

Quarterly Newsletter

October 2020

About I HOPE

Indian Health Outcomes, Public Health and Economics Research Centre (I HOPE) is an exciting collaborative and interdisciplinary research centre that is being set up with a 10 crore competitive research grant from the Wellcome Trust/ DBT India Alliance through collaborations between the L V Prasad Eye Institute, Hyderabad, Indian Institute of Management, Ahmedabad (IIMA) and Indian Institute of Public Health (IIPH), Hyderabad. The key focus of this centre will be big data analysis, health economics, clinical and public health research in eye health.



Advisory Board Meeting

- The first Advisory Board Meeting for I HOPE was held on the 28 Aug 2020.
- The investigators presented a synopsis of the projects that have been currently taken up and their status on the same.
- Dr. G.N. Rao, Chair of the Ad Board, emphasized on the fact that Big Data was the way forward and in LVPEI alone thanks to the robust EMR systems they were fortunate to have access to a large volume of records. He felt the same parameters could be used with other institutions and that knowledge could benefit the larger community.
- The key message of the board was to ensure that:
 - All projects had a review protocol built in
 - A process methodology needed to be factored in from the beginning to avoid course correction later.
 - The studies should be correlating and strategically positioned to answer the three larger goals of the project.

Advisory Board Members



Chair
Dr Gullapalli N Rao

Founder - Chair

L V Prasad Eye Institute, Hyderabad, India



Co-Chair
Prof K Srinath Reddy

President

Public Health Foundation of India, New Delhi, India



Member
Dr Clare Gilbert

Professor of International Eye Health
London School of Hygiene and Tropical Medicine
London, UK



Member
Dr Isidore Rigoutsos

Founding Director of the Computational Medicine Center
Thomas Jefferson University, Philadelphia, USA



Member
Dr Sarang Deo

Associate Professor
Indian School of Business, Hyderabad, India



Member
Dr Jay Bhattacharya

Professor of Medicine
Center for Health Policy and the Center for Primary Care and
Outcomes Research, Stanford University, California, USA



Member
Dr Partha P Majumder

Distinguished Professor
National Institute of Biomedical Genomics
Kalyani, India

To know more about our Advisory Board Members
please visit our website www.ihope2020.org

The I HOPE Team



Principal Investigator
Dr Raja Narayanan
Director, Suven Clinical Research Centre
L V Prasad Eye Institute, Hyderabad



Co-Principal Investigator
Prof Chirantan Chatterjee
ICICI Bank Chair in Strategic Management,
IIMACHairperson, CMHS - IIMA
Indian Institute of Management, Ahmedabad



Co-Principal Investigator
Dr Anthony Vipin Das
Associate Director
L V Prasad Eye Institute, Hyderabad



Co-Principal Investigator
Dr GVS Murthy
Director
Indian Institute of Public Health, Hyderabad



Key Collaborator
Dr Rohit Khanna
Director, GPR ICARE
L V Prasad Eye Institute, Hyderabad



Key Collaborator
Dr Mehul Mehta
Department of Ophthalmology
Harvard Medical School, Boston

To know more about our Core Team
please visit our website www.ihope2020.org

Team at L V Prasad Eye Institute, Hyderabad



Arnaz Dalal

I HOPE Project Coordinator

Over a career spanning 18 years, Arnaz has rich cross functional experience across multinational Fortune 500 companies as well as NGOs. Arnaz has been associated with LVPEI for the past two years working as a consultant for the Resource Mobilization and HR teams and is currently the Project Coordinator for the I HOPE project. She brings to the table her experience in Human Resource & Operations Management as part of global teams, with an established track record of people and stakeholder management.



Dr. Ponnari Gottipati

Consultant Grants Manager

Dr. Ponnari is a Research Management, Science Education and Outreach consultant. She is currently consulting for LVPEI as the Grants Manager and co-leads the Superheroes Against Superbugs public engagement initiative on antibiotic resistance. Trained in molecular biology with a PhD from University of Sheffield and Postdoc from University of Oxford, she was previously working at the DBT/Wellcome Trust India Alliance.



Sai Prashanthi G

Research Associate

Prashanthi completed her B.Tech from National Institute of Technology, Warangal and M.Tech from University of Hyderabad. She worked as Junior Research Fellow at LVPEI where she established a pipeline for the analysis of microbiome data. When she was given an opportunity to analyze and play with data and learn things she had never learnt before she took the opportunity and joined the department of eyesmartEMR at LVPEI.



Md Hasnat Ali

Biostatistician

Hasnat has an MBA in Public Health Informatics and PGD in Biostatistics and data management. He has been working at LVPEI since 2010 as a Biostatistician. His current research involves circular data analysis and big data analytics for understanding ocular disorders.

Team at Indian Institute of Public Health, Hyderabad



Dr Anirudh G. Gudlavalleti
Senior Research Associate

Dr Anirudh is a public health professional with over 5 years of professional experience in the field of training of health workers, curriculum designing for health workers, implementing public health projects across states, managing and operating his self-founded social enterprise.



Dr Kriti Shukla
Research Fellow

Dr. Kriti is trained as an occupational therapist with a Masters in Disabilities Studies and Action from Tata Institute of Social Sciences, Mumbai. She is a Disabilities and Public Health professional, with expertise in policy planning and management with over 6 years of experience.



Dr Melissa G. Lewis
Senior Lecturer

Dr. Lewis teaches Biostatistics to students of the Post Graduate Diploma in Public Health Management and Post Graduate Diploma in Biostatistics and Data Management. She also conducts workshops on topics related to Biostatistics.



Dr. Rashi Raj
Research Fellow

Dr Raashi is a community dentist by her training. She has been working in the field of public health for the past 2 years and has worked predominantly in the field of environmental health. She has authored two peer reviewed papers.

Team at Indian Institute of Management Ahmedabad



Anindya S Chakrabarti
Assistant Professor

Anindya is an Assistant Professor of economics at the Indian Institute of Management Ahmedabad. He received his Ph.D. in Economics from Boston University in 2015. He currently heads the high-performance computational laboratory at the Indian Institute of Management Ahmedabad.



Dhruv Goel
PhD Student in Economics Area

Dhruv has interned at National Institute of Public Finance and Policy where he worked on a project looking at village finances under the decentralization scheme emanating from 73rd and 74th amendment. He also worked as a Research Analyst at The Economist Intelligence Unit where he was responsible for editing country reports and writing macroeconomic articles for Philippines, Singapore and Nepal.

Welcome to the team Nimeshika ...



P. Sri Lalitha Nimeshika
Junior Research Associate, L V Prasad Eye Institute

Nimeshika has done her BS in Optometry from the Bausch & Lomb School of Optometry . She has worked as a clinical optometrist in EMR for 2 years. She is currently pursuing her M.Sc. in Health Information Management from Manipal University. She has joined the I HOPE Team at LVPEI as a Junior Research Associate.

Joint Webinar by I HOPE & EHAC



Title: The Science & Therapeutics of COVID'19

Date: 26th Sep'2020

Forum: Doctors & Healthcare Professionals

This session saw Dr. Mehul speaking about what is the coronavirus and how has it developed, the mutations, the end organ acute clinical features, target therapeutics and update on drugs and vaccines to treat COVID.

The recording for this session can be accessed at :

https://drive.google.com/file/d/1AomPMHsZyIQ_JqnMs-PjLbFaREeZjycr/view

New Collaborations

DayToDay (Private Entity) - Boston

Software as a Nurse for post-operative care. This would help patients to improve compliance with medication, follow instructions for care after surgery, and not miss their appointments with check-up.

Collaborator: Prof. Chirantan Chatterjee

Website: www.daytoday.health

Stanford University

Study on Gender access

The EMR data is being mined to look at gender access across the LVPEI Eye Health Pyramid. Studies will be undertaken about the disease distribution between male and females, vision impairment, access to care and treatment and surgical outcomes will be looked at too.



Dr. Raja Narayanan

Media Mentions



Dr. GVS Murthy

Indian Express – 15 August 2020

<https://indianexpress.com/article/india/lockdown-adversely-impacted-lives-of-visually-impaired-people-urgent-need-to-prioritise-eye-health-too-experts-6555143/>

India Education Diary – 15 August 2020

<https://indiaeducationdiary.in/govt-to-soon-formulate-comprehensive-eye-care-package-for-visually-impaired-economic-advisor-mohfw/>

PHARMABIZ.com – 15 August 2020

<http://www.pharmabiz.com/NewsDetails.aspx?aid=130416&sid=2>

Express Healthcare - 16 August 2020

<https://www.expresshealthcare.in/news/govt-to-soon-formulate-comprehensive-eye-care-package-for-visually-impaired-economic-advisor-mohfw/424185/>

The New Indian Express – 19 August 2020

<https://www.newindianexpress.com/cities/hyderabad/2020/aug/19/covid-19-has-impacted-the-blind-conclave-2185336.html>

Only My Health – 19 August 2020

<https://www.onlymyhealth.com/delay-in-treatment-can-lead-to-poor-vision-experts-on-how-pandemic-has-affected-eye-health-1597824525>

The Hindu – 12 April 2020

<https://www.thehindu.com/sci-tech/health/coronavirus-people-with-disabilities-have-special-issues-during-virus-outbreak-says-indian-indian-institute-of-public-health-chief-gvs-murthy/article31324294.ece>

Telangana Today – 12 April 2020

<https://telanganatoday.com/abundant-common-sense-and-wisdom-key-to-fight-covid-19>

The Hindu – 24 April 2020

<https://www.thehindu.com/news/national/telangana/coronavirus-transmission-potential-of-pre-symptomatic-persons-appears-to-be-low/article31426966.ece>

The Hindu – 10 May 2020

<https://www.thehindu.com/news/cities/Hyderabad/vaccine-not-a-panacea-but-a-potent-tool-says-iiph-director/article31552181.ece#!>

The Hindu – 18 June 2020

<https://www.thehindu.com/news/cities/Hyderabad/need-for-oxygen-aided-beds-for-every-30-50-km/article31863810.ece>

Rediff.com – 19 June 2020

<https://www.rediff.com/news/interview/the-virus-cant-survive-infinitely-coronavirus/20200617.htm>

The Hindu – 2 July 2020

<https://www.thehindu.com/news/cities/Hyderabad/public-health-cadre-need-of-the-hour/article31974183.ece>

The Quint – 24 July 2020

<https://www.thequint.com/voices/opinion/telangana-covid-19-coronavirus-cases-rise-active-response-needed>

Rediff.com - 27 August 2020

<https://www.rediff.com/news/special/covid-19-good-behaviour-will-reduce-deaths/20200827.htm>

The Hindu – 4 October 2020

<https://www.thehindu.com/news/cities/Hyderabad/people-of-all-ages-susceptible-to-covid/article32767267.ece>

Publications

American Journal of Ophthalmology

Published: 29 September 2020

([https://www.ajo.com/article/S0002-9394\(20\)30533-X/fulltext](https://www.ajo.com/article/S0002-9394(20)30533-X/fulltext))

Topic: Incidence, incident causes and risk factors of visual impairment and blindness in a rural population in India: 15 year follow up of The Andhra Pradesh Eye Diseases Study

Authors: Rohit C Khanna, Srinivas Marmamula, Pooja Pendri, Asha Latha Mettla, Pyda Giridhar, Seema Banerjee, Konegari Shekhar, Subhabrata Chakrabarti, Gudlavalleti V.S. Murthy, Clare Gilbert, Gullapalli N Rao, Andhra Pradesh Eye Disease Study Group

Purpose: To report 15 year incidence rate of visual loss (blindness and visual impairment (VI)), causes and risk factors for participants in Andhra Pradesh Eye Disease Study III (APEDS III).

Design: Population based cohort study

Health Management Policy and Innovation

Published: 28 July 2020

(<https://hmpi.org/2020/07/29/academic-campuses-super-spreader-events-pandemics-simulation-evidence-from-reopening-indian-universities-with-covid-19-iima-and-iit-7-29/>)

Topic: Academic Campuses, Super Spreader Events & Pandemics: Simulation Evidence from Reopening Indian Universities with COVID-19 (IIMA and IIT, 7/29)

Authors: Chirantan Chatterjee, IIM Ahmedabad & Hoover Institution, Stanford and Aditya Bansal, Indian Institute of Technology

Synopsis: Universities in India need be cautious about reopening academic campuses. Otherwise, campuses face serious risk of widespread infections and deaths among faculty, staff, students, and families. The authors recommend that without a safe, efficacious vaccine deployed in the next few months, leaders of Indian academic campuses and public policy makers should go fully virtual for the next academic year.

CLINICAL RESEARCH TRAINING PROGRAM FELLOWSHIP (CRTP)

IHOPE invites applications from suitable individuals for the Clinical Research Training Fellowship Program (CRTP)

Opportunities for the CRTP through this fellowship

By the end of the training the CRTP would have learnt to understand and interpret the process to be followed to conduct a clinical research project.

- Will be able to provide instruction and training in research design, research ethics, and statistical analysis.
- Will have access to training opportunities in diverse areas of research relevant to India's health priorities.
- Will be in a position to write grant proposals and get funded by granting agencies
- Will be working and gaining a deeper understanding in the areas of advanced statistics, R, Python, Stata, SPSS, Flourish etc.
- Would have undergone training in study design, informed consent process, patient's rights and safety, quality assurance of data, data entry, data analysis, interpretation, and manuscript writing.
- Would have gained proficiency in various analytical tools, including regression analysis, survival analysis, correlation analysis, sensitivity, specificity, likelihood ratios, incremental cost effectiveness ratio, QALY, DALY, willingness to pay concepts, etc.
- Will get an opportunity to work with international collaborators.
- Qualified ophthalmologists will have 20-30% dedicated clinical time per week.

Qualifications:

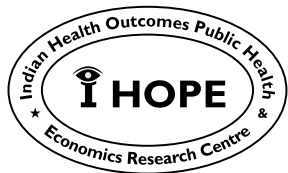
- Post graduate degree in Ophthalmology (MD/MS/equivalent) or Fellowship trained in Ophthalmology will be selected based on their academic record
- Strong interest in pursuing clinical research in their career
- The ability to work independently and as a part of a team

Salary: INR 75,000 - 100,000 per month

Duration of the program: 3 years

Start date: 1st February, 2021

To apply: • Send your CV along with a statement of interest on why you think you are suitable for this position to teamihope2020@gmail.com
• Last date to receive applications is 7th Nov'20.



Contact: Ms. Arnaz Dalal, Project Coordinator

Email: teamihope2020@gmail.com

LinkedIn: www.linkedin.com/company/i-hope

Twitter handle: @TeamIHOPE2020

Website: www.ihope2020.org