



MPH Practicum Proposal Fillable Form

To apply:

Please email your cover letter and CV/resume to globalsolutions@unc.edu.

Application deadline: Rolling deadline

Questions? Please email Naya Villarreal, global health associate director, at naya@unc.edu

Name of Organization	All India Institute of Medical Sciences Bathinda
Organization Address	Mandi Dabwali Rd, Bathinda, Punjab 151001 India
Organization Description (Brief)	AIIMS, Bathinda, is one of the apex healthcare institutes being established by the Ministry of Health & Family Welfare, Government of India, under the Prime Minister Health benefit scheme. The institute offers state-of-the-art facilities for medical research, education, and patient care with a focus on training healthcare professionals and conducting cutting-edge research in various fields of medicine.
Name and Title of Preceptor	Dr Rakesh Kakkar, Professor & Head, Community & Family Medicine Department
Preceptor Experience and Education (Provide your professional background and describe any experience working with students). Preceptor qualification requirements include: - At least five years of full-time, professional public health experience;OR - A graduate degree in public health or a related field and at least two years of professional public health experience.	Professor Kakkar brings with him a wealth of experience spanning over 20 years in academia. Throughout his career, he has successfully led and contributed to more than 45 Public Health projects. His responsibilities encompass guiding and supporting students at both undergraduate and postgraduate levels, conducting research initiatives, and advocating for policy enhancements. Noteworthy is his scholarly impact, evident in an h-index of 14 and an i10 index of 23 as per Google Scholar. Research Gate: https://www.researchgate.net/profile/Rakesh-Kakkar
Preceptor contact information (email, phone)	Dr Rakesh Kakkar: rakeshkakkar@aiimsbathinda.edu.in ; Mobile: +91 8218608467
Preference for contact	<input type="checkbox"/> Email <input type="checkbox"/> Phone
Ideal start date (the earliest start date for students is May 13, 2024)	20 May 2024
Ideal end date (students must complete their hours by August 16, 2024)	12 August 2024
Paid work/Compensation for work	\$3,000 Gillings travel award
Range of funding available (hourly or total). Please note that Gillings Global Health can provide some funding to students.	None.
Opportunity to handle quantitative data	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



<p>Description of the Proposed Practicum (Describe the work experience and/or project: context, health problem, population)</p>	<p>The proposed curriculum offers hands-on experience in both field and hospital settings, focusing on chronic diseases such as anemia and cancer, allow development of graduate-level public health skills, practices, and applied research and/or policy-focused activities. Analyze, interpret, or summarize available data to help the Site disseminate community-based public health intervention strategies. Describe how data can be used to address scientific, political, ethical, or social public health problems the Site is tackling. Conduct a cost-effectiveness, cost-benefit, or cost-utility analysis based on available data to inform decision-making on the Site's programs and initiatives to reduce community health disparities. Use community profile reports to compare rates of health outcomes in one community to those of similar size and characteristics across the state to inform health policy. Develop a feasibility analysis model to assess new program proposals or programs needing revision to better address current public health challenges. Furthermore, they can conduct secondary analyses on the burden of diseases and related matters.</p>
<p>Benefit to student (How will this placement be of interest and benefit to a student?)</p>	<p>This placement offers invaluable opportunities for students to gain hands-on experience and practical skills in a real-world healthcare setting. Students can develop a deep understanding of advanced healthcare operations and challenges by actively participating in diverse programs and activities at AIIMS Bathinda. Moreover, they can improve existing programs by proposing recommendations based on their observations and evaluations. This experiential learning opportunity enhances their academic knowledge, hones their problem-solving abilities, and prepares them for future public health and healthcare management roles.</p> <p>Students can develop advanced public health skills and practices tailored to graduate-level learning. They will have the chance to participate in applied research and policy-focused activities, honing their ability to analyze, interpret, and summarize available data. Through this process, students will contribute to the dissemination of community-based public health intervention strategies, addressing scientific, political, ethical, and social challenges faced by the Site. Moreover, students will learn to conduct cost-effectiveness, cost-benefit, or cost-utility analyses, providing valuable insights for decision-making on programs and initiatives aimed at reducing community health disparities. Utilizing community profile reports, students will compare health outcomes across different communities, informing evidence-based health policy decisions. Additionally, students will develop skills in feasibility analysis, allowing them to assess the viability of new program proposals and make revisions to existing programs to better address current public health challenges. Furthermore, students will have the opportunity to conduct secondary analyses on the burden of diseases and related matters, deepening their understanding of public health issues and their impact on communities. Overall, this placement provides students with comprehensive and practical training, preparing them to become effective public health professionals equipped to address real-world challenges in the field.</p>
<p>Roles and Responsibilities of the student</p>	<p>Adhere to the directives provided by practicum supervisors for project completion, including active participation in related meetings. Abide by the regulations and guidelines set forth by the AIIMS Bathinda.</p> <p>As an intern, your role will encompass:</p>



	<ol style="list-style-type: none">1. Research Assistance: Supporting ongoing public health research projects by collecting, analyzing, and interpreting data.2. Program Evaluation: Assisting in evaluating the effectiveness of public health interventions and programs.3. Community Engagement: Participating in community outreach initiatives promoting health education, disease prevention, and awareness.4. Policy Analysis: Contributing to policy briefs, reports, and recommendations related to public health issues.5. Epidemiological Investigations: Assisting in epidemiological studies, outbreak investigations, and surveillance activities.6. Health Promotion: Collaborating on campaigns and initiatives to promote healthy behaviors and lifestyles.7. Data Management: Helping to maintain databases and records for public health surveillance and research purposes.8. Capacity Building: Supporting training programs and workshops to build healthcare workers' and community members' skills and knowledge.9. Literature Review: Conducting literature reviews and synthesizing evidence on various public health topics.10. Collaboration: Collaborating with multidisciplinary teams, including healthcare professionals, researchers, policymakers, and community members, to address public health challenges effectively.
Skills and Experience Required	<ul style="list-style-type: none">-University students specializing in public health/medicine should have finished coursework on research methods, including quantitative and qualitative approaches, epidemiology, and biostatistics.-They should possess effective communication and interpersonal abilities alongside a proven history of strong research and writing capabilities.
Expected Outputs (Practicum experience must yield at least two student-generated, practical work products (e.g., project plans, grant proposals, training manuals or lesson plans, surveys, memos, videos, podcasts, presentations, spreadsheets, websites, photos with accompanying explanatory text, or other digital artifacts of learning), produced for the practicum site's use and benefit, that demonstrate attainment of five CEPH MPH Foundational Competencies)	<ol style="list-style-type: none">1. Apply epidemiological methods to conduct secondary analysis, examining chronic disease burdens like anemia and cancer in the community, providing a foundational understanding of prevalent health issues.2. Select appropriate quantitative and qualitative data collection methods to comprehensively analyze available data, supporting the dissemination of community-based public health intervention strategies and informing evidence-based policy recommendations and program designs.
NOTES (Your opportunity to add anything else.)	