

Instructor

Professor Madhukar Pai, MD, PhD

Canada Research Chair in Epidemiology & Global Health

McGill University, Montreal



@paimadhu

Epidemiology 101 for Journalists

May 3 – 7, 2021

1-credit, online course for health & science journalists

Guest Faculty

Roxanne Khamsi, Independent Science Journalist

Vidya Krishnan, Writer & Nieman Fellow, Harvard University

Apoorva Mandavilli, New York Times

Maryn McKenna, Author and Independent Journalist

Andre Picard, Globe and Mail

Tara Haelle, Independent Science Journalist



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To apply: <https://www.mcgill.ca/epi-biostat-occh/epidemiology-101-journalists>

Course Schedule

Date	Time (EST)	Topic
May 3 (Mon)	9 – 11.00 AM	1) Epidemiology: the big picture 2) Causality & causal inference
	11.00 – 11.45 AM	Guest lecture: Tara Haelle : Reporting responsibly on vaccines & vaccine hesitancy
May 4 (Tues)	9 – 11.00 AM	1) Epidemiologic study designs 2) Measuring disease occurrence & association
	11.00 – 11.45 AM	Guest lecture: Maryn McKenna : Use of epi as a journalism & storytelling tool
May 5 (Wed)	9 – 11.00 AM	1) Bias in epidemiological studies 2) Selection bias, information bias & confounding
	11.00 – 11.45 AM	Guest lecture: Roxane Khamsi : 1) How to handle preprints? 2) Absence of evidence is not evidence of absence
May 6 (Thur)	9 – 11.00 AM	1) Randomized controlled trials 1) Cohort studies & Case-control studies
	11.00 – 11.45 AM	Guest lecture: Andre Picard : Opinion writing is more than just opinion - data required
May 7 (Fri)	9 – 10.30 AM	1) Surveys & ecologic designs 2) Meta-analyses & modeling studies

	10.30– 11.45 AM	Guest lecture: Apoorva Mandavilli & Vidya Krishnan : The politics of reporting
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Slides, readings and recoded lectures will be available at: [Google Drive link](#)

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[Maryn McKenna](#), Author and Independent Journalist

[André Picard](#), Globe and Mail

[Tara Haelle](#), Independent science journalist and AHCJ Medical Studies Core Topic Leader

Teaching assistants:

Mikashmi Kohli, MSc student, McGill University

Lavanya Huria, MSc student, McGill University