

Dr. Prabhas Kumar Mishra (BHMS)

Qualification: MBA in Health & PGD in Biostatistics and Data management

Experience: >14 Years

Present Location: Patna (Bihar)

Contact No: +91- 7544006030

Professional Goal: To indulge in evidence-based planning and implementation by using public health skills, medical background and data acumen so that objectively verified output can be assured.

Experience

CARE India

MLE Manager /R-MLE Specialist (Aug. 2014 - till date)

Bihar Technical Support Program

Currently, I am working as the Measurement Learning Evaluation -Manager (MLE Manager) with Concurrent Measurement & Learning (CML) unit of Bihar Technical Support Program (BTSP) in the state of Bihar, India -a multi stakeholder project. This project is implemented by CARE India and funded by Bill & Melinda Gates Foundation to improve the health profile of state especially Maternal and child health and V. Leishmaniasis.

Skills and current responsibilities:

- **Strategic planning and leadership:** Providing Strategic Leadership for continuous data collection with acceptable quality. Leading the CML team at regional level of 62 people (12 direct and 50 dotted line) across state (38-districts) and 8 entomological districts of Bihar, Jharkhand and West Bengal.
- **People management & supportive supervision:** Provided leadership and people management oversight to team of MLE at state and district.
- **Strategic partnership and management:** Govt, Non-govt organisation
- **Working area:** Nutrition (Infant Young Child Feeding Practices, Womens' nutrition), Infectious diseases (Visceral Leishmaniasis, Lymphatic filariasis, COVID-19, Acute Encephalitis Syndrome etc.), measurement of Output and outcome level indicators for MCH.
- **Conducting scoping exercise for Health and education related project**
- **Experience working with Government and other stakeholders**
- **Experience of advocacy on different components of Health**
- **Tool preparation and Data quality management**
- **Computer-assisted personal interviewing (CAPI-Survey CTO) of large-scale survey data collection and its operation.**
- **Leading, managing and Implementation of study of different scale and design-Mixed method, experimental, Quasi -experimental, Cross sectional and Case control**
- **Application of Biostatistics and Epidemiological concept and Data analysis:** Continuous data analysis (Descriptive and inferential) using different software packages viz; SPSS, R, SAS, Python etc and interpretation of collected large survey data.
- **Proposal reviewing for the studies**
- **MIS and Database management of collected data from field**
- **Preparation of presentation, reports and sharing and communication of results to multiple stakeholders viz; Government, another sub grantee and field programme implementation team.**
- **Necessary literature review and writing concept note for new studies.**
- **Secondary data analysis of NFHS, DLHS etc. and triangulation.**
- **Capacity building of field team on different thematic area of public health.**
- **Planning and budgeting and operationalization at field level of studies.**
- **Management of Entomological team:** Implementation of entomological surveillance activity across state.
- **Preparation of expression of interest to select vendor/evaluation partners.**
- **Point person for Data Sharing agreement and IRB/IEC implications for the studies.**

- Multitasking

UNICEF-Bihar (PDCSL)

Medical Officer-Skill lab (Jan-Aug. 2013)

Achievements and skills gained:

- **Advocacy and pushing the UNICEF agenda:**
- **Liasioning with different stakeholders including Government counterpart**
- **Operationalisation of skill labs at Purnia, Gaya & Darbhanga:** Successfully operationalise skill lab. Leading a team of nurse.
- **Supportive supervision of trained Govt. staff:** Provided supportive supervision of trained ANMs & SNs.
- **Management & imparting trainings:** To impart trainings on MCH related skills in said district.

UNICEF-Bihar (PDCSL)

Child survival coordinator (Jun.2010-Dec. 2012)

Achievements and skills gained:

- **Liasioning with different stakeholder including Government counterpart:**
- **Advocacy and pushing the UNICEF agenda:**
- **Strategic planning and Implementation:** Involved with government official of Vaishali district, a pilot district of UNICEF in designing and operationalization of comprehensive newborn care initiative (Integrated Management Newborn & Childhood Illness, New born Care Center, Newborn Stabilization Unit and Special Care New born Unit).
- **Implementation of Quality Improvement Process:** implementation of quality improvement process in SCNU -Hajipur.
- **Supply chain management for SCNU-Hajipur:** Through various consultations with government officials, uninterrupted supply of consumables and medicines along with AMC of all equipments' assured.
- **Gap Analysis of First Referral Unit (FRU) in integrated district& Preparation of action Plan.** Technical support to District Health Society for planning, Implementation and Monitoring of NRHM strategy.
- **Managed UNICEF fund at district level.**

State Institute of Health & Family Welfare-Panchkula, Haryana
Consultant Training

(July2008-June2010)

Achievements and skills gained:

- **Budgeting and planning of Reproductive Chid Health training:** Annual training need assessment and budgeting, implementation of training calendar across state of Haryana for health care personnel.
- **PIP preparation**
- **Desk review of District Health Action Plan (DHAP) & Program Implementation Plan (PIP) of different state and document the best practices.**
- **To analyse financial and Physical progress of all 21 districts of Haryana as per state PIP.**

Homoeopathy practice,

Private practice (Jan-2004-June 2006)

Skills gained: Learnt how to manage patient.

Education

Post Graduate diploma in Biostatistics and Data Management.
Indian Institute of Public Health -Hyderabad

August 2014

Project : wealth inequality and preferred place of child delivery in India (Case study from District Level House Hold-3(2007-08))

Subject studied: Biostatistics, Epidemiology and data management.

Skills gained:

- Data Analysis and its interpretation
- To calculate basic epidemiology measures & draw appropriate inferences from epidemiologic data.
- Adept in descriptive & inferential techniques commonly used to summarize and interpret health care data.
- Develop written and oral presentations based on statistical analyses for both public health professionals and educated lay audiences.
- Report writing & Documentation
- Understanding of M&E framework (inputs, processes, outputs & outcomes) that provide the context for monitoring and evaluation activities.

***Post Graduate Development in Health&& Hospital Management,
Institute of Health Management Research-Jaipur***

June 2008

- Summer project with Technopak consultancy services: Undertaken Health care Research project under which mapping of health care infrastructure in Eastern India (Bihar, West Bengal & Orissa) and Health care seeking behaviour.
- Involved in preparation of questionnaires for Physician, Hospital's authority separate
- Field testing of Questionnaires.
- Collection of Primary Data and compilation and Analysis.

Subjects studied: Principles of management, Demography, Epidemiology, Medical statistics, social research, Health finance, Study design, HR-Management, Organisational Behaviour.

Skills gained: Learnt the principles of health and hospital management.

Research and evidence generation in the field of public health.

Post Graduate Diploma in Preventive and Promotive Health Care (PGDPPHM) from Lifetime Wellness Rx International Ltd. (**An Apollo Hospital Group Company**) Hyderabad.

Aug.2005

Subjects studied: Lifestyle related diseases and its prevention, Macro and Micronutrients.

B.H.M.S. (Bachelor of Homoeopathy Medicine and Surgery)

January 2004

Rai Bahadur Tunaki Shah Govt. Homoeopathy Medical College and Hospital -Muzaffarpur

Subject studied: Anatomy, Physiology, Preventive & social medicine, Medicine, Surgery, Obstetrics & Gynaecology, Pathology, Materia medica, Pharmacy and Organon.

Additional training received

- 3 days' Workshop on data management & statistical analysis with STATA
- 3 days' workshop on statistical analysis with R software at IIPH, Hyderabad
- 5 days' training on Public Health Project Management at IIPH, Hyderabad,2013
- Received 8 days training as TOT on Basic health worker IMNCI in UNICEF workshop held at Kishanganj, Bihar.
- Received 3 days training on Follow up and Supervision in Workshop organized by UNICEF at Vaishali, Bihar.

- Received training as TOT on Physician module of Integrated Management of Neonatal and Childhood Illness (IMNCI) from Post Graduate Institute (PGI), Rohtak, Haryana.
- Received training of the trainers (ToT) on Facility based Integrated Management of Neonatal and Childhood Illness (F-IMNCI) at Maulana Azad Medical College, New Delhi.
- Trained as a TOT in Gender, Health & Development at National Institute of Health and Family Welfare (NIHFW), and New Delhi.
- Trained as a TOT in Routine Immunization (RI) at State Institute of Health and Family Welfare, Panchkula, Haryana.
- Received ToT on Navjat Shishu Shurakha Karyakram (NSSK) training convened by SIHFW Haryana.
- Received ToT on zinc ORS in UNICEF, Bihar.
- Received training on Kangaroo Mother Care (KMC) at N. Delhi organised by NNF New Delhi.

Poster presentation:

- Poster Presentation on “Falls Prevention in elderly people”- A Meta-Analysis at International symposium on Disability at CR RAO Institute, Central university Hyderabad organised by IIPH Hyderabad.

Publications:

1. Mid-upper arm circumference as a substitute of the body mass index for assessment of nutritional status among adult and adolescent females: learning from an impoverished Indian state.
Das, A & Saimala, G & Reddy, N & **Mishra, P** & Giri, R & Kumar, A & Raj, A & Kumar, G & Chaturvedi, S & Babu, S & Srikantiah, S & Mahapatra, T. (2019). Public health. 179. 68-75. 10.1016/j.puhe.2019.09.010.
2. Development and Evaluation of Active Case Detection Methods to Support Visceral Leishmaniasis Elimination in India
Dubey P, Das A, Priyamvada K, Bindroo J, Mahapatra T, **Mishra PK**, Kumar A, Franco AO, Rooj B, Sinha B, Pradhan S, Banerjee I, Kumar M, Bano N, Kumar C, Prasad C, Chakraborty P, Kumar R, Kumar N, Kumar A, Singh AK, Kundan K, Babu S, Shah H, Karthick M, Roy N, Gill NK, Dwivedi S, Chaudhuri I, Hightower AW, Chapman LAC, Singh C, Sharma MP, Dhingra N, Bern C and Srikantiah S (2021). Front. Cell. Infect. Microbiol. 11:648903. doi: 10.3389/fcimb.2021.648903.
3. Towards a Sustainable Vector-Control Strategy in the Post Kala-Azar Elimination Era.
Garlapati R, Iniguez E, Serafim TD, **Mishra PK**, Rooj B, Sinha B, Valenzuela JG, Srikantiah S, Bern C and Kamhawi S (2021) Front. Cell. Infect. Microbiol. 11:641632. doi: 10.3389/fcimb.2021.641632
4. Optimizing Village-Level Targeting of Active Case Detection to Support Visceral Leishmaniasis Elimination in India.
Bindroo J, Priyamvada K, Chapman LAC, Mahapatra T, Sinha B, Banerjee I, **Mishra PK**, Rooj B, Kundan K, Roy N, Gill NK, Hightower A, Sharma MP, Dhingra N, Bern C and Srikantiah S (2021) Front. Cell. Infect. Microbiol. 11:648847. doi: 10.3389/fcimb.2021.648847
5. Deb R, Singh RP, **Mishra PK**, Hitchins L, Reid E, Barwa AM, Patra D, Das C, Sukla I, Srivastava AK, Raj S, Mishra S, Swain M, Mondal S, Mandal U, Foster GM, Trett A, Garrod G, McKenzie L, Ali A, Morchan K, Chaudhuri I, Roy N,

Gill NK, Singh C, Agarwal N, Sharma S, Stanton MC, Hemingway J, Srikantiah S, Coleman M. Impact of IRS: Four-years of entomological surveillance of the Indian Visceral Leishmaniases elimination programme. PLoS Negl Trop Dis. 2021 Aug 9;15(8):e0009101. doi: 10.1371/journal.pntd.0009101. Epub ahead of print. PMID: 34370731.

Professional membership

- Registered with Board of Homeopathic Medicine, Bihar.
No. 27484 - BHMS

IT skills

- SPSS, R, SAS, Python, STATA QGIS
- Microsoft Office including MS-Access
- Latex

References

On request