such trainings from different institutions such as Health Systems Research Institute, Nonthaburi, Thailand, the College of Public Health, Chulalongkorn University, Bangkok, Thailand and Indian Council of Medical Research, New Delhi, India. One research officer (environment) was trained in Environment Impact Assessment (EIA) in Sweden on 4 May – 6 June 2003. The detail is given in Annex – IV.

3.5 Publications

The council has published a number of publications such as Peer Reviewed ISSN (1727-5482) coden Journal of Nepal Health Research Council (three issues - Vol. 1 No. 2, Vol. 2 No. 1 and Vol. 2 No. 2), Guideline for National Health Care Waste Management, 13 Proceedings on Training Workshops,

National Health Research Policy, Third Annual Report of the Rockefeller Foundation's project entitled Capability Strengthening of Health Research Network in Nepal (Volume No. 1, 2 and 3), and Final Report of Maryknoll Fathers & Brother and NHRC – Fives Years Joint Venture Project January 2000-December 2004. The detail is given in Annex – V.

3.6 Study Reports

Three studies were conducted, and these were (i) Desk review of macroeconomics and health over the period of January 1999 – April 2004, (ii) Making health and poverty a profile of 75 districts of Nepal, and (iii) Review, update and institutionalization of national guidelines for EHIA of development projects.

3.7 Supervision and Monitoring of Health Research Projects

Every year the team of NHRC supervises and monitors the approved research projects. The main objective was to see and evaluate that each researcher maintains the ethical standard of the research project and also adhere to the methodology mentioned in the proposal submitted to NHRC. The total research projects inspected during the two-year period were 74. The inspected districts were Kathmandu, Lalitpur, Bhaktapur, Bharatpur, Kavrepalachowk, Nawalparasi, Dolakha, Pokhara, Sarlahi, Sunsari, Morang, Nepalgunj & Bardia. The detail is given in Annex – VI.

3.8 Strengthening NHRC Library

The main aim of the NHRC library was to provide maximum level of health information to all the health professionals and researchers through out the country. NHRC library has been continuously receiving support from Maryknoll Fathers and Brothers, and WHO. Due to the support from these funding agencies the library has been able to expand its services in various health related research information including photocopy services, Medline services and free access to Internet. In 2003 with the support of WHO, the NHRC library was able to purchase 2 sets of computers including the printers and also several health related research books. In 2004, with the objective to set up a centralized database of all health research reports covering the

HELLIS participating libraries in Kathmandu valley, NHRC completed the research report database, which was the first of its kind in Nepal. The database included all full text articles in PDF format, assigned with subject heading using MeSH.

3.9 Approved Health Research Proposals

The total number of health research proposals approved by the NHRC executive board was 41 in the biennium 2003-2004. NHRC took the processing fees while approving such proposals and received the total amount of Rs. 13,67,193.85

The detail is given in Annex – VII.

3.10 Support to present the Research Papers in International Programs

NHRC has supported travel grants to 3 Nepali health researchers to present their research papers and participate in the international congress, conference and workshop. The detail is given in Annex – VIII.

3.11 NHRC Representation in various National and International Programs

NHRC represented in various national and international programs. NHRC board members and research staffs represented in 8 international and 10 national workshops, seminars, meetings, forums and summit.

The detail is given in Annex – IX.

3.12 Executive Board Meetings

During the year 2003-2004, NHRC organized a total of 23 Executive Board Meetings of which 11 were held in 2003 and 12 were held in 2004.

The detail is given in Annex – X.

3.13 Purchasing

NHRC purchased 5 computers, 5 laser printers, one ADF scanner (hi-tech) HP scan jet, 2 halogen heaters, 3 stand fans, 2 bicycles, 2 vehicle tires, 1 vehicle battery, and audiovisual equipments such as DVD, VCR, TV, Video camera, portable overhead projector, mike sets, Sony walk man, clip tie pin, and double cassette recorders. Apart from these NHRC also purchased several research based books and other office accessories.

3.14 Miscellaneous

Project's proposal cum terms of reference was prepared for the National Level Evaluation project entitled Information, Education and Communication programs in Nepal launched by HMG-NHIECC, Department of Health Services (through this NHRC was benefited by getting Rs. 99,999.00). NHRC made audiovisual clipping on indoor air pollution and telecasted in Nepal Television and aired by Radio Nepal.

4. Funding Agencies of NHRC

In order to carry out all the activities planned for the biennium 2003-2004, NHRC did not only depend on the government funds, but it also depended on the other donor organizations funds. The funds provided to NHRC mainly by the World Health Organization, Maryknoll Fathers and Brothers, HMG/N Ministry of Health and Population, The World Bank, DFID, and Rockefeller Foundation.

4.1 World Health Organization (WHO)

World Health Organization has been providing funds to Nepal Health Research Council (NHRC) since its establishment for conducting various health related programs. WHO has supported NHRC mainly to conduct the programs under Health System Research Program and Environmental Health Program. WHO has its own work plan for each biennium where it allocates the regular budget to carry out the specific activities. WHO sometimes provides extra budgetary fund if the organization needed to conduct important activities, which were not included in the biennial work plan. WHO allocates budget for every two years and this included the year 2002-2003 as one biennium and 2004-2005 as the other biennium. Looking at the WHO plan of action the exact budget of WHO for the biennium 2003-2004 was US\$ 96,250.00, wherein under NEP PHE US\$ 47,000.00 and NEP RPC US\$ 49,250.00.

The status of budget for the two bienniums 2002-2003 and 2004-2005 is given below:

2002-2003 WHO budget (US\$ 144,600.00)

NEP RPC 001/002 (US\$ 35,900.00)

NEP PHE 002/004 (US\$ 50,100.00)

WHO extra budgetary (US\$ 38,500.00)

2004-2005 WHO budget (US\$ 96,500.00)

NEP RPC 001 (US\$ 40,000.00)

NEP PHE 001/003 (US\$ 43,500.00)

WHO extra budgetary (US\$ 13,000)

4.2 Mary knoll Fathers and Brothers (MFB)

In January 2000, Maryknoll Fathers & Brothers (MFB) of Maryknoll society, with Headquarter in Maryland, New York, United States of America, entered into a five-year agreement with Nepal Health Research Council (NHRC). MFB agreed to collaborate with NHRC in fulfilling its objectives as stated in the NHRC Act 1991 of His Majesty's Government (HMG) of Nepal. The total budget received from MFB in the year of agreement up to the year 29 February 2004 was US\$ 200,000.00 (two hundred thousands). This fund has supported and assisted NHRC from various points of view.

Its yearly support to NHRC was of US\$ 40,000 (forty thousands). Generally it was helping for the basic support to the office as per need of NHRC. It was leading to the helpful hand in strengthening the NHRC library, providing health research methodology training for health related personnel in order to develop a critical mass of the researchers in the country, supporting to develop ethical guideline for health research in Nepal and now it is helping for the instutionalizing the ethical guideline to all the health and research institutes of Nepal. It is also helping for providing the research grant to facilitate research in the country.

It has its special interest to improve and develop the library / information systems of Nepal and make network with other health related libraries existed in Nepal and abroad. Furthermore, it is also an active partner in all kinds of workshops and seminars organized by NHRC.

4.3 His Majesty's Government of Nepal (HMG)

NHRC has been receiving a regular annual budget from the year 2000. The date of the annual budget of His Majesty's Government of Nepal starts from Srawan (October) and ends at Asad (July). Thus, this has made difficult to give the exact amount spent during the year 2003-2004. During this two year period the approximate amount received was around Rs. 70,00,000.00. NHRC has been able to perform various activities through this budget including the salaries of the core staffs. Through HMG the World Bank/DFID (Development Foundation for International Development) announced to provide one Crore to NHRC and in the year 2004 it provided one third of the total budget which

was Rs. 33 lakhs and 33 thousands. The activities under this fund are being carried in the year 2005.

4.4 Rockefeller Foundation (RF)

After getting the International RF Award for the research proposal “capability strengthening of health research network in Nepal,” developed by NHRC, various activities were carried out that included (a) strengthening of networking and coordination of health research, (b) strengthening core research support team at NHRC, (c) strengthening of NHRC library and information system, (d) promotion of good ethical practice in health research and development of national ethical guidelines, (e) promotion of health research culture, and (f) promotion of enabling research environment.

To achieve the above objectives NHRC was collaborating with a number of partner institutions. The partner institution included Institute of Medicine (IOM), Mother and Infant Research Activities (MIRA), Nepal Nutrition Intervention Project – Sarlahi (NNIPS), Nepal Society of Obstetricians and Gynecologists (NESOG), Center for Research on Environment Health and Population Activities (CREHPA), and Maryknoll Father and Brother (MFB).

The duration of the award was from November 2000 to October 2003. The total fund received from this program was Rs.1,52,73,961. As the award was received from the year 2000, most of the activities had already been conducted during the year 2002. However, there were few activities to be conducted during the year 2003.

5. Conclusion and Recommendation

After getting the funds from donor organizations, NHRC was able to carry out various activities such as (i) strengthening of information system of NHRC library, (ii) publication of national ethical guideline for health research in Nepal, (iii) providing research grants to young researchers, (iv) supervision & monitoring of various kinds of health related research projects carried out in Nepal, (v) providing training on research methodology, (vi) purchasing various kinds of office items, (vii) conducting national meetings, (viii) publishing scientific journals, (ix) capacity strengthening of NHRC staffs, and (x) conducting research studies.

Therefore, it can be said that NHRC has made significant progress towards developing somewhat sustainable health research system in the country, but still a lot needs to be done.

Although NHRC has prepared two very important documents (national health research policy and ethical guidelines for health research in Nepal), their implementation part is remained as such. Not only this, there were several research based recommendations documented in the several meetings, seminars, and conferences, but the most challenging part is to implement these recommendations. To implement and make effective planning to mechanize these recommendations into action, NHRC felt that such funds should be continued at least for next couple of years.

6. Annexes

Annex - I

Status of Research Grants

<i>Total number of regional grants given (7ER + 7CR + 3WR + 5MWR + 6FWR)</i>	: 28
<i>Total number of young research grants given</i>	: 5
<i>Total number of under graduate research grants given</i>	: 12
<i>Total number of postgraduate research grants given</i>	: 17
<i>Total number of experienced research grants given</i>	: 5
<i>Total number of environment health research grants given</i>	: <u>6</u>

Total grants given: 73

Total amount of Research Grants Given: Rs. 68,11,178.00

From WHO: Rs. 35,88,551 .00

<i>Under Graduate Research Grants (10)</i>	: Rs. 1,54,560.00
<i>Post Graduate Research Grants (10)</i>	: Rs. 3,12,000.00
<i>Environment Health Grants (6)</i>	: Rs. 20,50,791.00
<i>Regional Research Grants (11)</i>	: Rs. 10,71,200.00

From MFB: Rs. 9,14,628.00

<i>Under Graduate Research Grants (2)</i>	: Rs. 31,200.00
<i>Post Graduate Research Grants (2)</i>	: Rs. 59,200.00
<i>Experiences Research Grants (1)</i>	: Rs. 1,50,728.00
<i>Regional Research Grants (6)</i>	: Rs. 6,73,500.00

From RF: Rs. 12,18,000.00

<i>Post Graduate Research Grants (5)</i>	: Rs. 1,56,000.00
<i>Young Research Grants (2)</i>	: Rs. 3,12,000.00
<i>Experienced Research Grants (4)</i>	: Rs. 7,50,000.00

From HMG: Rs. 10,89,999.00

<i>Young Research Grants (3)</i>	: Rs. 3,99,999.00
<i>Regional Research Grants (11)</i>	: Rs. 6,90,000.00

Under WHO Project

In the biennium 2003-2004

Number of Research Grants Given: 37 (10 UG+10 PG+11 RG+6 EH)

Total amount of Research Grants Given : Rs. 35,88,551 .00

In the year 2003

Number of Research Grants Given in 2003: 27 (10 UG + 10 PG + 6 RG + 1 EH)

Total amount of Research Grants Given : Rs. 19,80,301 .00

Under Graduate Research Grants : Rs. 1,54,560.00

Post Graduate Research Grants : Rs. 3,12,000.00

Environment Health Grants : Rs. 7,33,741.00

Regional Research Grants : Rs. 7,80,000.00

For Eastern : Rs. 1,56,000.00

For Central : Rs. 1,56,000.00

For Western : Rs. 1,56,000.00

For Mid-Western : Rs. 1,56,000.00

For Far-Western : Rs. 1,56,000.00

In the year 2004

Number of Research Grants Given in 2004: 10 (5 RG + 5 EH)

Total amount of Research Grants Given : Rs. 16,08,250.00

Environment Health Grants: Rs. 13,17,050.00

Regional Research Grants : Rs. 2,91,200.00

For Eastern : Rs. 58,240.00

For Central : Rs. 58,240.00

For Western : Rs. 58,240.00

For Mid-Western : Rs. 58,240.00

For Far-Western : Rs. 58,240.00

For Under-graduate Students

- (a) **Research Title:** A Comparative Study of Changing Trend of Acute Poisoning Cases recorded at TUTH Kathmandu and Bhaktapur Hospital, Chitwan between 1990-1992 and 2000-2003
PI: Dr. Ram Hari Ghimire
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted
- (b) **Research Title:** A Study on the Knowledge and Practice of TBAs regarding the Delivery Care in the Dhanusha District
PI: Mr. Sanjay K. Das
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted
- (c) **Research Title:** Prevalence of Hepatitis B among Clinically Suspected Patients Visiting Ayurvedic Hospital, Nurdevi
PI: Mr. Prakash Gyawali
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted
- (d) **Research Title:** Safety Precautions of Cytotoxic Drug Administration among Nursing Personal Working in BPKMCH
PI: Ms. Archana Dhungana
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted
- (e) **Research Title:** Prevalence of Refractive Error in Mentally retarded Students
PI: Mr. Rabindra Ghising
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted

- (f) **Research Title:** A study of Emotional and Behavioral Problems of Street Children in Rehabilitation Center in Kathmandu Valley
PI: Ms. Bishnu Maya Upreti
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted
- (g) **Research Title:** Near Visual Acuity Improvement with Low Vision Aids in Visually Impaired Students of Blind School in Kathmandu.
PI: Mr. Hari Bahadur Thapa
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted
- (h) **Research Title:** Study on Knowledge, Attitude and Practice of Family Planning Methods among Muslim Community at Dhakadhai VDC in Rupandhei District.
PI: Ms. Sarswati Ghimire
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted
- (i) **Research Title:** Paternal Knowledge and Attitude regarding Care of the First New Born Baby in Maternity Ward, Western Regional Hospital, Pokhara
PI: Ms. Anita Gurung
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted
- (j) **Research Title:** Parent's Knowledge and Attitude towards Oral Hygiene among their Children Aged between 5 years to 14 years attending in Out Patients Department in Kanti Children Hospital.
PI: Ms. Jony Rai
Grant: Rs. 15,456.00
Granting Year: 2003
Status: Report submitted

For Post-graduate Students

- (a) **Research Title:** Socio-cultural Attitude towards HIV/AIDS; Contemporary Situation Analysis of Person living with HIV/AIDS (PLWHA) in Kathmandu
PI: Ms. Uma Bhandari
Grant: Rs. 31,200.00
Granting Year: 2003
Status: Report submitted
- (b) **Research Title:** Association of Retinopathy, Hypertension and Ischaemic Heart Diseases with overt Protein in Urea in Type-2 *Diabetes mellitus*
PI: Dr. Buddhi Prasad Poudel
Grant: Rs. 31,200.00
Granting Year: 2003
Status: Report submitted
- (c) **Research Title:** A Study of Knowledge, Attitude and Oral Health Behavior of Adults attending the Bir Hospital Dental Department
PI: Dr. Madhunima Bhadra
Grant: Rs. 31,200.00
Granting Year: 2003
Status: Report submitted
- (d) **Research Title:** A Study on Factors Associated to Low Birth Weight in the New Born Baby of Bheri Zonal Hospital & Teaching Hospital of Nepalgunj Medical College.
PI: Mr. Dhir Jung Shah
Grant: Rs. 31,200.00
Granting Year: 2003
Status: Report submitted

- (e) **ResearchTitle:** Co-relation of Radiological and Preoperative Findings of CSOM (AA)
PI: Dr. Dipendra Shrestha
Grant: Rs. 31,200.00
Granting Year: 2003
Status: Report submitted
- (f) **ResearchTitle:** A Study of Knowledge, Attitude and practice of Basic Health Workers on HIV/AIDS, its Prevention in Western Development Region of Nepal
PI: Mr. Narhari Timilsina
Grant: Rs. 31,200.00
Granting Year: 2003
Status: Report submitted
- (g) **ResearchTitle:** Health Status of Primary School Children of Dhankuta and Sunsari Districts
PI: Dr. Sagar Ratna Shakya
Grant: Rs. 31,200.00
Granting Year: 2003
Status: Report submitted
- (h) **ResearchTitle:** Male Involvement in Reproduction Health (Urban Rural differential): A Case Study of Morang District
PI: Mr. Trilochan Pokhrel
Grant: 31,200.00
Granting Year: 2003
Status: Report submitted
- (i) **ResearchTitle:** Situation Analysis of Elderly Populations (urban-rural differential): A Case Study of Morang District
PI: Mr. Nagendra Luitel
Grant: Rs. 31,200.00
Granting Year: 2003
Status: Report submitted

- (j) **ResearchTitle:** A Comparative Study on Knowledge and Practice of Urban and Rural Parents regarding Caring of Children under Five during Diarrhea
- PI:** Ms. Sabitri Kumari Paudel
- Grant:** Rs. 31,200.00
- Granting Year:** 2003
- Status:** Report submitted

For Regional Researchers

For Eastern Region

- (a) **ResearchTitle:** Prevalence of Lymphatic Filariasis in Morang District of Eastern Nepal: “A population Based Cross Sectional Household Survey”.
- PI:** Professor C.S. Agrawal
- Grant:** Rs. 156,000.00
- Granting Year:** 2003
- Status:** Report submitted
- (b) **ResearchTitle:** The Community based First Aid School Health Training Programme.
- PI:** Mr. Ram Sharan Mehta
- Grant:** Rs. 58,240.00
- Granting Year:** 2004
- Status:** Report submitted

For Central Region

- (a) **ResearchTitle:** Prevalence of Hepatitis B infection in Patients Attending Maternity Hospital and Dental OPD at Kathmandu
- PI:** Dr. Sudhir Regmi
- Grant:** Rs. 156,000.00
- Granting Year:** 2003
- Status:** Report submitted

- (b) **ResearchTitle:** Study of the *Helicobacter hepaticus* in the Gallbladder with Cholelithiasis in Association with *Helicobacter pylori* Infection in Stomach and its Sensitivity Pattern
PI: Dr. Sailesh Bahadur Pradhan
Grant: Rs. Rs. 58,240.00
Granting Year: 2004
Status: Report submitted

For Western Region

- (a) **ResearchTitle:** Study on Prescribing Practice of Antibiotic Prophylaxis is for Surgeries in different Hospital of Pokhara Valley
PI: Ms. Nami Palikhe
Grant: Rs. 156,000.00
Granting Year: 2003
Status: Report submitted
- (b) **ResearchTitle:** Utilization of Safe Motherhood Practices in Rural Area of Western Nepal: A Study of Kumal Community in Hastichaur
PI: Mr. Bishnu Bahadur Khatri
Grant: Rs. 58,240.00
Granting Year: 2004
Status: Report submitted

For Mid Western Region

- (a) **ResearchTitle:** Risk Assessment on STI & HIV Transmission among Labors in Rukum District
PI: Mr. Hukum Bahadur Budhathoki
Grant: Rs. 78,000.00
Granting Year: 2003
Status: Report submitted
- (b) **ResearchTitle:** Determinants of Low Immunization Coverage in Humla District
PI: Mr. Brish Shahi
Grant: Rs. 78,000.00
Granting Year: 2003
Status: Report submitted

- (c) **ResearchTitle:** A Study on the Factors Associated with Unmet Need for Family Planning among Married Women of Reproductive Age in Birendranagar Municipality of Surkhet District
- PI:** Mr. Ghana Shyam Pokharel
- Grant:** Rs. 58,240.00
- Granting Year:** 2004
- Status:** Report submitted

For Far Western Region

- (a) **ResearchTitle:** Safer Motherhood: Uterine Prolapsed in 3 VDCs of Dadeldhura District
- PI:** Dr. Arjoo Deuba Rana
- Grant:** Rs. 156,000.00
- Granting Year:** 2003
- Status:** Report submitted
- (b) **ResearchTitle:** Reproductive Tract Infection (STIs) among Women of Reproductive Age in Dhangadhi Municipality, Kailali
- PI:** Ms. Manju KC
- Grant:** Rs. 58,240.00
- Granting Year:** 2004
- Status:** Report submitted

For Environment Health Researchers

- (a) **ResearchTitle:** Situation Analysis of Indoor Air Pollution and Development of Guidelines of Indoor Air Quality Assessment and House Building for Health
- PI:** Dr. Iswor Lal Shrestha
- Grant:** Rs. 7,33,741.00
- Granting Year:** 2003
- Status:** Report submitted

- (b) **Research Title:** Follow up Study on Adoption of National Health Care Waste Management Guidelines at Health Care Institutions
PI: Mr. Kapur Paudel
Grant: Rs. 2,84,000.00
Granting Year: 2004
Status: On going
- (c) **Research Title:** Development of Profile of Toxic Waste Products in Nepal
PI: Mr. Iswor Lal Shrestha
Grant: Rs. 3,55,000.00
Granting Year: 2004
Status: On going
- (d) **Research Title:** Impact Assessment of the Training Conducted in the Past on Health Care Waste Management
PI: Mr. Bikram Basyal
Grant: Rs. 1,10,050.00
Granting Year: 2004
Status: On going
- (e) **Research Title:** Study on Occupational Health Risks due to Small Scale Industries with more Focus towards Children within Kathmandu valley
PI: Dr. Sunil Kumar Joshi
Grant: Rs. 2,84,000.00
Granting Year: 2004
Status: On going
- (f) **Research Title:** Formulation of a Comprehensive National Strategy and Action Plan to attenuate major Environment and Occupational Health Risks Pertinent in Urban Settings within the Country
PI: Dr. Hari Bansh Jha
Grant: Rs. 2,84,000.00
Granting Year: 2004
Status: On going

Under MFB Project

In the biennium 2003-2004

Number of Research Grants Given : 11 (2 UG + 1 PG + 1 ER + 6 RG)

Total amount of Research Grants Given : Rs. 9,14,628.00

In the year 2003

Number of Research Grants Given in 2003: 7 (1 ER + 6 RG)

Total amount of Research Grants Given : Rs. 8,24,228 .00

Experiences Research Grants : Rs. 1,50,728.00

Regional Research Grants : Rs. 6,73,500.00

For Eastern : Rs. 1,54,000.00

For Central : Rs. 2,11,500.00

For Mid-Western : Rs. 1,54,000.00

For Far-Western : Rs. 1,54,000.00

In the year 2004

Number of Research Grants Given in 2004: 4 (2 UG + 2 PG)

Total amount of Research Grants Given : Rs. 90,400.00

Under Graduate Research Grants : Rs. 31,200.00

Post Graduate Research Grants : Rs. 59,200.00

For Under-graduate Students

(a) **ResearchTitle:** Attitude of Doctors of Bir Hospital towards the Harmonization of Aurveda & Modern medicine

PI: Dr. Rupendra Puri

Grant: Rs. 15,600.00

Granting Year: 2004

Status: Report submitted

- (b) **ResearchTitle:** Quality of life in elderly people – A comparative study in different elderly homes of Kathamandu
PI: Mr. Santosh Dhungana
Grant: Rs. 15,600.00
Granting Year: 2004
Status: Report submitted

For Post-graduate Students

- (a) **ResearchTitle:** KAP of Adolescent Girl on Reproductive Health: A Focus on Menstruation
PI: Ms. Roshani Laxmi Tui Tui
Grant: Rs. 29,600.00
Granting Year: 2004
Status: Report submitted

- (b) **ResearchTitle:** Prevalence of Tuberculosis (TB) among HIV Infected Persons in Kathmandu
PI: Mr. Govinda Prasad Dhungana
Grant: Rs. 29,600.00
Granting Year: 2004
Status: Report submitted

For Experienced Researchers

- (a) **ResearchTitle:** Study of Practices / Knowledge and Recipes of Traditional Healers for Treatment of Jaundice in Kathmandu Valley.
PI: Dr. Rishi Ram Koirala
Grant: Rs. 1,50,728.00
Granting Year: 2003
Status: Report submitted

For Regional Researchers

For Eastern Region

- (a) **ResearchTitle:** A Study of Prevalence and Causes of Alcohol Consumption among Females in Sunsari District: a Study from Eastern Nepal
PI: Mr. Surya Raj Niraula
Grant: Rs. 1,54,000.00
Granting Year: 2003
Status: Report submitted

For Central Region

- (a) **ResearchTitle:** Health and Nutrition Status of Primary School Children in relation to School Program.
PI: Dr. Uma Devi Chhetri
Grant: Rs. 1,15,500.00
Granting Year: 2003
Status: Report submitted
- (b) **ResearchTitle:** Public and Private NGO Partnership in Health Services: Review Assessment and Recommendation from a Focused Study in the Central Region of Nepal.
PI: Mr. Bishnu Prasad Sharma
Grant: Rs. 38,500.00
Granting Year: 2003
Status: Report submitted
- (c) **ResearchTitle:** Role of Medicinal Plants used in Different Disease in Hilly Regions, Nepal
PI: Dr. Bhuban Paudel
Grant: Rs. 57,500.00
Granting Year: 2003
Status: Report submitted

For Western Region

No grant was given.

For Mid-Western Region

- (a) **ResearchTitle:** Study on Nutrition Situation of Children and Mother in Mid-western Region of Nepal
PI: Mr. Upendra Roy
Grant: Rs. 1,54,000.00
Granting Year: 2003
Status: Report submitted

For Far Western Region

- (a) **ResearchTitle:** Socio-Behavioral Epidemiology and Ecological Determinants of Malaria Out Break in Kanchanpur District.
PI: Dr. Krishna Bahadur Chand
Grant: Rs. 1,54,000.00
Granting Year: 2003
Status: Report submitted

Under RF Project

In the biennium 2003-2004

<i>Number of Research Grants Given</i>	<i>: 11 (5 PG + 2 YR + 4 ER)</i>
<i>Total amount of Research Grants Given</i>	<i>: Rs. 12,18,000.00</i>
<i>Post Graduate Research Grants</i>	<i>: Rs. 1,56,000.00</i>
<i>Young Research Grants</i>	<i>: Rs. 3,12,000.00</i>
<i>Experienced Research Grants</i>	<i>: Rs. 7,50,000.00</i>

For Post-graduate Students

- (a) **ResearchTitle:** A comparative Study on Practice of Prophylactic Antibiotic in Cesarean Section in two Hospitals of Kathmandu Valley.
PI: Ms. Archana Pokharel
Grant : Rs. 31,200.00
Granting Year: 2003
Status: Report submitted

- (b) **ResearchTitle:** Determinants on Utilization of Skilled Delivery Attendants in Nawalparasi District.
PI: Dr. Yuva Raj Pokharel
Grant : Rs. 31,200.00
Granting Year: 2003
Status: Report submitted
- (c) **ResearchTitle:** Reactive Thrombocytosis and their Relation with Different Platelet Parameters and Acute Phase Reactant CRP (C - Reactive Protein).
PI: Dr. Mohan Prasad Dahal
Grant : Rs. 31,200.00
Granting Year: 2003
Status: Report submitted
- (d) **ResearchTitle:** Role of Prostate Specific Antigen in differentiating Various Prostatic Pathology
PI: Dr. Pravakar Kumar
Grant : Rs. 31,200.00
Granting Year: 2003
Status: Report submitted
- (e) **ResearchTitle:** Delay Factors in the Utilization of EOC Service in Baglung Hospital: A Case Study among Service Users within 6 Hours of Walking Distance.
PI: Mr. Nur Prasad Pant
Grant : Rs. 31,200.00
Granting Year: 2003
Status: Report submitted.

For Young Researchers

- (a) **Research Title:** Retrospective Study on Therapeutic Approaches Among Different Types and Stages of Cancers in Two Cancer Hospitals in Nepal and Estimation of Baseline Physical Well-being Dimension of Quality of Life in Selected Patients of Bhaktapur Cancer Care Center.

PI: Mr. Deependra K. Aryal

Grant : Rs. 156,000.00

Granting Year: 2003

Status: Report submitted.

- (b) **Research Title:** Effect of Calcitriol Therapy in Secondary Hyperparathyroidism (SH) in Maintenance Haemodialysis (MHD) Patients.

PI: Dr. Rajani Hada

Grant: Rs. 156,000.00

Granting Year: 2003

Status: Report submitted.

For Experienced Researchers

- (a) **Research Title:** Pseudoexfoliation syndrome: A Comparative Study of Prevalence among the Gurungs of High Altitude and Low Lands and Gurungs versus Tamangs and Sherpas.

PI: Dr. Suraj Shakya

Grant: Rs. 2,19,000.00

Granting Year: 2003

Status: Report submitted.

- (b) **Research Title:** Outcome of the Anesthesia of the Children under going Surgery in Kanti children's Hospital.

PI: Dr. Gautam Ratna Bajracharya

Grant : Rs. 2,19,000.00

Granting Year: 2003

Status: Report submitted.

- (c) **ResearchTitle:** Intermediate Uveitis Components: Hospital based Study.
PI: Dr. Om Krishna Malla
Grant : Rs. 1,56,000.00
Granting Year: 2003
Status: Report submitted.
- (d) **ResearchTitle:** Study on Association of *Helicobacter pylori* Infection with Acid Peptic Disease (APD) among Nepalese.
PI: Dr. Shiba Kumar Rai
Grant : Rs. 1,56,000.00
Granting Year: 2003
Status: Report submitted.

Under HMG Project

In the biennium 2003-2004 (Fiscal Year 2059-60)

<i>Number of Research Grants Given</i>	: 14 (YR 3 + 11 RG)
<i>Total amount of Research Grants Given</i>	: Rs.10,89,999.00
<i>Young Research Grants</i>	: Rs. 3,99,999.00
<i>Regional Research Grants</i>	: Rs. 6,90,000.00

<i>For Eastern</i>	: Rs. 1,60,000.00
<i>For Central</i>	: Rs . 1,60,000.00
<i>For Western</i>	: Rs. 50,000.00
<i>For Mid-Western</i>	: Rs. 1,60,000.00
<i>For Far-Western</i>	: Rs. 1,60,000.00

For Young Researchers

- (a) **ResearchTitle:** Diffusion of High Cost Medical Equipment in Nepal: Implications to Utilization and Access
PI: Mr. Devendra Prasad Gnawali
Grant : Rs. 1,33,333.00
Granting year: 2003
Status: Report submitted

(b) **ResearchTitle:** A Retrospective Study on Political Conflict Victims Treated in Tribhuvan University Teaching Hospital and Birendra Police Hospital (2052 to 2059 BS)

PI: Dr. Rohit Kumar Pokharel

Grant: Rs. 1,33,333.00

Granting year: 2003

Status: Report submitted

(c) **ResearchTitle:** The Risk of HIV Infection due to Occupational Exposure among Health Care Workers in the Hospitals of Kathmandu and Pokhara: A Hospital base Study

PI: Dr. Dwarika Prasad Shrestha

Grant : Rs. 1,33,333.00

Granting year: 2003

Status: Report submitted

For Regional Researchers

For Eastern Region

(a) **ResearchTitle:** Study of Unmet Need for Family Planning among Married Women of Reproductive Age in a District of Eastern Nepal

PI: Dr. Gajendra Prakash Bhandari

Grant : Rs. 68,000.00

Granting year: 2003

Status: Report submitted

(b) **ResearchTitle:** Ultra Sound in the Diagnosis of the Neck Masses

PI: Dr. Narayan Bikram Thapa

Grant : Rs. 16,000.00

Granting year: 2003

Status: Report submitted

(c) **ResearchTitle:** A Community based Study on Prevalence and Risk Factors of Breast Lump among Reproductive Aged Women

PI: Ms. Tara Shah

Grant : Rs. 46,000.00

Granting year: 2003

Status: Report submitted

(d) **ResearchTitle:** Maternal Morbidity after Emergency Caesarian Section with and without Ruptured Amniotic Membrane

PI: Dr. Anu Kushwaha

Grant : Rs. 30,000.00

Granting year: 2003

Status: Report submitted

For Central Region

(a) **ResearchTitle:** Molecular Epidemiology of Malaria in Nepal

PI: Mr. Keshab Parajuli

Grant : Rs. 80,000.00

Granting year: 2003

Status: Report submitted

(b) **ResearchTitle:** The Create Registry and the Create Study

PI: Dr. Ram Kishore Shah

Grant : Rs. 80,000.00

Granting year: 2003

Status: Report submitted

For Western Region

(a) **ResearchTitle:** Husband Wife Communication Family Planning Practice

PI: Mr. Arjun Prakash Regmi

Grant : Rs. 50,000.00

Granting year: 2003

Status: Report submitted

For Mid-Western Region

- (a) **ResearchTitle:** Study on Compliance of Tuberculosis Patients with Treatment in DOTs Treatment Center in Banke, Bardiya and Surkhet districts
PI: Mr. Ghanashyam Pokharel
Grant : Rs. 1,60,000.00
Granting year: 2003
Status: Report submitted

For Far-Western Region

- (a) **ResearchTitle:** Prevalence and Causes of Delay Diagnosis of Advanced infectious pulmonary Tuberculosis in Kanchanpur district
PI: Dr. Subesh Raj Kayastha
Grant : Rs. 60,000.00
Granting year: 2003
Status: Report submitted
- (b) **ResearchTitle:** Research on Substance abuse (Alcohol, Tobacco, Drugs) use in Adolescent Population in Dhangadhi Municipality.
PI: Ms. Manju K.C.
Grant : Rs. 50,000.00
Granting year: 2003
Status: Report submitted
- (c) **ResearchTitle:** Research on Adolescent health in 6 High Schools of Kailali District
PI: Mr. Bhanu Dev Jaisi
Grant : Rs. 50,000.00
Granting year: 2003
Status: Report submitted

Annex – II (a)

Status of Training Workshops

Total Number of Training Workshops on Heath Systems Research Methodology (WHO 6 + HMG 5 + MBF 8 + WB/DFID 1)	: 20
Total Number of Training of Trainers (TOT) on Research Management	: 1
Total Number of Training Workshop on Data Management for Health Research	: 1
Total Number of Training Workshop on Ethical Issues in International Health Research	: 1
Total Number of Environment Health related Training Workshops:	<u>4</u>
Total Trainings Conducted:	27

Total amount spent in training workshops: Rs. 53,44,261.00

From WHO (12): Rs. 29,53,408.00

Training Workshops on Heath Systems Research Methodology (6)	: Rs. 14,33,910.00
Training Workshop on Data Management for Health Research (1)	: Rs. 2,19,750.00
Training Workshop on Ethical Issues in International Health Research (1)	: Rs. 9,25,336.00
Training Workshop on Distance Learning and Health Care Waste Management (1)	: Rs. 1,47,355.00
Training Workshop on EHIA Guidelines Process (1)	: Rs. 70,000.00
Training on possible exposure and risk for health care waste and its management (1)	: Rs. 97,057.00
Training workshop for EIA managers on EHIA process (1)	: Rs. 60,000.00

From HMG (5): Rs. 9,49,854.00

Training Workshops on Heath Systems Research Methodology (5)	: Rs. 9,49,854.00
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From MFB (8): Rs. 10,13,170.00

Training Workshops on Heath Systems Research Methodology (8)	:Rs.10,13,170.00
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From WB/DFID (1): Rs. 170,037.00

Training Workshops on Health Systems Research Methodology (1) : Rs. 170,037.00

From HMG matching fund to RF (1): Rs. 2,57,792.25

training of Trainers (TOT) on Research Management (1) : Rs. 2,57,792.25

Training Workshops on Health Systems Research Methodology (20)

30 January-3 February 2003 (HMG) – Total amount spent Rs. 178,700.00
27 February-3 March 2003 (HMG) – Total Amount spent Rs. 169,797.00
31 March-4 April 2003 (MFB) – Total Amount spent Rs. 175,238.50
30 April-4 May 2003 (HMG) – Total Amount spent Rs. 196,431.80
26-30 May 2003 (HMG) – Total Amount spent Rs. 200,045.00
1-7 June 2003 (MFB) – Total Amount spent Rs. 24,446.00
20-24 June 2003 (WHO) – Total Amount spent Rs. 167,743.00
21-25 July 2003 (WHO) – Total Amount spent Rs. 194,922.00
25-29 August 2003 (WHO) – Total Amount spent Rs. 182,822.00
22-26 September 2003 (WHO) – Total Amount spent Rs. 170,671.00
28 October-1 November 2003 (MFB) – Total Amount spent Rs. 155,431.00
29 December 2003 – 2 January 2004 (MFB) – Total Amount spent Rs. 173,475.50
26-30 May 2004 (WHO) – Total Amount spent Rs. 366,250.00
30 July – 3 August 2004 (WHO) – Total Amount spent Rs. 351,502.00
23-27 August 2004 (HMG) – Total Amount spent Rs. 204,881.00
2-6 November 2004 (MFB) – Total Amount spent Rs. 199,287.50
22-26 November, 2004 (MFB) – Total Amount spent Rs. 94,807.00
29 November-3 December, 2004 (MFB) – Total Amount spent Rs. 92,260.00
6-10 December 2004 (MFB) – Total Amount spent Rs. 98,225.00
27-31 December 2004 (WB/DFID) – Total Amount spent Rs. 170,037.00

TOT on Research Management (1)

Training of Trainers (TOT) on Research Management organized by Nepal Health Research Council held in Hotel Himalaya, Lalitpur, Nepal on 21-24 May 2003.

(HMG matching fund for RF)

– Total Amount spent Rs. 257,792.25

Health Research Ethics related Training Workshop (1)

Training Workshop on Ethical Issues in International Health Research organized by NHRC and sponsored by *World Health Organization (WHO)* held in *B.P. Koirala Institute of Health Sciences (BPKIHS)*, Gopa, Dharan, Nepal , 8-11 July 2003 (WHO)

– *Total Amount spent Rs. 925,336.00*

Training Workshop on Data Management (1)

Training Workshop on Data Management for Health Research, 8-12 October 2004 (WHO)

– *Total Amount spent Rs. 219,750.00*

Environmental Health related Training Workshops (4)

Training Workshop on Distance Learning and Health Care Waste Management in Nepal held at Hotel Himalaya, 10-11 February 2004 (WHO)

– *Total Amount spent Rs. 147,355.00*

Training Workshop on Environmental Health Impact Assessment Guidelines Process organized held in Hotel Shankar, Lazimpat, Kathmandu, Nepal on 23 July 2003 (WHO)

– *Total Amount spent Rs. 70,000.00*

Training on possible expense and risk for health care waste and its management, Dhulikhel Resort, 11-12 November 2003 (WHO)

– *Total Amount spent Rs. 97,057.50*

Training workshop for EIA managers on environment health impact assessment process, Hotel Radisson, 12 December 2003 (WHO)

– *Total Amount spent Rs. 60,000.00*

Annex – II (b)

Status of Training Participants

The total number of health persons trained: 754

From WHO: 352

From HMG: 126

From MFB: 201

From WB/DFID: 26

From HMG matching fund to RF: 49

In 20 Training Workshops on Health Systems Research Methodology

No. of personnel trained: 492

30 January-3 February 2003 (HMG) – Total no. of participants 24

27 February-3 March 2003 (HMG) – Total no. of participants 21

31 March-4 April 2003 (MFB) – Total no. of participants 20

30 April-4 May 2003 (HMG) – Total no. of participants 25

26-30 May 2003 (HMG) – Total no. of participants 26

1-7 June 2003 (MFB) – Total no. of participants 21

20-24 June 2003 (WHO) – Total no. of participants 22

21-25 July 2003 (WHO) – Total no. of participants 24

25-29 August 2003 (WHO) – Total no. of participants 24

22-26 September 2003 (WHO) – Total no. of participants 27

28 October-1 November 2003 (MFB) – Total no. of participants 21

29 December 2003 – 2 January 2004 (MFB) – Total no. of participants 27

26-30 May 2004 (WHO) – Total no. of participants 25

30 July – 3 August 2004 (WHO) – Total no. of participants 27

23-27 August 2004 (HMG) – Total no. of participants 30

2-6 November 2004 (MFB) – Total no. of participants 28

22-26 November, 2004 (MFB) – Total no. of participants 28

29 November-3 December, 2004 (MFB) – Total no. of participants 26

6-10 December 2004 (MFB) – Total no. of participants 30

27-31 December 2004 (WB/DFID) – Total no. of participants 26

TOT on Research Management (1)

Training of Trainers (TOT) on Research Management organized by Nepal Health Research Council held in Hotel Himalaya, Lalitpur, Nepal, 21-24 May 2003.

(HMG matching fund for RF)

– *Total no. of participants 49*

Health Research Ethics related Training Workshop (1)

Training Workshop on Ethical Issues in International Health Research organized by NHRC and sponsored by *World Health Organization (WHO)* held in *B.P. Koirala Institute of Health Sciences (BPKIHS)*, Gopa, Dharan, Nepal, 8-11 July 2003 (WHO)

– *Total no. of participants 40*

Training Workshop on Data Management (1)

Training Workshop on Data Management for Health Research, 8-12 October 2004. (WHO)

– *Total no. of participants 24*

Environmental Health related Training Workshops (4)

– *Total no. of participants trained: 139*

Training Workshop on Distance Learning and Health Care Waste Management in Nepal held at Hotel Himalaya, 10-11 February 2004 (WHO)

– *Total no. of participants 56*

Training Workshop on Environmental Health Impact Assessment Guidelines Process organized by Nepal Health Research Council held in Hotel Shankar, Lazimpat, Kathmandu, Nepal, 23 July 2003 (WHO)

– *Total no. of participants 22*

Training on Possible Expense and Risk for Health Care Waste and its Management, Dhulikhel Resort, Dhulikhel, 11-12 November 2003 (WHO)

– *Total no. of participants 30*

Training Workshop for EIA Managers on Environment Health Impact Assessment Process, Hotel Radisson, Kathmandu, 12 December 2003 (WHO)

– *Total no. of participants 31*

Annex - III

Status of National Programs

The total number of programs conducted: 14

Under MBF	: 2
Under WHO	: 9
Under RF	: 2
Under ACS	: 1
(American Cancer Society – Tobacco)	

Total amount spent in all programs: Rs. 20,96,535.00

Meeting to strengthen collaboration & networking among all Health Libraries in Nepal, held in NHRC, 9 February 2003 (MFB).

Total amount spent: Rs. 94,477.00

Meeting on National Health Research Policy, held in NHRC, 18 February 2003 (WHO).

Total amount spent: Rs. 56,406.00

Meeting on Orientations and Advocacy on National Health Research Policy held in NHRC, 10 March 2003 (WHO).

Total amount spent: Rs. 65,289.00

National Meeting on Promoting Coordination between NHRC Ethical Review Board and other Ethical Review Committees organized by NHRC held in Hotel Himalaya, Lalitpur, Nepal, 19 May 2003 (RF)

Total amount spent: Rs. 84,511.00

Seminar on Tobacco Control in Nepal: Multisectoral Approach organized by NHRC and sponsored by American Cancer Society held in Hotel Himalaya, Lalitpur, Nepal, 30 May 2003 (ACS)

Total amount spent: Rs. 1,07,331.75

Consultative Meeting for the Development of Health Research Agenda for South Asia Region organized by NHRC held in Hotel Yak & Yeti, Durbar Marg, Kathmandu, Nepal, 4-5 June 2003 (RF)

Total amount spent: Rs. 7,47,973.00

Coordination Meeting of the Ethical Review Committee Members from various Organizations organized by NHRC and sponsored by WHO held in National Health Training Centre, Teku, Kathmandu, Nepal, 13 June 2003 (WHO)
Total amount spent: Rs. 54,171.00

Workshop on Sensitization of Policy Makers and Institutionalization of Environmental Health Impact Assessment Guidelines organized by Nepal Health Research Council held in Hotel Radisson, Lazimpat, Kathmandu, Nepal, 25 June 2003 (WHO)
Total amount spent: Rs. 2,80,150.00

Dissemination Workshop on Assessment of Air Quality and its Health Impacts, 28 July 2004 (WHO)
Total amount spent: Rs. 1,33,741.00

Dissemination workshop on assessment of noise pollution and development of criteria for its prevention & control, held in Hotel Himalaya, 8 August 2003 (WHO)
Total amount spent: Rs. 1,05,697.00

Dissemination Workshop on national EHIA guidelines and finalization of its supplementation procedures held in hotel Radisson, Lazimpat, Kathmandu, Nepal
(22 June 2004) (WHO)
Total amount spent: Rs. 1,15,000.00

Dissemination Seminar on Assessment of Ambient and Indoor Air Qualities and their Health Impacts, held in Hotel Shankar, Lazimpat, Katmandu, Nepal, 28 July 2004 (WHO)
Total amount spent: Rs. 1,16,000.00

Dissemination Seminar on Suitable Option for Treatment and Disposal of Hardardous Health Care Waste held in NHRC Seminar Hall, Ramshah Path, Katmandu, Nepal, 6 August 2004 (WHO)
Total amount spent: Rs. 1,11,825.00

Consultative Meeting on the Development of National Ethical Guideline for the Care and Use of Animals in Health Research in Nepal held in NHRC, 18 October 2004 (MFB)
Total amount spent: Rs. 23,964.

Annex - IV

Capacity Strengthening

In 2003

Six officers (one non NHRC staff, one NHRC permanent officer, and four NHRC project staffs) were trained in Research Management from Health Systems Research Institute (HSRI), Nonthaburi, Thailand, 19 January -2 February 2003 (WHO)

One officer was trained in Environment Impact Assessment (EIA) from Sweden, 4 May- 6 June 2003 (WHO)

One NHRC permanent research officer was trained in the Research Management from Health Systems Research Institute (ICMR), Nonthaburi, Thailand, 5-14 August 2003 (RF)

In 2004

Four NHRC permanent officers were trained in the Research Project Planning, Fund Raising Activities and Research Project Evaluation Process from the College of Public Health, Chulalongkorn University, Bangkok, Thailand, 2-8 July 2004 (WHO)

Five NHRC staffs (one NHRC member secretary, two permanent officers and two project staffs) attended the training on Research Methodology & Data Management in ICMR, New Delhi, 1-5 September 2004 (RF)

Annex - V

Status of Publications

In 2003

Third Annual Report of the Rockefeller Foundation's project entitled Capability Strengthening of Health Research Network in Nepal (Volume No. 1, 2 and 3)

Proceedings of the Training Workshop on Research Management

National Health Research Policy

Peer Reviewed ISSN (1727-5482) coded scientific journal named as Journal of Nepal Health Research Council (Vol. 1, No. 2)

Proceedings on Training Workshop on Ethical Issues in Health and Social Research in Nepal

Proceedings of the Coordination Meeting of the Ethical Review Committee Members from various Organizations

In 2004

Peer Reviewed ISSN (1727-5482) coded scientific journal named as Journal of Nepal Health Research Council (Vol. 2 No. 1 and Vol. 2 No. 2)

Ten Proceedings of Health Systems Research Methodology Training Workshops

Proceedings of Training Workshop on Data Management for Health Research

Final Report of Maryknoll Fathers & Brother and NHRC – Fives Years Joint Venture Project January 2000-December 2004

Desk Review of Macroeconomics and Health over the period of January 1999 – August 2004

Health and Poverty Profile of 75 Districts of Nepal

National Health Care Waste Management Guidelines

Annex - VI

Status of Health Research Projects Monitored and Supervised

Total number of research projects monitored and supervised: 74

- 1. Research Title:** Study Impact of Self-Health Care Package Intervention on the Self-Care Practice of Elderly Citizen in Kathmandu Valley
PI: Ms. Nandika Devi Shrestha
Inspection Site: Thapathali, Kathmandu
Date of Supervision: 4 January 2003
- 2. Research Title:** Leprosy: Socio-culture and Economics Dimensions
PI: Mr. Madan Ghimire
Inspection Site: Anandaban Leprosy Hospital, Lalitpur
Date of Supervision: 8 January 2003
- 3. Research Title:** Leprosy Plantar Ulcers: Patients Perception and Tradition Practice
PI: Mrs. Sabita Ghimire
Inspection Site: Anandaban Leprosy Hospital, Lalitpur
Date of Supervision: 8 January 2003
- 4. Research Title:** A Study on Knowledge and Attitudes of Nurses towards Cancer Pain Managements in Hospital Setting
PI: Ms. Roshani Laxmi Tui tui
Inspection Site: Institute of Medicine, Maharajgunj Nursing Campus
Date of Supervision: 13 January 2003
- 5. Research Title:** Molecular Study of the Tissue; Serum and Blood Specimen in Relation to Cancer and Other Diseases
PI: Dr. Bal Man Singh Karki
Inspection Site: BPKMCH, Bharatpur District
Date of Supervision: 19 January 2003

- 6. Research Title:** Evaluation of Early Detection Cervical Cancer Percursors by Visual Inspection with Acetic Acid (VIA) and Visual Inspection with Lugol's Iodine.
PI: Dr. Murari Man Shrestha
Inspection Site: BPKMCH, Bharatpur District
Date of Supervision: 19 January 2003
- 7. Research Title:** Study of Baseline Pulmonary Function Test and changes after Treatment with Bronchodilator and 2 Week of Systemic in 100 Patients of presumed COPD of Age Group 35 – 65 years
PI: Dr. Manoj Nepal
Inspection Site: Bir Hospital, Kathmandu
Date of Supervision: 21 January 2003
- 8. Research Title:** A survey of Hospital Waste Management in Bir Hospital, Teaching Hospital and Patan Hospital
PI: Mr. Kiran Sapkota
Inspection Site: Bir Hospital, Kathmandu
Date of Supervision: 24 February 2003
- 9. Research Title:** Socio-economic Impact of DOTs Strategy on Control of Tuberculosis at Bhaktapur District
PI: Mr. Laxmi Prasad Subedi
Inspection Site: Nangkhel Health Post
Date of Supervision: 13 March 2003
- 10. Research Title:** Community Screening for Exfoliation Syndrome Fond
PI: Dr. Suraj Shakya
Inspection Site: Khopasi Primary Health Center, Kavre District
Date of Supervision: 30 March 2003
- 11. Research Title:** Role of Ultra sonogram in the Diagnosis of Acute and Chronic Hepatic IVC Diseases
PI: Dr. Bijendra Raj Pradhan
Inspection Site: Bir Hospital, Kathmandu
Date of Supervision: 2 April 2004

- 12. Research Title:** Factors Affecting the Preference of Health Care Seekers for Acute Respiratory Infection in Nawalparasi District
PI: Mr. Madan Kumar Shrestha
Inspection Site: Nawalparasi District
Date of Supervision: 8 April 2003
- 13. Research Title:** Factors Affecting Low Coverage of Immunization Under 2 Years Age of Children in Nawalparasi District
PI: Ms. Sushila Devi Shrestha
Inspection Site: Nawalparasi District
Date of Supervision: 9 April 2003
- 14. Research Title:** Immunohistochemical Study in Tuberculosis Lymphadenitis
PI: Ms. Smritee Pokharel
Inspection Site: Patan Hospital
Date of Supervision: 22 April 2003
- 15. Research Title:** A Phase II, Prospective, Randomized, Double Bind, Placebo Controlled Field Efficacy Trail of GSKB Candidate Hepatitis E Vaccine in Nepal
PI: Dr. Robert Mc Nair Scott
Inspection Site: Shree Birendra Army Hospital, Chhauni, Kathmandu
Date of Supervision: 6 May 2003
- 16. Research Title:** Genetic Susceptibility to Helminthic Infection
PI: Ms. Sarah Williams
Inspection Site: Jiri Helminth Project, Dolakha District
Date of Supervision: 10 May 2003
- 17. Research Title:** Genetic and Environmental Influences on Childhood Growth
PI: Dr. Bradford Towne
Inspection Site: Jiri Helminth Project, Dolakha District
Date of Supervision: 11 May 2003

- 18. Research Title:** Role of Medicinal Plants used in Different Diseases in Hilly Region
PI: Dr. Bhuwan Poudel
Inspection Site: Lalitpur District
Date of Supervision: 20 May 2003
- 19. Research Title:** HIV/STI Sero-prevalence and Socio environmental Risk Factors among Pregnant Women in Pokhara, Nepal
PI: Dr. Junko Okumura
Inspection Site: SEDA, Pokhara
Date of Supervision: 14 June 2003
- 20. Research Title:** Multi Drug Resistance in Mycobacterium Tuberculosis Strain Isolated from Patients attending Regional Tuberculosis Center, Pokhara
PI: Dr. Sangeeta Dey
Inspection Site: Manipal Hospital, Pokhara
Date of Supervision: 15 June 2003
- 21. Research Title:** Behavioral and Sero-prevalence Survey among IDUs in Pokhara and Eastern Nepal
PI: Dr. Jim Ross, FHI
Inspection Site: New Era, Kathmandu & INF Pokhara
Date of Supervision: 16 June 2003
- 22. Research Title:** Impact of Zinc and Iron Folate Supplementation on Child Mortality (NNIPS-4)
PI: Dr. James Tielsch
Inspection Site: Sarlahi District
Date of Supervision: 22-27 June 2003
- 23. Research Title:** Impact of Newborn Skin and Umbilical Cord Cleaning with Chlorhexidine on Neonatal Mortality and Morbidity in Southern Nepal
PI: Dr. James Tielsch
Inspection Site: Sarlahi District
Date of Supervision: 22-27 June 2003

- 24. Research Title:** Use of Polymerase Chain Reaction (PCR) for the Diagnosis of Malaria in Nepal
PI: Dr. Prakash Ghimire
Inspection Site: Microbiology Department, TU, Kirtipur
Date of Supervision: 10 July 2003
- 25. Research Title:** Post Operative Wound Infection/Sepsis
PI: Dr. Manohar Lal Shrestha
Inspection Site: Bir Hospital, Kathmandu
Date of Supervision: 11 July 2003
- 26. Research Title:** Study of Practices Knowledge and Recipes of Traditional of Jaundice in Kathmandu District
PI: Dr. Rishiram Koirala
Inspection Site: Kathmandu
Date of Supervision: 14 July 2003
- 27. Research Title:** The Impact of Involving Husband in Antenatal Care in Kathmandu, Nepal
PI: Dr. Stan Beaker
Inspection Site: Prasuti Griha, Kathmandu
Date of Supervision: 9 July 2003
- 28. Research Title:** Homestead Food Production Programme
PI: Ms. Nalini Shakya
Inspection Site: Hellen Keller International, Kathmandu
Date of Supervision: 15 July 2003
- 29. Research Title:** Breast Milk Quality and Breast-feeding Patterns among Rural Lactating Nepalese Women
PI: Mr. Ram Kumar Shrestha
Inspection Site: NTAG, Nepal
Date of Supervision: 15 July 2003

- 30. Research Title:** A Rich Foods for Treaty Night Blindness in Pregnant Nepalese Women and Assessment of Fortified “Ultra Rice”
PI: Mr. Ram Kumar Shrestha
Inspection Site: NTAG, Nepal
Date of Supervision: 15 July 2003
- 31. Research Title:** A Linkage between Pregnancy and Domestic Prospective of Obstetricians, TBAs and recent Mothers
PI: Dr. Arzoo Deuba Rana
Inspection Site: SAMANATA, Ekantakuna, Lalitpur
Date of Supervision: 4 July 2003
- 32. Research Title:** Cervical Cancer Screening and Evaluation of the Comparative Efficacy of Single and Double Freeze Technique of Cryotherapy in Controlling CIN Lesions: A Multi-center Randomized Clinical Trial
PI: Dr. Erneline Eje Maranan
Inspection Site: Bashdol, Mahendra Jyoti VDC, Kavre District.
Date of Supervision: 29 July 2003
- 33. Research Title:** Early Detection of Cervical Cancer Precursors and Evaluation of the Comparative Efficacy of Single and Double Freeze Technique of Cryotherapy in Controlling CIN Lesions: A Multi-center Randomized Clinical Trial
PI: Dr. Aarati Shah
Inspection Site: Kamalbinayak, ward no.5, Bhakatpur District.
Date of Supervision: 1 August 2003.
- 34. Research Title:** Health and Nutrition Status of Primary School Children in Relation to School Program
PI: Dr. Uma Devi Chettri
Inspection Site: Kathmandu
Date of Supervision: 6 August 2003

- 35. Research Title:** A Study of Prevalence and Causes of Alcohol Consumption among Females in Sunsari District.
PI: Mr. Surya Raj Niruala
Inspection Site: BPKIHS, Dharan
Date of Supervision: 24 August 2003
- 36. Research Title:** A Community based Study on Prevalence and Risk Factors of Breast Lump among Reproductive Age Woman.
PI: Ms. Tara Shah
Inspection Site: BPKIHS, Dharan
Date of Supervision: 24 August 2003
- 37. Research Title:** Health Status of Primary School Children of Dhankuta and Sunsari
PI: Dr. Sagar Ratna Shakya
Inspection Site: BPKIHS, Dharan
Date of supervision: 25 August 2003
- 38. Research Title:** Study of Unmet Need for Family planning among Married Women of Reproductive Age in District of Eastern Nepal.
PI: Dr. Gajananda Bhandari
Inspection Site: BPKIHS, Dharan
Date of Supervision: 25 August 2003
- 39. Research Title:** Maternal Morbidity after Emergency Caesarian Section with and without Ruptured Amniotic Membrane
PI: Anu Kushwaha
Inspection Site: BPKIHS, Dharan
Date of Supervision: 26 August 2003
- 40. Research Title:** Ultra Sound in the Diagnosis of the Neck Masses
PI: Dr. Narayan Bikram Thapa
Inspection Site: BPKIHS, Dharan, Sunsari District
Date of Supervision: 26 August 2003

- 41. Research Title:** The Introduction of the Mycobacterium Lepral Lateral Flow Test for Leprosy Control
PI: Dr. Krishna Prasad Dhakal
Inspection Site: Netherland Leprosy Association, Biratnagar, Morang District
Date of Supervision: 27 August 2003
- 42. Research Title:** Pseudoexfoliation Syndrome: A Comparative Study of Prevalence among the Gurungs of High Altitude and Low Lands and Gurungs versus Tamangs and Sherpas.
PI: Dr. Suraj Shakya
Inspection Site: Dhumbarai, Baneswor, Kathmandu
Date of Supervision: 22 September 2003
- 43. Research Title:** Study on Nutrition Situation of Children and Mother in Mid- Western Region of Nepal
PI: Mr. Upendra Ray
Inspection Site: Regional food Lab, Nepalgunj
Date of Supervision: 29 September 2003
- 44. Research Title:** A Study on Compliance of Tuberculosis Patients with Treatment in DOTs Treatment Center in Banke, Bardiya and Surkhet District
PI: Mr. Ghanshyam Pokharel
Inspection Site: District Hospital, Bardiya
Date of Supervision: 1 October 2003
- 45. Research Title:** Prevalence of Hepatitis – B among Clinically Suspected Patients visiting Ayurveda Hospital
PI: Mr. Prakash Gyawali
Inspection Site: Nardevi, Kathmandu
Date of Supervision: 1 November 2003

- 46. Research Title:** Association of Retinopathy Hypertension and Ischaemic Heart Disease with Overt Proteinuria in type – 2 *Diabetes mellitus*
PI: Dr. Buddhi Prasad Poudel
Inspection Site: Bir Hospital, Kathmandu
Date of Supervision: 5 November 2003
- 47. Research Title:** Prevalence and Causes of Depression among Adult Population of Kirtipur Municipality, Kathmandu
PI: Ms. Usha Kiran Subba
Inspection Site: Kirtipur
Date of Supervision: 6 November 2003
- 48. Research Title:** A Study of the Knowledge, Attitude and Oral health Behaviour of Adults Attending the Bir Hospital Dentals, Department, Kathmandu
PI: Ms. Madhurima Bhadra
Inspection Site: United Mission, Thapathali, Kathmandu
Date of Supervision: 11 November 2003
- 49. Research Title:** Frequency of Post Craniotomy Bone Flap, Infection among Emergency and Elective Craniotomies.
PI: Dr. Nilam Kumar Khadka
Inspection Site: Bir Hospital, Kathmandu
Date of Supervision: 14 November 2003
- 50. Research Title:** Molecular Epidemiology of Malaria in Nepal Central Department of Microbiology, TU, Kathmandu
PI: Mr. Keshab Parajuli
Inspection Site: Tribhuvan University, Kirtipur
Date of Supervision: 17 November 2003
- 51. Research Title:** Delay Factors in the Utilization of EOC Services in Baglung Hospital: A Case Study among the Services Users within 6 Hours of Walking Distance
PI: Mr. Nur Prasad Pant
Inspection Site: Kathmandu
Date of Supervision: 18 November 2003

- 52. Research Title:** A Retrospective Study on Political Conflict Victims Treated in TUTH and Birendra Police Hospital (from 2052-2059 BS)
PI: Dr. Rohit Kumar Pokhrel
Inspection Site: Teaching Hospital, Mahargunj, Kathmandu
Date of Supervision: 19 November 2003
- 53. Research Title:** Diffusion of High Cost Medical Equipments in Nepal: Implications to Utilizations and Access
PI: Mr. Devendra Prasda Gywali
Inspection Site: Ministry of Health, Ramshah Path, Kathmandu
Date of Supervision: 20 November 2003
- 54. Research Title:** Role of Prostate Specific Antigenes in Differentiating Various Prostate Pathology
PI: Dr. Pravakar Kumar
Inspection Site: Teaching Hospital, Maharajgunj, Kathmandu
Date of Supervision: 23 November 2003
- 55. Research Title:** Reactive Thrombocytosis and their Relation with Different Platelets Parameters and Acute Phase Reactant CRP (C – Reactive Protein)
PI: Dr. Mohan Prasad Dahal
Inspection Site: Teaching Hospital, Maharjgunj, Kathmandu
Date of Supervision: 24 November 2003
- 56. Research Title:** Migration and Sexually Transmitted Diseases? HIV/AIDS: A Study among Mountain community of Mustang Community of Mustang District, Nepal
PI: Ms. Sumitra Devi Shrestha
Inspection Site: Kathmandu
Date of Supervision: 27 November 2003
- 57. Research Title:** Prevalence of Hepatitis B Infection in Patient attending Maternity Hospital at Kathmandu
PI: Dr. Sudhir Regmi
Inspection Site: TU Teaching Hospital, Maharjgunj, Kathmandu
Date of Supervision: 1 December 2003

- 58. Research Title:** Outcome of Anesthesia for the Children undergoing Surgery in Kanti Children Hospital
PI: Dr. Gautam Ratna Bajracharya
Inspection Site: Kanti Children, Maharajgunj, Kathmandu
Date of Supervision: 3 December 2003
- 59. Research Title:** The Risk of HIV Infections due to Occupational Expose among Health Care Workers in the Hospitals of Kathmandu and Pokhara; A Hospital based Study.
PI: Dr. Dwarika Prasad Shrestha
Inspection Site: TU Teaching Hospital, Maharajgunj, Kathmandu
Date of Supervision: 10 December 2003
- 60. Research Title:** Assessment of Therapeutic Efficacy of Antimalarial Drugs for Uncomplicated Falciparum Malaria in the Indo-Nepal of Jhapa District (Nepal)
PI: Dr. Padma Bahadur Chand
Inspection Site: Epidemiology and Disease Control Division, Teku Hospital, Kathmandu
Date of Supervision: 15 December 2003
- 61. Research Title:** Two New Leprosy Skin Test Antigens: MLSA-LAM and MLCWA Phase II Study in a Leprosy - Endemic Region
PI: Dr. Murdo Macdonald
Inspection Site: Anandaban Leprosy Hospital, Anandaban, Lalitpur
Date of Supervision: 22 December 2003
- 62. Research Title:** Study on Association of Helicobacter Pylori Infection with Acid peptic Diseases among Nepalese
PI: Dr. Shiba Kumar Rai
Inspection Site: Nepal Medical College, Attarkhel, Jorpati
Date of Supervision: 25 December 2003

- 63. Research Title:** Access to and Utilization of Health Services in the areas with and without Civil Conflict in Nepal: A Case for Tuberculosis Services through District Health Facilities
PI: Mr. Suresh Kumar Tiwari
Inspection site: Kathmandu
Date of Supervision: 28 December 2003
- 64. Research Title:** A Study on Anemia among Adolescent in the Selected Communities of Nepal
PI: Ms. Nira Joshi
Inspection Site: Teku Hospital, Kathmandu
Date of Supervision: 16 January 2004
- 65. Research Title:** Multi Drug Resistance in Microbacterium Tuberculosis Strains Isolated from Patients attending Regional Tuberculosis Center Pokhara, Nepal
PI: Dr. Sangeeta Dey Akoijom
Inspection Site: Manipal Hospital, Pokhara
Date of Supervision: 26 January 2004
- 66. Research Title:** Study on Prescribing Practice of Antibiotic Prophylaxis for Surgeries in Different Hospital in Pokhara Valley
PI: Ms. Nami Palikhe
Inspection Site: Manipal Hospital, Pokhara
Date of Supervision: 27 January 2004
- 67. Research Title:** Husband, Wife Communication and Family Planning Practices
PI: Mr. Arjun Prakash Regmi
Inspection Site: Pokhara
Date of Supervision: 28 January 2004
- 68. Research Title:** Intermediate Uveitis Components: Hospital based Study
PI: Dr. Om Kumar Malla
Inspection Site: Eye Hospital, Tripureswor, Kathmandu
Date of Supervision: 13 February 2004

- 69. Research Title:** Safer Motherhood Causes behind Uterus Prolapsed amongst Women in Dadeldhura District (Far Western)
PI: Dr. Arzu Deuba
InspectionSite: SAMANATA, Jawalakhel, Kathmandu
Date of Supervision: 10 March 2004
- 70. Research Title:** STI/HIV Prevalence and Risk Behavioral Study among Sex Workers and Truckers along the Terai Highway Routes Covering 22 Districts of Nepal
PI: Mr. Siddhartha Man Tuladhar
Inspection Site: New Era, Kathmandu
Date of Supervision: 18 March 2004
- 71. Research Title:** Sexually Transmitted and Blood – Borne Infection Prevalence in High Risk Population: Prevalence of HIV, Syphilla and related Risk behaviors among Female Sex Workers and their Clients in Kathmandu Valley and Pokhara and Surrounding Highways - an Evaluation Survey
Co-PI: Mr. Siddhartha Man Tuladhar
Inspection Site: New Era (Field Site – Gausala), Kathmandu
Date of Supervision: 22 March 2004
- 72. Research Title:** Effect of Calcitriol Therapy I Secondary Hyperparathyroidism in Maintenance Haemodialysis (MHD) Patients
PI: Dr. Rajani Hada
Inspection Site: Siddhartha Clinic and Bir Hospital, Kathmandu
Date of Supervision: 5 and 23 March 2004

73. Research Title: (i) Impact of Pneumococcal Nasopharyngeal Colonization and Zinc and Iron Supplementation on the Risk of Acute Lower Respiratory Infection, and
(ii) Impact of Newborn Skin and Umbilical Cord Cleansing with Chlorhexidine on Neonatal Mortality and Morbidity in Southern Nepal: A Community Based Randomized Trial

Co PI: Dr. Subarna Kumar Khatri
Inspection site: NIPPS Central Office, Tripureswor, Kathmandu
Date of Supervision: 31 March 2004

74. Research Title: An International Multicentre Trial for the Evaluation of a Four Drug Fixed combined Tablet Daily in the Initial Intensive Phase (2 Months) of Chemotherapy Followed by a Two Drug Fixed Dose combined Tablet Three Times a Week in the Continuation Phase (4 months) for the Treatment of Pulmonary Tuberculosis (Study C)

PI: Dr. Bhavana Pradhan
Inspection Site: TB Hospital, Kalimati, Kathmandu
Date of Supervision: 25 August 2004

Annex – VII

Status of Approved Health Research Proposals

Total number of research proposal approved: 41

- 1. Title:** HIV/STI Prevalence and Risk Behavioral study among Sex Workers and Truckers along the Terai Highway Routes covering 22 districts of Nepal.

PI: Dr. James L. Ross

Institute: FHI/Nepal

Approved Amount: US\$ 133,710.00

Funding Agency: Family Health International

Approved Year: 2003
- 2. Title:** Development and Validation of a hand held Scale for Categorizing Birth Weight in Low Resource Settings.

PI: Dr. Gary Darmstadt

Institute: Nepal Nutrition Intervention Project - Sarlahi

Approved Amount: US\$ 3,000.00

Funding Agency: John Hopkings Bloomberg School of Hygine and Public Health

Approved Year: 2003
- 3. Title:** Genetic & Environmental Influences on Childhood Growth.

PI: Mr. Bradford Jack Towne

Approved Amount: US\$ 40,000.00 per year

Institute: Jiri Helminth Project – Jiri, Dolakha

Funding Agency: National Institute of Health, USA

Approved Year: 2003

- 4. Title:** The Impact of Involving Husbands in Antenatal Care in Kathmandu, Nepal.
PI: Dr. Stan Becker
Approved Amount: US\$ 20,000.00
Institute: Maternity Hospital, Thapathali, Kathmandu
Funding Agency: John Hopkins Bloomberg School of Hygiene and Public Health
Approved Year: 2003
- 5. Title:** Early Detection Cancer Precursors and Evaluation of the Comparative Efficacy of Single & Double Freeze Technique of Cryotherapy in Controlling CIN Lesions: A Multicentre Randomized Clinical Trial.
PI: Dr. Aarati Shah
Approved Amount: US\$ 18,000.00
Institute: Bhaktapur Cancer Care Center, Bhaktapur
Funding Agency: IARC/WHO and Bhaktapur Cancer Care Center
Approved Year: 2003
- 6. Title:** A social Anthropological Study of Gender, Case and Tuberculosis in South Asian Context.
PI: Dr. Ulla-Brit Engelbrektsson
Approved Amount: US\$ 43,000.00
Institute: TLP/ENPHO
Funding Agency: Swedish Research Council
Approved Year: 2003
- 7. Title:** Field Evaluation of Novel Diagnostic Tests for Visceral Leishmaniasis: FD/DAT, rK39 & Latex Agglutination Urine Test.
PI: Dr. Shekhar Koirala
Approved Amount: US\$ 55,539.00
Institute: B.P. Koirala Institute of Health Sciences, Gopa, Dharan
Funding Agency: TDR/WHO
Approved Year: 2003

- 8. Title:** The Introduction of the Mycobacterium Leprae Lateral Flow Test for Leprosy Control.
PI: Dr. Krishna Prasad Dhakal
Approved Amount: Not mentioned
Institute: Netherland Leprosy Relief, Biratnagar
Funding Agency: Netherland Leprosy Relief
Approved Year: 2003
- 9. Title:** Cervical Cancer Screening and Evaluation of the Comparative Efficacy of Single & Double Freeze Technique of Cryotherapy in Controlling CIN Lesions: A Multicentre Randomized Clinical Trial.
PI: Dr. Ernelin Eje Maranan
Approved Amount: US\$ 18,000.00
Institute: NNCTR / INCTR, Banepa
Funding Agency: International Agency for Research on Cancer, France
Approved Year: 2003
- 10. Title:** HIV/STI Sero-Prevalence & Socio-Environmental Risk Factors among Pregnant Women in Pokhara.
PI: Dr. Junko Okumura
Approved Amount: Rs. 6,30,000.00
Institute: Institute of Medicine, Maharajgunj, Kathmandu
Funding Agency: The University of Tokyo
Approved Year: 2003
- 11. Title:** Prevalence & Risk Factors Associated with Sexually Transmitted Infections STIs among Transport Workers in Mid and Far Western Development Regions, Nepal.
PI: Mr. Bhimsen Devkota
Approved Amount: US\$ 10,000.00
Institute: Development Resource Center, Kathmandu
Funding Agency: Save the Children US
Approved Year: 2003

- 12. Title:** Studies to Improve the Treatment of Acute Leprosy Reversal Reactions: A Proposal to Use Short Course High Dose Methyl Prednisolone in the Initial Treatment of Acute Reversal Reaction in Leprosy.
- PI:** Dr. Murdo Macdonald
- Approved Amount:** Not mentioned
- Institute:** Anandaban Leprosy Hospital
- Funding Agency:**
- Approved Year:** 2003
- 13. Title:** A Linkage between Pregnancy and Domestic Prospective of Obstetricians, TBAS and Recent Mothers.
- PI:** Dr. Arjoo Deuba Rana
- Approved Amount:** US\$ 17,768.00
- Institute:** SAMANTA, Kathmandu
- Funding Agency:** The Population Council, New York
- Approved Year:** 2003
- 14. Title:** Impact of Pneumococcal Nasopharyngeal Colonization and Zinc and Iron Supplementation of the Risk of Acute Lower Infection.
- PI:** Dr. James M Tielsch
- Approved Amount:** US\$ 20,000.00
- Institute:** Nepal Nutritional Intervention Project - Sarlahi
- Funding Agency:** US National Institute of Health
- Approved Year:** 2003
- 15. Title:** A Study on Anemia among Adolescent in the Selected Communities of Nepal.
- PI:** Ms. Nira Joshi
- Approved Amount:** US\$ 306.00
- Institute:** Nutrition Section, Child Health Division
- Funding Agency:** JICA
- Approved Year:** 2003

- 16. Title:** Access to and Utilization of Health Services in the Areas with an without Civil Conflict in Nepal: A Case for TB services through District Health Facilities.
- PI:** Mr. Suresh Kumar Tiwari
- Approved Amount:** US\$ 5,973.00
- Institute:** Faculty of Public Health, Chulalongkorn University
- Funding Agency:** CEDA
- Approved Year:** 2003
- 17. Title:** Assessment of Experience, Mental Health Associated Disability Among Internally Displaced Persons in Nepal.
- PI:** Dr. Suraj Bahadur Thapa
- Approved Amount:** US\$ 8,000.00
- Institute:** University of Oslo, Norway
- Funding Agency:** University of Oslo
- Approved Year:** 2003
- 18. Title:** Intervention Study to Improve Anemia among Adolescent Girls.
- PI:** Mr. Ram Kumar Shrestha
- Approved Amount:** US\$ 24,620.00
- Institute:** NTAG
- Funding Agency:** Micronutrient Initiative
- Approved Year:** 2003
- 19. Title:** Assessment of Therapeutic Efficacy of Antimalarial Drugs for Uncomplicated P. falciparum Malaria in the Indo-Nepal Border Areas of Jhapa District (Nepal).
- PI:** Dr. Padam Bahadur Chand
- Approved Amount:** US\$ 29,205.00
- Institute:** EDCD, Teku
- Funding Agency:** EHP/USAID
- Approved Year:** 2003

- 20. Title:** Migration and Sexually Transmitted Diseases/HIV/AIDS: A Study among mountain community of Mustang District Nepal.
- PI:** Ms. Sumitra Devi Shrestha
- Approved Amount:** US\$ 1,311.00
- Institute:** University of Oslo
- Funding Agency:** University of Oslo
- Approved Year:** 2003
- 21. Title:** The Prophylactic Acetazolamide Dosage Comparison for Efficacy (PACE) trial
- PI:** Dr. Buddha Basnyat
- Approved Amount:** Rs. 150,000.00
- Institute:** Himalayan Rescue Association
- Funding Agency:** Self
- Approved Year:** 2003
- 22. Title:** Rapid Appraisal Assessment of Community Drug Programme.
- PI:** Mr. Tej Hari Ghimire.
- Approved Amount:** US\$ 2,840.00
- Institute:** Society for Integrated Allied Nepal
- Funding Agency:** Not mentioned
- Approved Year:** 2004
- 23. Title:** Behavioral and Sero Prevalence Survey among IDU's in the Selected Sites of Nepal.
- PI:** Ms. Asha Basnyat
- Approved Amount:** US\$ 113,765.00
- Institute:** New Era, Kathmandu
- Funding Agency:** FHI
- Approved Year:** 2004

- 24. Title:** An Evaluation of Arrest of Caries Techniques in Nepali School Children
- PI:** Ms. Dhana Lama
- Approved Amount:** US\$ 10,922.00
- Institute:** United Mission to Nepal
- Funding Agency:** UMN
- Approved Year:** 2004
-
- 25. Title:** Community Intervention to Improve Child Survival in Rural Nepal: a Cluster, Randomized Controlled Trail of the Impact of Women's Groups on Perinatal and Neonatal mortality and Maternal and Infant Nutrition, augmented by Treatment of Neonatal Sepsis by Community Volunteers.
- PI:** Professor (Dr.) Dharma Sharna Manandhar
- Approved Amount:** US\$ 111,000.00
- Institute:** Mother and Infant Research Activities
- Funding Agency:** Institute of Child Health, London, UK
- Approved Year:** 2004
-
- 26. Title:** An International Multicentre Trial for the Evaluation of a Four-Drug Fixed Dose combined Tablet Daily in the Initial Intensive Phase (2 Months) of Chemotherapy followed by a Two-drug fixed Dose combined Tablet Three Times a Week in the Continuation Phase (4 months) for the Treatment of Pulmonary Tuberculosis (Study C)
- PI:** Dr. Bhabhana Shrestha
- Approved Amount:** US\$ 37,444.82
- Institute:** Nepal Tuberculosis Project
- Funding Agency:** International Union against Tuberculosis and Lung Diseases(IUTLD), Paris, France
- Approved Year:** 2004

- 27. Title:** Endocrine Changes as Risk Factors for Leprosy Reaction
PI: Dr. Bijaya Devi Paudel
Approved Amount: US\$ 35,130.28
Institute: Lalgadh Leprosy Service Centre, Lalgadh Hospital, Dhanusa
Funding Agency: American Leprosy Mission, USA
Approved Year: 2004
- 28. Title:** Analytical Study of Diarrheal Parasitic Infections with Respect to Socio- Economic Factors in Rautahat District of Nepal.
PI: Mr. Dipak Gupta
Approved Amount: Rs. 238,625.00
Institute: Department of Zoology, TU, Kirtipur
Funding Agency: WHO
Approved Year: 2004
- 29. Title:** Growth and Gut Damage: a New Hypothesis
PI: Dr. Catherine Panter Brick
Approved Amount: US\$ 20,390.00
Institute: Department of Anthropology, University of Durham, UK
Funding Agency: University of Durham, UK
Approved Year: 2004
- 30. Title:** Human Adaptation to High-Altitude Hypoxia
PI: Dr. Droma Yunden
Approved Amount: US\$ 9,300.00
Institute: Department of Internal Medicine, School of Medicine, Shinshu University
Funding Agency: Japan Society for the Promotion of Science, Tokyo, Japan
Approved Year: 2004

- 31. Title:** Evaluation of Saliva tests for Diagnosis of Visceral leishmaniasis.
PI: Dr. Veerle Lejon
Approved Amount: US\$ 5,000.00
Institute: Prince Leopold Institute of Tropical Medicine, Brussel, Belgium
Funding Agency: Prince Leopold Institute of Tropical Medicine, Brussel, Belgium
Approved Year: 2004
- 32. Title:** Follow up of Repeat Community Treatment of Endemic Trachoma with Oral Azithromycin.
PI: Dr. Tom Mark Lietman
Approved Amount: US\$ 10,000.00
Institute: Proctor Foundation, University of California, San Francisco
Funding Agency: National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, USA
Approved Year: 2004
- 33. Title:** Health Impact of the Dhanusha Community Drinking Water and Sanitation Project: A Model for Self Sustaining Community - Based Development Phase - I.
PI: Professor (Dr.) Annette L Fitzpatrick
Approved Amount: US\$ 4,200.00
Institute: University of Washington
Funding Agency: Puget Sound Partners for Global Health, Seattle, WA
Approved Year: 2004
- 34. Title:** Mapping Genes for Neurocognitive Endophenotypes.
PI: Dr. Susan Louise Santangelo
Approved Amount: US\$ 40,000.00
Institute: Massachusetts General Hospital, Harvard Medical School and Harvard School of Public Health
Funding Agency: National Institute of Mental Health, NIH, USA
Approved Year: 2004

- 35. Title:** Baseline Survey in Baitadi, Darchula, Salyan and Dailekh District for the Mother and Child Health Care (MCHC) Activity.
PI: Dr. Yagya Bahadur Karki
Approved Amount: US\$ 34,738.00
Institute: Valley Resaearch Group
Funding Agency: United Nations World Food Program, Nepal Country Office, UN House
Approved Year: 2004
- 36. Title:** A Study on Puerperal Infection in Nepal (Comparisons of Life Conditions between Uban and Rural Areas).
PI: Ms. Yog Maya Bhandari
Approved Amount: Not mentioned
Institute: Mie University School of Medicine, Department of Nursing
Funding Agency: Self
Approved Year: 2004
- 37. Title:** Study of CD36 and HTLV-1 in Human
PI: Dr. Dhanpati Neupaney
Approved Amount: Not mentioned
Institute: Hokkaido university & Rakuno Gakuen University
Funding Agency: Self
Approved Year: 2004
- 38. Title:** Sexually Transmitted and Blood-borne Infection Prevalence Assessment In High-risk Populations: An Assessment of HIV and STI Prevalence And Behavioral risks among Men who have Sex with Men in Kathmandu, Nepal.
PI: Dr. Laxmi Bilas Acharya
Approved Amount: US\$ 94,377.00
Institute: Family Health International - Nepal
Funding Agency: Family Health International - Nepal
Approved Year: 2004

- 39. Title:** Japanese Encephalitis Surveillance in Nepal
PI: Dr. Sanjaya Kumar Shrestha
Approved Amount: US\$ 78,000.00
Institute: Armed Forces Research Institute of Medical Sciences (AFRIMS)
Funding Agency: Program for Appropriate Technology in Health (PATH), Washington, USA
Approved Year: 2004
- 40. Title:** Indoor Air Pollution as risk Factor for Pulmonary Tuberculosis - A Case Control Study
PI: Dr. Sharat Chandra Verma
Approved Amount: US\$ 10,000.00
Institute: Department of Community Medicine, Manipal College of Medical Sciences
Funding Agency: Fogarty International Center, NIH
Approved Year: 2004
- 41. Title:** A Randomized Controlled Clinical Trial Comparing Ginkgo Biloba versus Diamox Ginko Plus Diamox and Placemo for the Prevention of Acute Mountain Sickness (AMS)
PI: Dr. Luanne Freer
Approved Amount: US\$ 3,402.00
Institute: Yelowstone National Park, WY
Funding Agency: Wilderness Medical Society, Colorado Springs, USA
Approved Year: 2004

Annex - VIII

Status of Travel Grants

Total travel grants provided: 3

- (1) *Title of Paper:* Tuberculosis and DOTS – An Nepal Overview
Title of Program: Pre General Assembly Workshop on Stop Tuberculosis at the International Federation of Medical Students' Association (IFMSA)
Venue: Egmond aan Zee, Netherland
Date: 31 July - 3 August 2003
Travel Grant: US\$ 500.00
Paper Presenter: Dr. Supratik Rayamajhi
- (2) *Title of Paper:* Study of Weight Gain after Pregnancy Important Area to give Attention to Prevent Obesity in Women in Urban Areas
Title of Program: 18th International Diabetes Federation Congress and the Associated Satellite Symposia
Venue: Paris, France
Date: 24-29 August 2003
Travel Grant: US\$ 500.00
Paper Presenter: Dr. Madur Dev Bhattarai, Bir Hospital, Kathmandu
- (3) *Title of Paper:* Review of Vegetable IPM Activities through Farmers Field School (FFS) in Nepal
Title of Program: Agriculture Conference
Venue: Australia
Date: 18-21 August 2004
Travel Grant: US\$ 500.00
Paper Presenter: Mr. Bishwanath Prasad Yadav

Annex - IX

Status of NHRC Representation in various National and International Programs

Total number of programs represented by NHRC: 19

International

1. Meeting on Data Safety & Monitoring Board of Vitamin A project run by NNIPPS held in Baltimore, USA on 14-15 July 2003.
2. 4th Seminar on Food and Water Borne Parasitic Zoonoses, The 2nd International Meeting on Gnathostomiasis and Joint International Tropical Medicine Meeting 2003 organized by Faculty of Tropical Medicine, Mahidol University, Thailand, SEAMO TROPMED Network Parasitology and Tropical Medicine Association of Thailand, TROPMED Alumni Association, Danish Centre of Experimental Parasitology, and Faculty of Chemical and Biological Science, University of Sinaloa, Mexico held in the Siam City Hotel, 477 Si Ayuthaya Road, Phayathai, Bangkok, Thailand on 2-4 December 2003.
3. Meeting to link up various modalities of cross boarder issue of South Asian Countries held in Indian Concil of Medical Research, New Delhi on 15-16 December 2003.
4. Workshop on Ethical and Legislative Aspects in International Collaborative Research in Chennai, India on 15-17 January 2004.
5. Third Bi-regional Partners' Meeting on Harm Reduction among Injecting Drug Users held in Melbourne, Australia on 19-20 April 2004 and 15th International Conference on the Reduction of Drug Related Harm, held in Melbourne, Australia on 20-24 April 2004.
6. Ministerial Summit on Health Research held in Mexico City, Mexico on 16-20 November 2004.
7. Global Forum for Health Research held in Mexico City, Mexico on 16-20 November 2004.

National

1. National Workshop on Review of Post-Graduate Medical Education Management in Nepal organized by National Academy of Medical Sciences (NAMS) and sponsored by WHO held in Hotel Himalaya, Lalitpur, Nepal on 16 April 2003.
2. Consultative Meeting on Fortification of Wheat Flour with Iron and other Micronutrient(s) organized by Department of Food Technology & Quality Control, Ministry of Agriculture & Co-operatives and sponsored by HMG/ N Micronutrient Initiative (MI), Nepal held in The Blue Star Hotel, Tripureshwor, Kathmandu, Nepal on 21 July 2003.
3. Workshop on Finalization of Snakebite Management Guidelines organized by Epidemiology and Disease Control Division (EDCD), Department of Health Services, MoH held in Hotel Himalaya, Lalitpur, Nepal on 24-25 July 2003.
4. Inceptional Workshop on Implementation of the Stockholm Convention on Persistent Organic Pollutants (POPs) enabling Activities in Nepal, organized by MOPE on 14-15 January 2004.
5. Air Quality Management Training conducted by the Asian Development Bank and the Ministry of Population and Environment in Kathmandu, Nepal on 2-6 August 2004.
6. National Workshop on Household Energy, Indoor Air Pollution and Health Impacts organized by Winrock International, Nepal held in Hotel Yak & Yeti, Durbar Marg, Kathmandu, Nepal on 27 August 2004.
7. Workshop on Household Energy, Indoor air Pollution and Health Impacts' organized by Winrock International on 27 October 2004.
8. Seminar on Dissemination and Discussion of National Environmental Impact Assessment (NEIA) Guideline (Draft) for Solid Waste Management for the Municipalities of Nepal on 10 November 2004.

9. Brainstorming Meeting for Prioritizing Issues and Expected Results under Environmental Health Areas of Work for Nepal (Biennium Cycle: 2006-2007) held in Narayani Hotel, Pulchowk, Kathmandu, Nepal on 23-24 November 2004.
10. 3rd Seminar of the Clean Kathmandu Valley Study organized by MOLD on 25 November 2004.
11. Workshop on Strategy for Integrated Air Quality Management System for Nepal' organized by RETA-6159 – Regional Air Quality Management in the South Asia Economic Corporation (SASEC) Member Countries, implemented by Ministry of Population and Environment on 30 November 2004.
12. First SAARC Conference on TB, HIV/AIDS and Respiratory Diseases organized by SAARC Tuberculosis Centre, Bhaktapur, Nepal held in Hotel Yak & Yeti, Durbar Marg, Kathmandu, Nepal on 14-17 December 2004.

Annex - X
Status of NHRC Executive Board Meetings
Total number of board meetings conducted: 23

2003

<u>S.N.</u>	<u>Meetings</u>	<u>Dates</u>
1.	94 th Board Meeting	2059-09-26
2.	95 th Board Meeting	2059-10-03
3.	96 th Board Meeting	2059-12-05
4.	97 th Board Meeting	2059-12-10
5.	98 th Board Meeting	2060-02-23
6.	99 th Board Meeting	2060-03-18
7.	100 th Board Meeting	2060-04-14
8.	101 st Board Meeting	2060-05-05
9.	102 nd Board Meeting	2060-06-05
10.	103 rd Board Meeting	2060-07-13
11.	104 th Board Meeting	2060-08-26

2004

<u>S.N.</u>	<u>Meetings</u>	<u>Dates</u>
1.	105 th Board Meeting	2060-09-29
2.	106 th Board Meeting	2060-11-12
3.	107 th Board Meeting	2061-04-01
4.	108 th Board Meeting	2061-05-08
5.	109 th Board Meeting	2061-05-28
6.	110 th Board Meeting	2061-07-25
7.	111 th Board Meeting	2061-08-25
8.	112 th Board Meeting	2061-11-28
9.	113 th Board Meeting	2062-01-07
10.	114 th Board Meeting	2062-02-10
11.	115 th Board Meeting	2062-03-06
12.	116 th Board Meeting	2062-04-17