

Dr Anamika

Assistant Professor, Jawaharlal Nehru University

M. Pharm, Ph.D. (Pharmaceutics; Biomedical Waste Management)

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Career Objective

To be associated with a progressive organization that provides an opportunity to apply my knowledge and skills in order to keep abreast with latest trends and technologies. Also, I want to work in an environment conducive to the utilization of my true potential and be a part of a winning team

Work Experience

Jawaharlal Nehru University: March 25, 2020 to present

Assistant Professor, Center for the Studies in Science Policy, School of Social Sciences, Jawaharlal Nehru University, New Delhi

I have contributed towards the updates of Analysis in Science and Technology Policy Course and Intellectual Property Rights (IPR): A Foundation Course. At the center I am an internal member in DRC committee of PhD students. Further, I have contributed toward the development of 5 courses for B.Sc-M.Sc Ayurveda Biology Integrated Course (Ayurvedic Pharmacopeial Standards, Recent Scientific Development, Research Methodology, Science Communication, Therapeutic Modalities in Ayurveda).

I am the Convenor and Innovation Ambassador of Institute's Innovation Council and Coordinator, National Innovation Startup Policy, Ministry of Education's Innovation Cell. Being the convenor of IIC 3.0 at JNU, I have organized 7 events since Dec 2020 to promote the Innovation and Entrepreneurship Ecosystem within the campus. I proposed a Short-Term course for faculty members on Innovation, Entrepreneurship and Start-ups through HRDC-JNU to UGC. This course was approved by UGC and currently I am coordinating this first ever course at HRDC-JNU (Aug 23, 2021-Aug 28, 2021).

At JNU, I have managed the pillar of Community Health and Preventive Care of Social Sciences Vertical of VAIBHAV Summit (Vaishwik Bharatiya Vaigyanik Summit; a global virtual summit of overseas and resident Indian Researchers and Academicians). Further, I was part of the Editorial team for the Annual Yoga Day Magazine – EKATMA (2021).

Not only on the academic front. I am contributing towards non-academic and administrative activities as well. I am serving as a hostel warden since Dec 2020, was part of Executive Election Committee for the elections held in Dec 2020, and also a part of Azadi ka Amrit Mahotsav committee, Aug 2021.

Novartis Healthcare Pvt. Ltd.: August 19, 2013 to Aug 31, 2018; Nov 26, 2018 to March 24, 2020

I was a part of Oncology Scientific Writing team, Medical Communications at Novartis Healthcare Pvt. Ltd. as Expert Scientific Writer. My job profile at Novartis involved:

- To write, support and manage projects to prepare high quality scientific communications including, abstracts, posters, slide sets, manuscripts (complex) for publication/presentation, monographs, flash cards pub alerts, literature reviews and other scientific resources
- Prepares complex manuscripts, abstracts, posters, slide sets, and monographs, flash cards, pub alerts literature reviews and other scientific resources working from various data sources including data tables and graphics, FIR reports, clinical study reports, patient profiles, protocols etc.
- Performs quality control (QC) checking /proof reading and medical review of the above-mentioned deliverables to meet customer expectations.
- Manages multiple projects of up to two brands at any given time.
- Complies with and support scientific writing group's project management tool, standards, policies and initiatives.
- Follows Novartis specifications for documentation, specifically Novstyle, templates etc.
- Follows and tracks clinical trial milestones for assigned projects.
- Maintains records for all assigned projects including Datavision and other databases
- Maintains audit, SOP and training compliance.
- Builds working relationships and actively collaborates with key internal and external stakeholders to optimize feedback and input towards high quality documents.
- Trains new joiners, fellow colleagues as and when required.
- Participate in international congresses and conferences; development of pre and post congress scientific communication deliverables
- Provide medical information support to HCPs related to the therapy area
- Send regular medical update literature to the entire clinical team
- Maintains familiarity of the published medical literature related to the product
- Collaborate with the KOLs to drive the ongoing trials

BresMed Health Solutions India Pvt. Ltd.: September 03, 2018 to November 19, 2018

I was associated with BresMed as Manager-Systematic Literature Review team. My job profile involved:

- Act as a technical expert on projects
- Manage multiple projects of systematic reviews
- Responsible for the overall quality, timelines and efficiency of the project being managed with

support from SLR Head of Country/BUH

- Prepare or review all key project deliverables such as protocol, search strategies, screening notes, data extraction shells, workbook and report
- Support proposal preparation by developing sections of proposal as required
- Provide clear review updates to internal management team and client
- Review deliverables prepared by junior members and provide guidance

HERON Health Pvt Ltd. : October 2007 to August 2013

Before joining Novartis, I was working with HERON Health Pvt. Ltd., Chandigarh, India; a KPO in Pharma sector, as an Associate Consultant (Evidence & Access department) with Projects in Controlled Environment (PRINCE2) Foundation, British Healthcare Business Intelligence Agency (BHBIA) legal and ethical guidelines, BHBIA adverse event reporting Certification. I started my career with HERON in October 2007 and the relationship continued till August 2013. My major roles at HERON were: client management; project management; and resource management.

Further, I was a part of writing specialist team and document review team and have done a specialist writing training as a part of Approved Writer Scheme. Additionally, I was involved in the writing of seven manuscripts.

Specific Areas I Worked On

- Oncology
- Major depressive disorder and bipolar disorder
- Alcohol dependency
- Health effects of smoking cessation
- Treatment options for glaucoma
- Interventions for the treatment of overactive bladder
- Treatment options for neuropathic pain

Type Of Reviews

- Systematic reviews
- Comprehensive literature reviews
- Adherence and compliance reviews
- Economic reviews
- HTA reviews
- NICE submissions
- Review reports
- Clinical Trial Manuscripts
- Pharmacokinetic Manuscripts

- Abstracts
- Posters

Technical Expertise

- Conducted high quality primary and secondary research for clients
- Provided input to submission documents for national and international market access and reimbursement organizations
- Developed of communications material for clients
- Performed client management
- Managed projects and delivered projects
- Developed outcomes research projects and support materials e.g. protocols
- Supported systematic review and meta-analysis projects
- Reviewed literature to source the required inputs to health economics analyses
- Wrote reports and manuscripts
- Has high level of literacy - able to appraise evidence critically and write reports and manuscripts in clear, concise language as required by type of work
- Has basic understanding of outcomes research and/or economic theory
- Has ability to manage multiple projects, juggle priorities and deliver on tight deadlines
- Has ability to handle and manage the team well during multiple projects
- Have good team based interpersonal skills but also able to work independently
- Has ability to deliver high quality work with strong attention to detail
- Have a good understanding of project management with proven time management and personal organizational skills
- Have strong written and verbal communication skills and the ability to build strong business relationships

Computer Proficiency

- Numerate and good quantitative skills - able to work in Excel
- Trained in Adobe InCopy
- Competency in using Word and PowerPoint and an interest in learning relevant decision-support and statistical packages
- Proficiency in handling various computing software and packages including Endnote Plus, Adobe Photoshop, Corel draw, Chem Draw, Sigma Stat, Microsoft Photo editor and MS Office (Access and Publisher)
- Effective usage of Pub Med, Cochrane, Embase and other research search engines and websites
- Expertise in using specific specialized software like RefMan, RevMan, Stata
- Expertise in Canva software for development of various types of E-Content

Education Details

Course	University/Board	Year	Percentage	Class/Division
Ph.D.	MM University Ambala	2012-2018	"How a Life-saving Drug or Treatment to one can Turn Hazardous to the Other"	
M.Pharm.	Panjab University Chandigarh	2005-2007	70.50%	First
B.Pharm.	Panjab University Chandigarh	2001-2005	69.25%	First
GATE	IIT, Bombay	2005	99.51 Percentile	All India Ranking 55
XII Standard	C.B.S.E.	2000	76.5%	First
X Standard	C.B.S.E.	1998	69.5%	First

Professional Activities

Course Material development

- I have written a course material on "Biomedical Waste Management" module for MBA in Waste Management and Social Entrepreneurship and has been accepted by Mahatma Gandhi National Council of Rural Education; approved and implemented by AICTE.
- Developed courses for the B.Sc-M.Sc Ayurveda Biology Integrated Program at Jawaharlal Nehru University
 - Ayurvedic Pharmacopeial Standards
 - Recent Scientific Development
 - Research Methodology
 - Science Communication
 - Therapeutic Modalities in Ayurveda

Conference presence

- Evaluation of Boswellia gum as compression coat for colon targeting of 5- fluorouracil; V. R. Sinha, Asmita Singh, Jayant Bhinge, **Anamika**; 58th Indian Pharmaceutical Congress, 2005; Mumbai
- Boswellia gum based enteric-coated matrix tablets for colon targeting of 5-Fluorouracil; **Anamika**, Asmita Singh, Jayant Bhinge, Inderpreet Kaur, V.R. Sinha; 1st Chandigarh Science Congress, 2006; Chandigarh (**First prize in Poster presentation**)
- Development and evaluation of microemulsion systems for improved oral drug delivery of Atenolol; Inderpreet Kaur, Monika, **Anamika**, V.R. Sinha; 1st Chandigarh Science Congress, 2006; Chandigarh
- Development and evaluation of Acetazolamide loaded microspheres of biodegradable polymers; Kumud Bansal, **Anamika**, Inderpreet Kaur, V.R. Sinha; First summer school on Nanotechnology in advanced Drug Delivery; May 1-5, 2007; N.I.P.E.R., Punjab

- Formulation and characterization of Atenolol loaded nanoemulsion systems; Monika, Inderpreet Kaur, **Anamika**, and V.R. Sinha; First summer school on Nanotechnology in advanced Drug Delivery; May 1-5, 2007; N.I.P.E.R., Punjab
- Formulation, characterization of pellets of Duloxetine hydrochloride by extrusion and spheronization; V. R. Sinha and **Anamika**; Commonwealth Pharmaceutical Association - Malaysian Pharmaceutical Society; Scientific Conference; Aug. 1-5, 2007; Kuala Lumpur; Malaysia
- In Vitro and In Vivo evaluation of Delayed Release Tablets of Duloxetine Hydrochloride; Sinha V. R., **Anamika**, Vinay Kumar, and Bhinge J. R; APTI Convention; Oct 25-27, 2007, Chandigarh
- Development of Enteric Coated Capsules of Duloxetine Hydrochloride and its Pharmacodynamic and Pharmacokinetic Evaluation; Sinha V. R., **Anamika**, Vinay Kumar, and Bhinge J. R. APTI Convention; Oct 25-27, 2007, Chandigarh
- Systematic review in type-2 diabetes - what is the influence of lifestyle change?; **Anamika**, Gavneet Aneja, Hemlata Shukla and Kym Alnwick; ISPOR May 2009; USA
- Stability-Indicating Assay Method for Determination of Duloxetine Hydrochloride in Pharmaceutical Formulation Using RP-HPLC Method; Sinha VR, **Anamika**, Kumria R, Bhinge JR; 6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (2008); Barcelona, Spain
- The impact of reducing dosing frequency of oral therapies on adherence, compliance, and cost for acute and chronic illnesses: a meta-analysis; Kunal Srivastava K, **Anamika**, Aditi Kataria, Cappelleri Joseph, Sadosky Alesia, Peterson Andrew; ISPOR 17th Annual International Meeting, June 2-6, 2012, USA
- Network meta-analysis of fixed dose combination therapies for the first-line treatment of type 2 diabetes mellitus; Mandeep Kaur, Raman Jindal, Jatin Gupta, **Anamika Gulati**; ISPOR 5th Asia-Pacific Conference, Sep 2-4, 2012, Taiwan
- Attended American Society of Hematology Annual Meeting Dec 2014, San Francisco, USA
- How a Life-saving Drug or Treatment to one can Turn Hazardous to the Other; **Anamika Gulati**; Vipin Saini; 9th World Convention on Recycling and Waste Management, October 22-23, 2018; Osaka, Japan (Abstract accepted)
- Influence of Hospital Set-up in Biomedical Waste Handling and Management; **Anamika Gulati**; Vipin Saini; 2nd International Conference on Healthcare & Hospital Management, November 6-7, 2017 Vienna, Austria
- Positivity During Covid-19 Negativity: An Optimistic Vision for a Better India; **Anamika**; Pharmaceutics and Drug Delivery Conference Organized by Coalesce Research Group; September 21-22, 2020, USA.

Courses or Workshops attended

- Faculty Induction Program organized by University Grants Commission, Human Resource Development Centre (HRDC), Jawaharlal Nehru University (05 Oct – 31 Oct 2020)
- Refresher Course in Research Methodology in Sciences (Multidisciplinary) organized by University Grants Commission, Human Resource Development Centre (HRDC), Panjab University (13 Feb – 26 Feb, 2021)
- Faculty Development Program: Inter Disciplinary Refresher Course (Managing Online Classes & Co-creating MOOCs) from 05/08/2021-19/08/2021 organized under the Ministry of Education sponsored Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) scheme by Ramanujan College, DU.
- Covid-19 Pandemic: Challenges and Recent Advancements; International Webinar Organized by Jawaharlal Nehru University
- 1st E-Learning Workshop on “Design, Development and Delivery of Online Course” organized by the Special Centre for E-Learning, Jawaharlal Nehru University
- Online Course on Communication Skills offered by TCS iON
- WHO training on ePROTECT Respiratory Infections
- WHO training on Emerging respiratory Viruses, Including COVID-19: Methods for Detection, Prevention, Response and Control
- WHO training on Operational Planning Guidelines and Covid-19 Partners Platform to support Country Preparedness and Response
- Innovation Ambassador Training conducted by Ministry of Education’s Innovation Cell and AICTE (30 June – 30 July 2021)
- Intellectual Property Rights (IPR’s) organized by Internal Quality Assurance Cell (IQAC), Karmaveer Shantarambapu Kondaji Wavare Arts, Science and Commerce College, CIDCO, Nashik
- Summer school on “Law in a Time of Uncertainty and Global Change” organized by School of Law, University of Bradford (28 June – 5 July 2021)
- Workshop on “Literature Review” organized by Guru Nanak Dev University, Amritsar
- Indo-US Symposium on Nanotechnology in Advanced Drug Delivery, N.I.P.E.R.
- Seminar on Stability Studies by Thermolab Scientific Equipment Pvt. Ltd.
- Workshop on Brookfield viscometers, N.I.P.E.R.
- Workshop on HPTLC by Anchrom, Panjab University, Chandigarh

Workshops/Seminars/Webinars conducted/organized

- Organized a Panel Discussion on Promoting Science, Technology, Innovation through Collaboration – STIP 2020; June 19, 2021.
- Organized a Panel discussion on Innovation and Entrepreneurship; June 26, 2021.
- Organized a 5-day Ideation and Innovation Bootcamp; July 14 & 15, July 21-23, 2021.
- Conducted Medical writing workshop for physicians, AIIMS New Delhi Oct 2016
- Conducted Medical writing workshop for physicians, AIIMS New Delhi Oct 2015
- Conducted Medical writing workshop for physicians, Meenakshi Mission hospital, Madurai Nov 2014
- Conducted Medical writing workshop for physicians, AMRI Hospital, Kolkata Aug 2014

Lectures delivered

- Scientific Communication in Ayurveda; Monthly Ayurveda Biology Lecture Series; Feb 27, 2021
- Panelist at Impact of Biodiversity Act on Healthcare R&D and Commercialization Efforts in India organized by Heal Health Foundation of India; Apr 08, 2021
- Drug Delivery Systems at Faculty Induction Program by University Grants Commission Human Resource Development Center, Jawaharlal Nehru University; Dec 31, 2020
- Systematic Literature Review and Meta Analysis; Refresher Course in Social Sciences and Humanities organized by Teaching Learning Center (TLC), Ramanujan College; Jul 21, 2021.
- Biomedical Waste Management; National Conference of Waste Management Specialists April 22-28, 2019 organized by e-Learning Centre at Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, MoHRD, Govt. of India.

Publications

- Changing times, new roles; **Anamika**, V.R. Sinha; Pharmabiz; December 2007
- Nanocochleates: A Novel Drug Delivery Technology; Pharmaceutical Information; VR Sinha, Vinay, **Anamika**, and JR Bhinge; Pharmaceutical Information; 2008; 6(5): 51
- Stress degradation studies on duloxetine hydrochloride and development of an RP-HPLC method for its determination in capsule formulation; Sinha VR, **Anamika**, Kumria R, Bhinge JR; J Chromatogr Sci; 2009 Aug; 47(7): 589-93
- Impact of reducing dosing frequency on adherence to oral therapies: a literature review and meta-analysis; Kunal Srivastava K, **Anamika**, Aditi Kataria, Cappelleri Joseph, Sadosky Alesia, Peterson Andrew; Patient Preference and Adherence; 2013; 7: 419–434
- Long-term drug survival of TNF inhibitor therapy in RA patients – A systematic review of

European national drug registers; **Anamika**, Anadi Mahajan, Dean Spurden, Helen Boyd, and Duncan Porter; International Journal of Rheumatology; 2013; article ID 764518; 1-9

- Influence of Hospital Set-Up in Biomedical Waste Management: A Cross-sectional Survey in Four Hospitals of West Delhi; **Anamika**, Vipin Saini; International Journal of Advancements in Research & Technology, 2016; 5(6): p132-144
- India Transforming the Ways to Manage the Biomedical Waste; **Anamika**, Vipin Saini; International Journal of Advancement in Engineering Technology, Management and Applied Science, 2016; 3(8): p238-240
- **Anamika**; Book chapter in "Block 3: Bio-Medical Waste Management" In Waste Management Emerging Sectors, First Edition By Government of India, Ministry of Human Resource Development. Published by: Mahatma Gandhi National Council of Rural Education (MGNCRE), Hyderabad.

Media Presence

- Gulati, **Anamika**. वैक्सीनेशन ही मूल मन्त्र है कोरोना पर विजय हासिल करने का – ग्रामीण क्षेत्रों पर ध्यान केंद्रित. HindiVivek, 10 June, 2021
- Gulati, **Anamika**. प्रौद्योगिकी के माध्यम से शिक्षा क्षेत्र में गुणात्मक परिवर्तन: भारतीय राष्ट्रीय शिक्षा नीति 2020. HindiVivek, 29 Aug 2020
- Gulati, **Anamika**. Transforming education through Technology. Organiser, Sep 06, 2020.
- Gulati, **Anamika**. New India, New Challenges and New Solutions. Samajik Nyay Sandesh (published by Ministry of Social Justice and Empowerment); ISSN: 2455-6183, Dec 2020.
- Gulati, **Anamika**. Time to end the battle of Indian pharmaceutical players and Chinese key ingredients. Observer Research Foundation; July 08, 2021.

Publications supported as Scientific Writer

- Panobinostat monotherapy and combination therapy in patients with acute myeloid leukemia, results from two clinical trials. Haematologica. 2018 Jan;103(1):e25-e28. doi: 10.3324/haematol.2017.172411. Epub 2017 Oct 19. PMID: 29051280; PMCID: PMC5777210.
- Phase I dose-escalation study of long-acting peptide in patients with neuroendocrine tumors. Onco Targets Ther. 2017 Jun 27;10: 3177-3186. doi: 10.2147/OTT.S128547. PMID: 28721067; PMCID: PMC5499931.
- ElevatION:NET-201 A Phase II Study to Evaluate the Efficacy and Safety of PDR001 in Patients with Metastatic, Well-Differentiated NET of Pancreatic/GI/Thoracic Origin or Poorly-Differentiated GEP NEC Who Have Progressed on Prior Treatment (Abstract and Poster) at North American Neuroendocrine Tumor Society (NANETS) 10th Annual Symposium, October 19-21, 2017, Philadelphia, PA, USA.

- Hematologic recovery induced by eltrombopag in Japanese patients with aplastic anemia refractory or intolerant to immunosuppressive therapy. Int J Hematol. 2019 Aug;110(2):187-196. doi: 10.1007/s12185-019-02683-1. Epub 2019 Jun 10. PMID: 31183813.
- Long-term safety of long-acting octreotide in patients with diabetic retinopathy: results of pooled data from 2 randomized, double-blind, placebo-controlled phase 3 studies. Endocrine. 2018 Apr;60(1):65-72. doi: 10.1007/s12020-017-1448-5. Epub 2017 Nov 7. PMID: 29116540; PMCID: PMC5845597.
- Everolimus in Neuroendocrine Tumors of the Gastrointestinal Tract and Unknown Primary. Neuroendocrinology. 2018;106(3):211-220. doi: 10.1159/000477585. Epub 2017 May 24. PMID: 28554173.

Personal Details

<i>Date of birth</i>	17-11-1982
<i>Gender</i>	Female
<i>Marital Status</i>	Married
<i>Hobbies</i>	Listening soft and instrumental music, travelling to see and enjoy nature's creation, watching TV
<i>Correspondence Address</i>	#D-601, Tower D Sixth Floor Umang Winter Hills Society, Dwarka Morh New Delhi 110059

Declaration

I hereby declare that all the above information is true and correct to best of my knowledge.