

Editorial

CIPRB has been engaged in injury prevention research since its inception. The major innovations of the centre for prevention of child injuries including drowning are “Anchal” (community crèche) for children under fives and “SwimSafe” (survival swimming teaching) for children 4-10 year olds. Recently CIPRB has expanded its activities beyond injury prevention which include reproductive and child health issues and quality improvement of health facilities. The recent innovation of the centre in RCH is “Maternal and perinatal death mapping”. This mapping helps local level managers to identify high risk locations and to strengthen maternal and neonatal health services to prevent the unwanted deaths.

We have been disseminating the progress of our activities through our quarterly newsletter in printed form. From this issue onward we will publish it electronically and send to you through email. The newsletter will also be available in our website. Please visit our website: www.ciprb.org

Contents

News

- “Saving of Lives from Drowning (SoLiD) in Bangladesh” Project Launch
- CIPRB won the first prize
- A breakthrough in Nadia and Shourav’s lives
- Lifeguard training in Cox’s Bazar sea beach
- SwimSafe competition
- Dr Animesh won Second UN Global Road Safety Week photo contest
- Dr Kamran ul Baset achieved PhD
- CIPRB’s doctoral fellows
- UNICEF’s intern visited project area
- New staff in CIPRB

Training/Meeting Conference/Workshop

- Dr. Mashreky attended the workshop on Health kitchen and Healthy Cities in Katmandu Nepal
- Prof. Dr. AKM Fazlur Rahman was invited by University Putra Malaysia
- CIPRB organized and participated in the training on Near Accident Methodology
- Emergency Management of Severe Burn (EMS) Course
- CIPRB researchers attended World Conference on Drowning Prevention in 2013

- Review meeting on Pilot Implementation of “Quality Improvement System in MNH Services” at Thakurgaon and Jamalpur districts
- Dr. Mashreky and Dr. Atiqul Haque attended workshop and research meetings, in Karlstad University, Sweden
- Engineer Arif Uddin attended Transportation Planning and Safety Training

Research

- SoLiD: a child drowning prevention research
- IYCF integration in maternal and child health program: experience from rural and urban setting in Bangladesh

NEWS

“Saving of Lives from Drowning (SoLiD) in Bangladesh” Project Launch



“Saving of Lives from Drowning (SoLiD) in Bangladesh” project officially launched on Thursday, February 27, 2014 with a national seminar at Sasakawa

Auditorium, icddr,b. The chief guest of the occasion was Mr. MM Neazuddin, Secretary, Ministry of Health and Family Welfare and featured special guests Mr. Ganesh Chandra Sarkar, Director General, DGFP; Prof. Dr. Deen Mohd. Noorul Huq, Director General, DGHS and Dr. Kelly Henning, Director of Public Health at the Bloomberg Philanthropies. Special guests gave their speeches in the seminar. Welcome note was given by Dr. John David Clemens, Executive Director, icddr,b and key note presented by Dr. Shams El Arifeen, Director of Child and Adolescent Health icddr,b; Dr. Aminur Rahman, Director of the International Drowning Research Centre-Bangladesh, CIPRB; and Dr. Olakunle Alonge, the Program Manager for SoLiD at the Johns Hopkins Bloomberg School of Public Health.

The joint-chief hosts for the seminar are Prof. Dr. AKM Fazlur Rahman, Executive Director, CIPRB; Dr. Shams El Arifeen, Director of Child and Adolescent Health, icddr,b and Dr. Adnan Hyder, the project lead and Director of JH-IIRU. The event was chaired by Dr.

Abbas U Bhuiya, Deputy Executive Director, icddr,b. Over 100 hundred participants including government officials, representatives from the development partners, civil society, NGOs, academia, researchers, CIPRB and icddr,b officials, journalists and allied stakeholders took part in the event.

The Chief Guest, Mr. MM Neazuddin, Secretary, Ministry of Health and Family Welfare emphasized that effective interventions are needed to identify for the prevention of child drowning in Bangladesh.

CIPRB won the first prize

CIPRB won the first prize for the research paper “Cost-Effectiveness on an Injury and Drowning Prevention Program in Bangladesh” presented by Dr. AKM Fazlur Rahman, Executive Director, CIPRB in the 27th International Congress of Pediatrics (ICP) 2013, The congress was held during 24 to 29 August 2013 at Melbourne, Australia.

The ICP 2013 focused on promoting and improving child and adolescent health and setting it as a priority on the

world agenda, specifically on “Bridging the gaps in child and adolescent health”. More than 5,000 international leading experts in the field of Pediatrics joined together, and presented opinions, strategies, methodologies, and treatment gaps and practices related to pediatric and adolescent health care.

A breakthrough of Nadia and Shourav’s lives

With the help of Rory Bain and Corey Eisensten of Cracked in the Head Films, CIPRB established an educational award program for two Bangladeshi children, Nadia Tabassum Nurjahan and Shourav Kumer Urao, the students of grade five in a school in Raiganj of Sirajganj district.



Nadia and Shourav receiving award

Recently Nadia’s two sisters drowned in a local pond nearby their house. She was very

shocked with the incident and stopped going to school. As a very close friend of Nadia, Shourav used to provide mental support to her. The boy comes from a very poor and ethnic family. Considering the situation Rory and Corey chose Nadia and Shourav as the most deserving candidates for the award.

The award giving ceremony was formally launched on 27 June 2013. Md. Firoz Shah, UNO was the chief guest, Md. Aminul Islam Shihab, Vice Chairman of upazila parishad was the special guest and Dr. Md. Abdur Razzaq, UH and FPO chaired the ceremony. Dr. Saidur Rahman Mashreky, Director, CIPRB delivered the welcome speech and briefly discussed the program and its objectives.

Lifeguard training in Cox's Bazar sea beach



Since 2011 the CIPRB in collaboration with Royal National Life Boat Institutions (RNLI) and

Cox's Bazar Life Saving and Surfing Club have been conducting the SeaSafe programme in Cox Bazar. Over the past two years the Cox's Bazar Life Saving and Surfing Club have matured with enough capacity to deliver and maintain volunteer patrols and provide quality life saving training for new and existing volunteers and external organizations.



Life saving training

SwimSafe competition

Since 2006 under SwimSafe programme 2,961 instructors were trained and over 343,000 children were taught life saving swimming skills in 19 different districts of Bangladesh. Every year CIPRB arrange a swimming competition with the SwimSafe graduates of rural and urban locations in the SwimSafe project areas. The programme has been funded by UNICEF.

This year 150 Swimming competitions were organized in all swimming venues both in urban and rural areas. A Total of 42,852 children attended in these competitions. This swimming competition encouraged graduates of the SwimSafe programme to continue practicing their swimming skills and encouraged other children to join the SwimSafe programme.

Dr Animesh won Second UN Global Road Safety Week photo contest

CIPRB professional Dr Animesh Biswas won first place in an international photo ompetition on Second UN Global Road Safety Week photo contest of The Johns Hopkins nternational Injury Research Unit (JH-IIRU). The winning photo has been displayed at facebook cover page of The Johns Hopkins International Injury Research unit.



JHIIIRUnit link: <https://www.facebook.com/JohnsHopkinsInternationalInjuryResearchUnit>

**Dr. Md Kamran ul Baset
 achieved PhD**



Dr. Md Kamran ul Baset successfully achieved his PhD from the University of the West of England, Bristol, UK. His study area was “Road traffic injury prevention in children in rural Bangladesh”. Professor Elizabeth Towner was his director of studies; Professor Selena Gray and Dr. Charles Musselwhite were his Supervisors. The CIPRB Executive Director, Prof. Dr. AKM Fazlur Rahman, was his advisor. CIPRB family celebrated his achievement with pride.

**CIPRB doctoral fellows
 Farzana Islam**

Dr. Farzana Islam (MD, MPH), Research Associate, CIPRB has been enrolled in PhD programme at the Department of Medical Science with a Specialization in Healthcare Sciences, Örebro University, Örebro, Sweden in September 2012. Her PhD programme is supervised by Associate Professor Koustuv Dalal, Professor Charli Eriksson of Örebro University, Sweden, and Dr. Aminur Rahman and Dr. AKM Fazlur Rahman of CIPRB.



Farzana with her teachers and course mates

Her research title is “Designing a model quality improvement system for maternal and neonatal health care at facilities in Bangladesh: implication for low income countries”.

Md Abu Talab

Md. Abu Talab, Senior Statistician and Demographer of CIPRB, completed his PhD Part-1



from Jahangirnagar University in 2013. The title of his research activity is “Causes and consequences of morbidity and mortality due to injuries in Bangladesh-Implication for development countries”.

**UNICEF’s intern visited
 project area**

Ms. Kumiko Goto, intern at health section of UNICEF-Bangladesh visited Raiganj in June 2013. She observed the child drowning prevention

activities in CIPRB field area, Raiganj. Here she shares her observation on her visit to Raiganj.

“I had been looked forward to visiting CIPRB’s field site for a long time because CIPRB is one of the pioneer organizations to combat the issues on child drowning in Bangladesh. At the site of swimming pool and pond facilitated in CIPRB field office and community, children were eager to learn how to swim with trainer. By seeing enthusiasm in children’s face and dedicated trainer’s guidance, I became confident that this practical lesson will save lots of children’s valuable lives as well as enhancing their safety awareness to drowning.



Ms. Kumiko meets children at an Anchal

At Anchal centre which has unique component of crèche produced by CIPRB, lots of adorable small children welcomed me. Children looked so happy to sing songs and

dance with Anchal mother's facilitation. Children are motivated to learn from the early stage of their life, which I believe this opportunity is essential for physical and mental development for children's life as well as protecting them from drowning.

Lastly, by observing the dedication toward the work in CIPRB's staff encouraged me to study more to save the children's lives from injury and I became to think that I want to work with such a dynamic team in the future.

New staff in CIPRB

Sangeeta Barua



Sangeeta Barua accomplished her MBA major in HRM from State University of Bangladesh (SUB) and also completed Masters in English from Eden Govt. Mohila College.

Previously she worked at M&Z Securities Ltd., as General Manager (Admin). Now attached at CIPRB, as Communication Officer, on 2nd June 2013. She is also performing the responsibilities as HR and Admin Officer from December 2013.

Asma ul Hosna



Asma ul Hosna has seventeen years experience in cultural arena of Bangladesh. She studied in Drama and Dramatics at Jahangirnagar University and completed her Masters in Direction in 2004. She has enjoys working with women and children for promotion and protection of their rights through capacity building, empowerment, networking and advocacy. Recently in December 2013 she joined CIPRB as Training Coordinator under SoLiD project. She also provides support to the communication department of the centre.

MD. Arif Uddin



Engineer MD. Arif Uddin completed his BSc in Civil Engineering from Bangladesh University of Engineering and Technology in 2012. He has working experience with International Road Safety Program (iRAP) and BRTC-BUET. His responsibility is to coordinate Road Safety Project and assisting in RTi research centre operational activities.

Tajkera Noor



Dr. Tajkera Noor joined CIPRB as Research Associate on 15th September 2013. Her speciality is in Public Health. In 2005 she completed her Masters in Public Health from Umea University, Sweden. Earlier in 1999 she acquired her MBBS from Dhaka University. Before joining CIPRB she worked for Naripokkho as Project Officer.

TRAINING / MEETING/CONFERENCE/ WORKSHOP

Dr. Mashreky attended the workshop on Health kitchen and Healthy Cities in Katmandu Nepal

During 9-11th December 2013 Dr. Mashreky attended the workshop on Health kitchen and Healthy Cities in Katmandu Nepal. He was invited as technical expert from Bangladesh.



Objective of the workshop was to identify major health issues and their corresponding risk factors in the kitchen and develop a framework for intervention. Dr. Prabin Mishra, Secretary of State, Ministry of Health and Population, including potential donors and the partner organizations attended the session on final day.

Dr. Mishra appreciated the project and its focus on the health of the urban poor. He urged everybody to think of

“health beyond health” and focus on the factors that influence health.

Prof. Dr. AKM Fazlur Rahman was invited by University Putra Malaysia

Prof. Dr. AKM Fazlur Rahman, Executive Director, CIPRB attended a stakeholder meeting on Drowning Prevention Among Children in Malaysia on 09 October 2013 organized by Safe Kids Malaysia, Faculty of Medicine and Health Sciences, University Putra Malaysia (UPM).



Dr Rahman was invited by UPM as one of the global leading experts in drowning prevention to join during the meeting. He delivered the presentation on “Childhood Drowning Prevention: Bangladesh Experiences”.

CIPRB organized and participated in the training on Near Accident Methodology

A training on Near Accident Methodology was held during 21-26 May 2013 at CIPRB conference room. The training was facilitated by Dr. Ir. A. Richard A. van der Horst, from Safe Crossings, The Netherlands. Prof. Dr. Md. Mazharul Haque from BUET was the chief guest at the inaugural ceremony of the training.



The trainer, the chief guest and ED of CIPRB with all the trainees

Purpose of the training was to provide training on near-accident methodology: a leading methodology for the measurement of road safety at black spots.

Emergency Management of Severe Burn (EMSB) Course

CIPRB organized two courses on Emergency Management of Severe Burn (EMSB) at BCPS venue on 14 and 15 June 2013.

CIPRB researchers attended World Conference on Drowning Prevention in 2013

Three drowning prevention researchers namely Dr. Aminur Rahman, Dr. Mohammad Jahangir Hossain and Dr. Animesh Biswas participated and presented scientific research papers in world conference on drowning prevention in Potsdam, Berlin in 20-22 October 2013. A total of five papers related to drowning prevention in Bangladesh were presented by the researchers.



Dr. Aminur Rahman presented his papers



Dr. Animesh Biswas presented papers



Dr. Jahangir presented his papers

Review meeting on Pilot Implementation of “Quality Improvement System in Maternal and Neonatal Health Services” at Thakurgaon and Jamalpur Districts

On 6th February and March 23rd, 2014, QI review meetings held at Thakurgaon and Jamalpur districts respectively. The meetings were the part of the pilot project led by CIPRB, supported by WHO in partnership with Joint GoB –UN MNHI. The objective was to review the first seven months of the implementation of the programme in 14 health facilities and plan for the next five months of implementation of the programme to meet the MDGs in Bangladesh.



Review meeting at Thakurgaon district

At Thakurgaon Argentina P Matavel Piccin, UNFPA Representative was the chief guest and Dr. Prasanna Gunasekera, Chief RH, UNFPA, Dr. Sanchoy Chanda, Senior Technical officer UNFPA and Professor Dr. AKM Fazlur Rahman, Executive Director, CIPRB were the special guests of the meeting. The event was chaired by Md. Afzal Hossain Tarafder, Civil Surgeon Thakurgaon. All the managers of District Hospital, MCWC, UHCs, FDO MNHI Thakurgaon

were present in that meeting. At Jamalpur, The meeting was chaired by Dr. Md. Hafizur Rahman, Civil Surgeon Jamalpur. Dr. SR Mashreky, Director CIPRB was present their as special guest.



QI Review meeting at Jamalpur District

All the managers of District Hospital, MCWC, UHCs, UN representative were present in the meeting. Dr. Farzana Islam, Coordinator-QI presented the progress report of the QI implementation in both the meeting of Thakurgaon and Jamalpur Districts.

Dr. Mashreky and Dr. Atiquel Haque attended workshop and research meetings, in Karlstad University, Sweden

Dr. Saidur Rahman Mashreky and Dr. Atiquel Haque attended workshop and research meetings, in Karlstad University, Sweden, during October 2-10, 2013. The trip was part of the Swedish Research Links Programme supported by SIDA and Swedish Research Council.



The Swedish Research Links Programme aims to support universities/research organizations promoting research collaboration between countries. Researchers from Bangladesh and Sweden discussed, planned and evaluated the ongoing research projects and the progress of the research cooperation.

Engineer Arif Uddin attended Transportation Planning and Safety Training

Engineer Arif Uddin, Project Coordinator, Road Safety attended 23rd International course on planning and safety arranged by the Transportation Research and Injury Prevention Programme (TRIPP) at the Indian Institute of Technology, New Delhi, India from 03-10 December, 2013. More than 65 participants from 10 countries were participated in the programme.



RESEARCH

SoLiD: a child drowning prevention research

Saving of Lives from Drowning (SoLiD) in Bangladesh, is an implementation research to prevent child drowning in rural Bangladesh. Johns Hopkins International Injury Research Unit, Centre for Injury Prevention and Research, Bangladesh (CIPRB) and icddr,b are jointly implementing the research activity in seven sub-districts of the country. Three in

CIPRB's field areas namely, Raiganj, Sherpur sadar and Manohardi, and the other four are North Matlab, South Matlab, Daudkandi and Chandpur sadar which are the intervention areas of icddr,b. The research has been funded by Bloomberg Philanthropies.

During October 2013 the SoLiD project has been initiated and will continue for two years, i.e. till September 2015. In this project two types of interventions have been identified namely – Anchal and Playpen, to implement. Both the interventions will cover 80,000 under five children of CIPRB and icddr,b's project areas. To enroll all the children 3,200 Anchals will be established and all 80,000 children will receive a playpen.



A child in a Playpen

The interventions will be combined with family education, community sensitization and stakeholder awareness programs.

After two years of intervention the effectiveness and the cost-effectiveness of the interventions will be calculated. If the interventions are found effective, measures will be taken to scale up the program throughout the country.



Children in Anchal

IYCF integration in maternal and child health program: experience from rural and urban setting in Bangladesh

Malnutrition is a major cause of death and illness in low income countries and contributed to 1 million deaths among children annually. It contributes 60% of the under five deaths in low income countries and alone accounted for half of the global loss of DALYs (Faruque et al., 2008). Bangladesh was found one of the countries with the highest rate of malnutrition.

Considering the existing need in the field of child nutrition, BRAC in collaboration with

Alive & Thrive integrated IYCF/nutrition activities in the existing programs for maternal, neonatal and child health. The goal of integration is to improve nutritional status of the children by increasing prevalence of exclusive breastfeeding, and improving complementary feeding practices for children 0-24 months.

The study was designed to assess the effectiveness of integration of Infants and Young Children Feeding (IYCF) intervention in existing MNCH and MANOSHI program. A panel cohort design was adopted in this study. Four cohorts were formulated in this study 2 for urban and 2 for rural setting in Bangladesh. The study was conducted during September 2012- October 2013.



Field research assistant conducting interview

Children of 0-12 months and their mothers were the study population in this study. Children of 0-3 months and their mothers were enrolled as study population and were followed for one year. Both knowledge and practice related to breast feeding and complementary feeding found better in intervention areas. Positive association found between home counseling and knowledge and practice related breast feeding and complementary feeding. Association was also found between knowledge and practice related breast feeding and complementary feeding and exposure to TV commercial. Positive association was found between IYCF knowledge and practice and perception and believe of mothers. From these findings it can be concluded that integration of IYCF intervention is effective both in urban and rural area. However effect of urban intervention found less compared to rural.

The study has been initiating on four study sites namely, Badargonj of Rangpur District, Mohadevpur of Naogaon District, Konabari of Gazipur district and Bauniabdh (Pallabi) of Dhaka district.