

## **FORMAT FOR FACULTY DETAILS AT UCMS WEBSITE**

### 1. Personal details

Name: Dr. Satendra Singh

Designation: Professor

Degrees: MD

Department: Physiology

Areas of interest: (max 3 bullets)

- Disability competencies
- Clinical medical ethics
- Health humanities



### 2. Education and Trainings: (In ascending order)

SL No	Degree	Institution	Place	Period
1.	MBBS	Ganesh Shankar Vidyarthi Memorial Medical College, Kanpur	Kanpur, UP	1995-2000
2.	MD	Post Graduate Institute of Medical Sciences, Rohtak	Rohtak, Haryana	2003-2006
3.	FSS	Fellowship in Sports Sciences	Apollo Hospital, Hyderabad	2005
4.	FAIMER fellowship	Foundation for the Advancement of Medical Education and Research (FAIMER) Fellowship	CMC Ludhiana (CMCL FAIMER South Asian Regional Institute)	2011-2013
5.	Clinical Medical Ethics fellowship	Fellowship in Clinical Medical Ethics at MacLean Center for Clinical Medical Ethics	University of Chicago	2019-2020
6.	Bucksbaum Institute International Scholar	International Scholar at the Bucksbaum Institute for Clinical Excellence	University of Chicago	2019-2020

3. Experience: (In ascending order)

SL No	Post	Institute	Period From-To
1.	Assistant Professor in Physiology	Post Graduate Institute of Medical Sciences, Rohtak, Haryana	2007-2008
2.	Assistant Professor in Physiology	University College of Medical Sciences, Delhi	2008-2011
3.	Associate Professor in Physiology	University College of Medical Sciences, Delhi	2011-2015
4.	Professor in Physiology	University College of Medical Sciences, Delhi	2015 onwards

4. Assignments in Academic associations

SL No	Post	Institute	Period From-To
1.	Co-chair	Co-Chair of International Council for Disability Inclusion in Medical Education	2021-2023
2.	Executive Member	Academy of Health Professions Educators	2019-2021
3.	Member	Delhi State Committee for Research on Disability	2019-2021
4.	Adjunct Faculty	Medical Education Department at KMC Manipal	2018 onwards
5.	Member	Standards Development Group, WHO Standards for Wheelchair Service Provision	2019-2021
5.	Ethics Committee Member and Executive Member	Delhi Medical Council	2015-2020

6.	Co-ordinator	Enabling Unit, UCMS	2011-2015
7.	Co-Coordinator	Medical Education Unit, UCMS	2009-2017

## 5. Awards and Honours

- Awarded by His Excellency President of India with the National Award at the 11th National Voters' Day for making the elections in India disabled-friendly.
- First Indian to get the prestigious 2017 Henry Viscardi Achievement Award in the USA which is given by Viscardi Center to leaders for their extraordinary work in the global disability sector.
- Medical Personality of the Year Award by Delhi Medical Association at the Diamond Jubilee Conference given by President MCI on 24 Dec 2017.
- State Award by the Government of Delhi for exceptional achievement by a person with disability in the field of social work in 2016 on the eve of World Disability Day.
- Karamveer Chakra and REX global fellowship 2016, instituted in association by the United Nations and Confederation of the country's NGOs (iCongo) for working on social justice and action on 27 Nov 2016.
- SwachhAbility Award by Union Defence Secretary for rising above personal challenges and contributing to the society on the culmination of SwachhAbility Run organized by India's first Blade Runner in December 2016.
- Awarded NCPEDP-MphasiS Universal Design Award 2013 for disability initiatives by the Minister of State, MSJE on 14 Aug 2013 at India International Centre, Delhi.
- Awarded Shoorveer Award 2018 by Ample Mission in Mumbai
- Won 'Mary Glowrey - Liliane Brekelmans Disability Award – 2019' in the role model with disability category given by Catholic Health Association of India and Liliane Foundation, Netherlands.
- Awarded by Chief Electoral Officer, Delhi on National Voters Day 2020 on contributing to make the General Elections 2019 inclusive and accessible.
- Fellowship in Clinical Medical Ethics at the MacLean Centre for Clinical Medical Ethics at the University of Chicago

## 6. Projects

### a. Ongoing

- Co-investigator in University of Chicago Delhi Center's funded project 'Community-based development of [trans-affirmative health education](#) in India' with Sangath Bhopal

- Co-investigator with Sangath Bhopal in [TransCare COVID19](#) project for understanding Transgender experiences in healthcare during the COVID19 pandemic in India

b. Completed

- ‘Clinical Ethics training for healthcare providers in India: building networks’ –with University of Chicago Center in Delhi in 2019-20 under the leadership of Prof Mark Siegler.
- “Disability-Inclusive Compassionate Care: Core competencies on disability for Health Professions Education” – with University of Chicago Center in Delhi and Bucksbaum Institute for Clinical Excellence with Dr Kamala Gullapalli Cotts from University of Chicago in 2018-19.
- Dialogues in Humanities and Ethics: Collaboration for change – with University of Chicago Center in Delhi in 2016-17 under the leadership of Prof Vinay Kumar.

7. Publications

a. Indexed journals

- Singh S, Meeks LM, Dhaliwal U. Forging an ethical pathway: Disability accommodation, diverse voices, and standards of care. *Indian J Med Ethics*. 2020 Oct-Dec; 5(4) NS: 264-7. DOI:10.20529/IJME.2020.109
- Owen A, Singh S, Kirschner KL. Disability activism and non-invasive prenatal testing: A response to Breimer. *Indian J Med Ethics*. 2020 Oct-Dec; 5(4) NS: 290-3. DOI:10.20529/IJME.2020.112
- Dhaliwal U, Singh S, Nagpal G, Kakkar A. Perceptions of specialist doctors of the ability of doctors with colour vision deficiency to practise their specialty safely. *Indian J Med Ethics*. 2020 Oct-Dec; 5(4)NS: 268-77. DOI: 10.20529/IJME.2020.110
- Singh S, Dhaliwal U, Singh N. Developing humanistic competencies within the competency based curriculum. *Indian Pediatr* 2020;57(11):1060-6
- Singh S. Disability ethics in the coronavirus crisis. *J Family Med Prim Care* 2020;9:2167-71
- Meeks LM, Maraki I, Singh S, Curry RH. Global commitments to disability inclusion in health professions. *Lancet*. 2020;395(10227):852-53.
- Singh S, Cotts KG, Maroof K A, Dhaliwal U, Singh, N, & Xie T. Disability-inclusive compassionate care: Disability competencies for an Indian medical graduate. *J Family Med Prim Care*. 2020;9:1719-27.
- Singh S. Commentary on 'All Bodies': Indian perspective. *RHiME*. 2020;7:112-5.
- Khan AM, Gupta P, Singh N, Dhaliwal U, Singh S. Evaluation of a faculty development workshop aimed at development and implementation of a competency-based curriculum for medical undergraduates. *J Family Med Prim Care* 2020;9:2226-31
- Singh S. Nursing humanities, nurturing compassion: sustaining the global nursing and midwifery agenda. *RHiME* 2020;7:1-3
- Singh S, Kalra J, Das S, Barua P, Singh N, Dhaliwal U. Transformational learning for health professionals through a Theatre of the Oppressed workshop. *Med Humanit* 2020;46(4):411-6

- Singh S. Medical Council of India's new guidelines of persons with specified disabilities: unfair, discriminatory and unlawful. *Indian J Med Ethics*. 2019;4(1):29-34
- Gupta A, Singh S, Khaliq F, Dhaliwal U, Madhu SV. Development and validation of simulated virtual patients to impart early clinical exposure in endocrine physiology. *Adv Physiol Educ*.2018; 42(1): 15-20.
- Chatterjee A, Ravikumar R, Singh S, Chauhan PS, Goel M. Clinical empathy in medical students in India measured using the Jefferson Scale of Empathy – Student Version in. *J Educ Eval Health Prof*. 2017;14:33
- Dhaliwal U, Singh S, Singh N. Reflective student narratives: honing professionalism and empathy. *Indian J Med Ethics*. 2018; 3(1): 9-15.
- Singh S, Barua P, Dhaliwal U, Singh N. Harnessing the medical humanities for experiential learning. *Indian J Med Ethics*. 2017; 2(3):147-152.
- Kalra J, Singh S, Badyal D, Barua P, Sharma T, Dhasmana DC, Singh T. Poetry in teaching pharmacology: Exploring the possibilities. *Indian J Pharmacol* 2016;48 (S1):61-4.
- Singh S. Embracing Brokenness: Disability and Body Image. *RHiME*. 2016;3:39-41.
- Joshi A, Singh S, Jaswal S, et al. Concept Maps: A tool for knowledge management and synthesis in web-based conversational learning. *Int J Appl Basic Med Res*. 2016;6(3):151-56
- Khetarpal A, Singh S. Reintroducing differences linguistically! *Indian J Med Ethics*. 2016;1(3):162-66.
- Kumar S, Khaliq F, Singh S, et al. Pulmonary Functions, Oxidative Stress and DNA Damage in Workers of a Copper Processing Industry. *Int J Occup Environ Med*. 2016 Apr;7(2):107-15.
- Gupta S, Singh S, Dhaliwal U. Visible Facebook profiles and e-professionalism in undergraduate medical students in India. *J Educ Eval Health Prof*. 2015;12:50.
- Dhaliwal U, Singh S, Singh N. Promoting competence in undergraduate medical students through the humanities: The ABCDE paradigm. *RHiME*. 2015;2.
- Singh S. India's AIDS response: the missing voices of persons with disabilities. *RHiME*. 2015;1.
- Singh S, Singh N, Dhaliwal U. Near-peer mentoring to complement faculty mentoring of first year medical students. *J Educ Eval Health Prof*. 2014;11:12.
- Singh S. Blunder lecture to re-educate physiology concepts by cognitive conflict strategy. *Adv Physiol Educ*.2014; 38(3): 265-7.
- Singh S. Multiple ingredients and not just spoonful of humanities. *Urol Ann*. 2014; 6(2): 180.
- Shankar N, Singh S, Gautam S, Dhaliwal U. Motivation and preparedness of first semester medical students for a career in medicine. *Indian J Physiol Pharmacol*. 2013; 57(4): 432-38.
- Singh S. The significance of the hidden curriculum in medical ethics. *International Journal of Use-Driven Health care*. 2013; 3(4): 67-70.
- Singh S. Infinite Ability: The confluence of disability and medical humanities. *International Journal of Use-Driven Health care*. 2013; 3(4): 20-23.
- Pruthi S, Pandey R, Singh S, Aggarwal A, Ramavat A, Goel A. Why does an undergraduate student choose medicine as a career. *Natl Med J India*. 2013;26(3):147-9
- Gupta S, Agrawal A, Singh S, Singh N. Theatre of the Oppressed as a tool in Medical Humanities Education in India: The Road Less Traveled. *Indian J Medical Ethics*. 2013;10(3):200-3.

- Singh S. Use of Wikiversity and Role-play to Increase Student Engagement During Student-led Physiology Seminars. *Adv Physiol Educ.* 2013;37(1):106-7.
- Singh S. It's time to correct the literature. *Vaccine.* 2013;31(4):591.
- Bahuleyan B, Singh S. Olfactory memory impairment in neurodegenerative diseases. *J Clin Diagn Res.* 2012; 6(8): 1437-41.
- Singh S, Khosla J, Sridhar S. Exploring Medical Humanities through Theatre of the Oppressed. *Indian J Psychiatry.* 2012;54(3):296-7
- Singh S, Khetarpal A. Phobias in poetry: Coleridge's ancient mariner. *Indian J Psychol Med* 2012; 34:193-6.
- Khetarpal A, Singh S. Infertility: Why can't we classify this inability as disability? *Australasian Medical Journal.* *Australas Med J.* 2012;5(6):316-321
- Singh S. Broadening horizons: Looking beyond disability. *Med Educ.* 2012; 46(5): 522
- Singh S. Neurorestoratology and ethics: HONesteRRORS or HORRORS? *Australas Med J.* 2011;4(8):451-452
- Gupta S, Singh S. Confluence: Understanding Medical Humanities through Street Theatre. *Med Humanit.* 2011;37:127-128.
- Gupta R, Singh S, Kotru M. Reaching people through medical humanities-an initiative. *J Educ Eval Health Prof.* 2011; 8: 5.
- Singh S. Infinite Ability. *Med Humanit.* 2011;37:45.
- Singh S. Near peer teaching in South Asia: A buzz word or ground reality? *Mymensingh Med J.* 2011;20(1):171-172
- Singh S. Senior resident training on educational principles (STEP): a proposed innovative step from a developing nation. *J Educ Eval Health Prof.* 2010; 7:3.
- Singh S. Recent advances in physiological priming of spermatozoa. *J Hum Reprod Sci* 2010;3:163-4
- Singh S. Déjà vu: The duplicate citation database as an ethical ombudsman. *Australas Med J* 2010;3:78-80
- Singh S. Near peer role modeling: The fledgling scholars' education paradigm. *Anat Sci Educ.* 2010; 3(1):50-51.
- Singh S. P85, P50 Evoked Potential Sensory Gating as an Endophenotype for Schizophrenia. *Afr J Psychiatry.* 2010; 13: 91.
- Singh S, Pruthi S. Undergraduate medical research: Tapping the untapped potential. *Indian J Med Res.* 2010; 131:459-60.
- Singh S, Gautam S. Animation-Based Lectures in Renal Physiology: Transcendence into Metacognition. *J Educ Eval Health Prof.* 2009; 6:6.
- Singh S, Gautam S. P-VEP as Predictor of Occlusion Therapy. *Korean J Ophthalmol.* 2009; 23(2):135
- Singh S, Singh S, Gautam S. Teaching styles and approaches: Medical students' perceptions of Animation-based Lectures (ABL) as a pedagogical innovation. *Pak J Physiol.* 2009; 5(1):16-19.
- Singh S, Singh S, Gautam S. Pedagogical Effectiveness of ABL in Appealing Multiple Intelligences of Our Medical Students: Gardner's Theory Revisited. *Ind. Med. Gaz.* 2009; 140:313-315.
- Beena, Singh S, Sood S, Yadav M, Kumar N. Cardiopulmonary Efficiency: Vital Capacity as predictive indicator for maximal oxygen uptake. *J Advance Researches in Biological Sciences* 2009; 1(2):52-56.
- Sethi J, Singh S, Sood S, Talwar A, Seth S. Antistressor activity of *Ocimum sanctum* (Tulsi) against experimentally induced oxidative stress in rabbits. *Methods Find Exp Clin Pharmacol.* 2007;29(6):411-416.

- Singh S, Sethi J, Sood S. Cadaver dissection--need to cope the inevitable stressor. *J Indian Med Assoc.* 2007;105(2):99
- Singh S, Sood S, Sethi J, Beena. Validity of Visual Evoked Response in measuring Ethambutol induced Optic Neuritis in Tuberculosis Patients : Evaluation using Receiver Operating Characteristic (ROC) Curves. *Pak J Physiol* 2007; 3(2):18-22.
- Beena, Sood S, Singh S, Sajan S. Prevalence of Hypertension and its Association with Obesity in School going Children (5-15 years). *Ind. Med. Gaz.* 2006; CXL (12): 518-22
- Singh S, Sood S, Beena, Goyal S. Efficacy of PS-VEPs in the detection of Subclinical Optic Neuritis following Ethambutol in Therapeutic Dosage. *Pak J Physiol.* 2006; 2(1) :1-4.

#### b. Book chapters

- Khetarpal A & Singh S. Disabled lives in India with an undercurrent of pain. In: Padfield D, and Zakrzewska JM (Eds) 2021. *Encountering Pain: hearing, seeing, speaking.* London: UCL Press.(pp. 300-14)  
<https://doi.org/10.14324/111.9781787352636>
- Singh S. *Foreword* in *Equal Access for Students with Disabilities: The Guide for Health Science and Professional Education* (2nd Ed). In: Meeks LM, Jain NR, Laird EP (Eds). Springer Publication. 2020
- Khetarpal A, Singh S. Bodies that don't 'measure up': celebrating disabled bodies. In: Patterson J, Kinchington F, (Eds.). *Body Talk in the Medical Humanities: Whose Language?* Cambridge Scholars Publishing; 2019 Oct 28;72(6):16-26.
- Singh S. Perseverance Pays. In: Halder, S and Assaf, L (Eds.), *Inclusion, Disability and Culture: an Ethnographic Approach Traversing Abilities and Challenges.* Springer, Cham. 2017 (pp. 41-58).
- The rights of drivers with disabilities. In: 'Ability On Wheels, Enabling Drivability' (First edition) by Harish Kumar (Ed). Ahmedabad: Artson Publishing House, 2016.
- Singh S, Gupta P. Persons with disabilities (Chapter 13). In: Gupta P & Khan AM (Eds.), *Textbook of Community Medicine.* New Delhi: CBS publishers; 2016, 545-74.
- Avoiding Academic Dishonesty: It can be detected! In: Gupta P, Singh N, editors. 1/e. *How to Write the Thesis and Thesis Protocol: A Primer for Medical, Dental and Nursing Courses.* New Delhi: Jaypee brothers; 2014, pp 153-157.
- Handling ethical issues: Patient and data safety. In: Gupta P, Singh N, editors. 1/e. *How to Write the Thesis and Thesis Protocol: A Primer for Medical, Dental and Nursing Courses.* New Delhi: Jaypee brothers; 2014, pp 93-100.
- Disability-A Doctor's perspective. In: *Employing Persons with Disabilities* published by PHD Chamber of Commerce & Industry, New Delhi. 2012.

#### c. Books

- Co-editor of *Routledge International Handbook on Disability and Global Health* (Upcoming 2022) handling Section 5: Health worker training and Disability.