

PUBLIC HEALTH
BIG DATA
POLICY
HEALTH ECONOMICS
CLINICAL RESEARCH
COLLABORATION
MULTIDISCIPLINARY
MAKING A DIFFERENCE
DIVERSITY
COMMUNITY
LEARNING HUB
IHOPEJO
IMPACT

2nd Anniversary

SPECIAL EDITION

QUARTERLY
NEWSLETTER

March 2022

Hear from IHOPE Collaborators...



Dr Rohit Khanna

Network Director

L V Prasad Eye Institute

“IHOPE is a great example of how collaborative and interdisciplinary research can be carried out which can create new evidences to change practice and influence policies. This is a great platform for developing the capacity of upcoming researchers. In the two years, there have been significant efforts to train clinicians as researchers and build their research capacity. It has also evolved into a platform where any researcher can bring new ideas and get feedback from experts in the field. We have immensely benefitted from the Advisory Board as well as experts in other domains like health economics, advocacy and policy.”



Dr Mehul Mehta

Chief Medical Officer

Albright Stonebridge Group

“IHOPE was established with a bold and very ambitious goal in mind - to use data and AI driven research to transform eye health and eye care in India and ultimately the world. To use these lessons to drive policy, equity, quality, cost, access and education to catalyze sustainable changes that health systems so desperately need. All its activities are anchored in data and rooted in science, driving new health care models that are germane to India. This is what all healthcare should be about. In its two years, IHOPE is laying the path and is becoming an example for a national transformation in healthcare.”



Hugh McGuire

Senior Scientific Advisor

NICE International and NICE Scientific Advice

“NICE International has been collaborating with the Indian Health Outcomes, Public Health and Economics Research Centre (IHOPE) to support IHOPE’s ambition to develop and implement evidence-based clinical guidelines in India. We have just finished the first series of six knowledge exchange seminars covering different aspects of guideline development. This seminar series was well attended, with a high level of interaction and learning on both sides. It has been a great experience to work with the IHOPE team and the attendees who have brought wonderful insights to how the NICE guideline development process could be adapted to India. As we plan the next steps of this collaboration, we are looking forward to building on the good relationship we have built with IHOPE and their partners.”



Aparna Mittal

Founder and CEO

PatientsEngage Private Limited

“Proactive ophthalmic care is still a neglected area of healthcare. With the rise of chronic conditions like diabetes and heart diseases, it is necessary to raise awareness of how these conditions affect eye health and how patients and their families can take steps to prevent and manage chronic eye conditions for better outcomes. The partnership between IHOPE and PatientsEngage will help bridge this gap and lead to better informed and engaged patients and their families.

We also look forward to collaborating with IHOPE to bring in patient and caregiver involvement in the definition of India specific clinical guidelines adapted from the NICE recommendations.”

...and the IHOPEJO Editorial Board members ...



Thulsiraj Ravilla

*Director-Operations, Aravind Eye Care System
Executive Director-LAICO*

"IHOPE is an innovative idea that is harnessing cutting edge technologies like big data, artificial intelligence and management insights, with public health perspectives towards enhancing eye care. Within the two short years it has networked with the best in the world and launched a journal. The work of IHOPE will help eye care scale to the heights that it needs to be at."

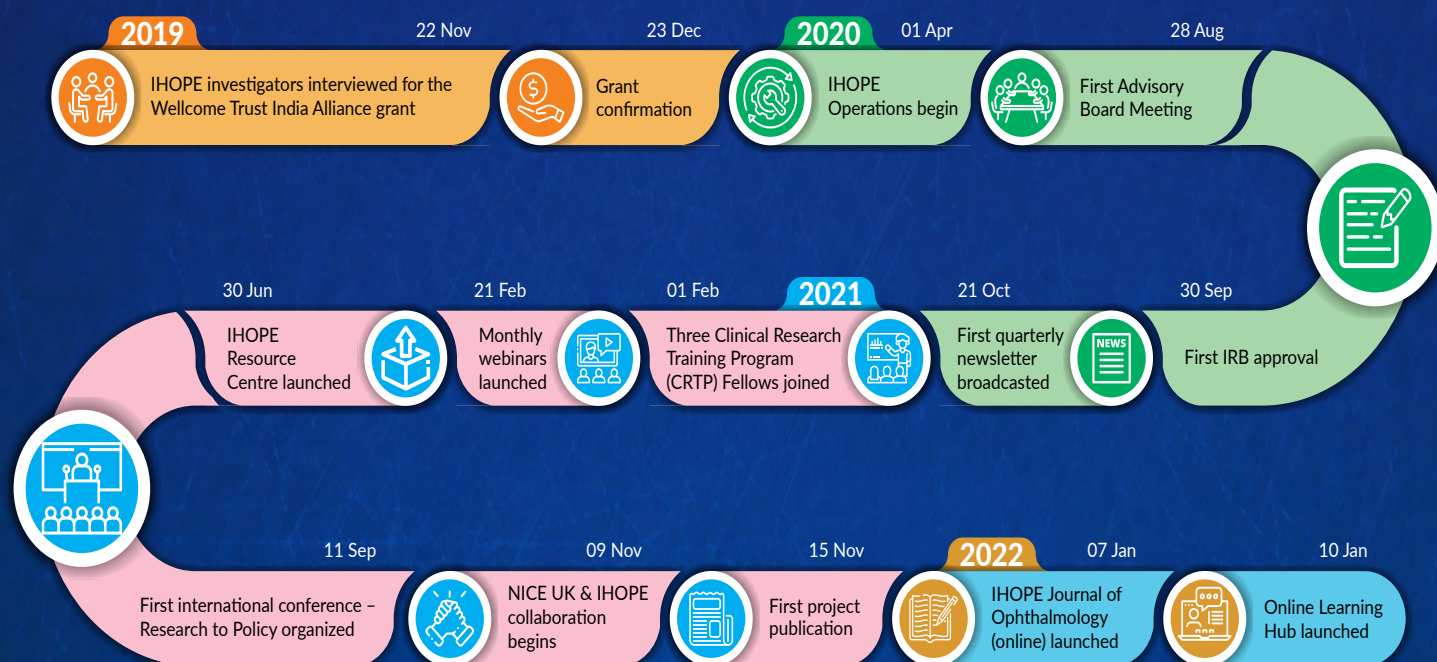


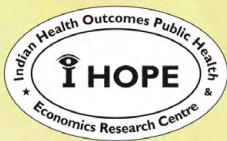
Prof Matthew Burton

*Director, International Centre for Eye Health
London School of Hygiene & Tropical Medicine*

"It has been terrific to see how the IHOPE Journal and Centre have developed over the last year. The centre is already providing a very valuable public health and health economics perspective on the eye health situation in India."

The journey so far





Advance your career with new skills on the **IHOPE LEARNING HUB**

Course on "Clinical and Public Health Research
for Eyecare Professionals" is open for enrollments



To enroll click here

<https://lms.ihope2020.org/login/index.php>

This is an introductory course for eyecare and allied healthcare professionals to better understand the concepts in public health eyecare and research.

For details

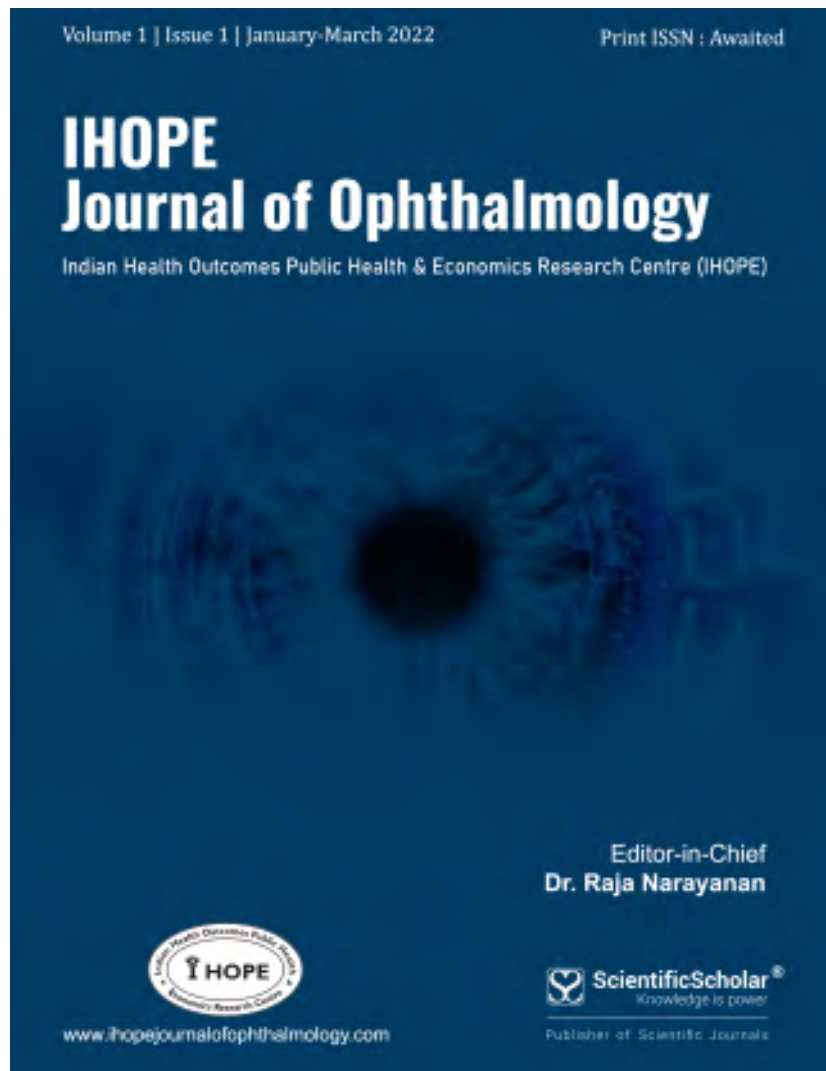
www.ihope2020.org/online-learning-hub/

✉ raashi.raj@iiph.org



The IHOPE Learning Hub was launched in Jan'22. The objective is to roll out online courses to train a larger pool of clinicians, researchers and public health professionals in areas relevant to IHOPE. The response received since we went live has been encouraging and we hope to launch more courses soon. The participant profile includes users from United Kingdom, Nigeria, Nepal and India.

To know more visit www.ihope2020.org/online-learning-hub/



The IHOPE Journal of Ophthalmology's first issue was launched in Jan'22. This is a peer-reviewed journal that provides a forum for presentation and discussion of original research articles in the field of ophthalmology.

To read the current issue visit <https://ihopejournalofophthalmology.com/current-issue/>

To submit articles/manuscripts please visit <https://ihopejournalofophthalmology.com/>



Shubhangi Agrawal

Research Associate

Indian Institute of Management Ahmedabad

Shubhangi joined the IHOPE team in Jan'22. She has worked on various projects related to innovation during her time at the Center for Digital Transformation at IIMA. She graduated from Queen Mary University of London with a Masters in Economics in September, 2019. Her research interests are economics of innovation, labour economics and gender studies.



Madhura Dasgupta

Research Associate

Indian Institute of Management Ahmedabad

Madhura completed her Ph.D in Economics from University at Buffalo, SUNY in September 2019. Her research interests include Public Economics and Health care by using Machine Learning for Big Data Analytics. She feels that addressing health issues and concerns, by performing policy relevant rigorous empirical research, with the goal to generate improved policy interventions, is of immense value in the present circumstances. She joined the IHOPE team in Jan'22.

Congratulations!

Team IHOPE wishes our Principal Investigator Dr Raja Narayanan the very best in his role as the first Head of the Anant Bajaj Retina Institute at LVPEI.

L V Prasad Eye Institute launched an Institute of Excellence and Global Resource Centre for Retinal Diseases, named the Anant Bajaj Retina Institute, which is supported by the Bajaj Group.

Dr Raja Narayanan

Network Head,
Anant Bajaj Retina Institute,
L V Prasad Eye Institute

“

The Anant Bajaj Retina Institute comprises highly compassionate, experienced and accomplished clinicians, scientists and researchers. With this partnership, we will be scaling up our services to bring advanced retinal eye care services to the doorstep of communities - making it accessible and affordable for all. We extend our sincere thanks to the Bajaj group for their generous support.

”

We are proud to announce the recent achievement of Prof. Chirantan Chatterjee, Co-Principal Investigator, IHOPE. He has been promoted to Co-Director (Policy Training & Executive Education) at SPRU-Science Policy Research Unit at the University of Sussex.





IHOPE statistician Hasnat Ali developed the S-DAT which is a web based tool on Statistical Analysis

Statistical Data Analytics Tool(S-DAT)

Department of Computational Bio-Statistics and Data Sciences
lvpeidatasciences.shinyapps.io/S-DAT

S-DAT is a web based tool on Statistical Analysis. This Application currently provides the basic summary statistics of your data with a standard Exploratory Data Analysis (EDA) plot. Further, there are eight different plots that can be used for

- Visualising the variable distribution
- To know the spread of the data of a single variable
- Understanding the relation between two variables
- To get the frequency of the categories
- To check the normality
- To know about the density of a single variable
- To know the Correlation between two or more than two variables

and these plots can be customised according to the user. All the outputs from this Application can be downloaded. Some advanced statistical applications are locked, and those tabs will be unlocked very soon...

Team Members:
 Md Hasnat Ali (Team Lead)
 K Dinesh Kumar

Contact Details:
 L V Prasad Eye Institute
 Kallam Anji Reddy Campus, L V Prasad Marg,
 Banjara Hills, Hyderabad - 500034, INDIA
 Phone : 040-6810 2170



Meet Prof Anindya Chakrabarti!

Anindya is an Associate Professor of Economics at the Indian Institute of Management Ahmedabad. He is serving as the co-chairperson of the Brij Disa Center for Data Science and AI, and is currently also the UTI chair professor in Macroeconomics at IIMA.



He has received his Ph.D. in economics from the Boston University in 2015. He has also published in internationally reputed journals such as the Journal of Economic Dynamics and Control, Journal of Economic Behavior and Organization, Quantitative Finance, Scientific Reports, Physical Review E among others. His main research interests are in economic and financial networks, business cycles, empirical industrial organization, and geometry of networks and complex systems.

He is collaborating with IHOPE on a couple of projects:

1. The first one is on technology diffusion and how it occurs within firms. The demand vis-a-vis supply side factors that influence speed of adoption of newer technologies in the context of healthcare
2. The second project is on how institutional factors affect firms in the healthcare industry to compete in different market segments



Dr Raja Narayanan and Dr Anthony Vipin Das, IHOPE Investigators, visited the British High Commission and the National Health Authority in New Delhi and had discussions to strengthen ongoing collaborations

with

Himangi Bhardwaj

Senior Health Adviser

British High Commission

Team IHOPE attended the Chevening Conversations on Health hosted by the British Deputy High Commission in Hyderabad on 22 March 2022.

It was hosted by Dr. Andrew Fleming, British Deputy High Commissioner and the conversation was moderated by Dr. Anthony Vipin Das.

The third in the series of Chevening Conversations on the theme of health connected us with some brilliant representatives and alumni from health and life sciences sector to discuss future partnerships & collaborations



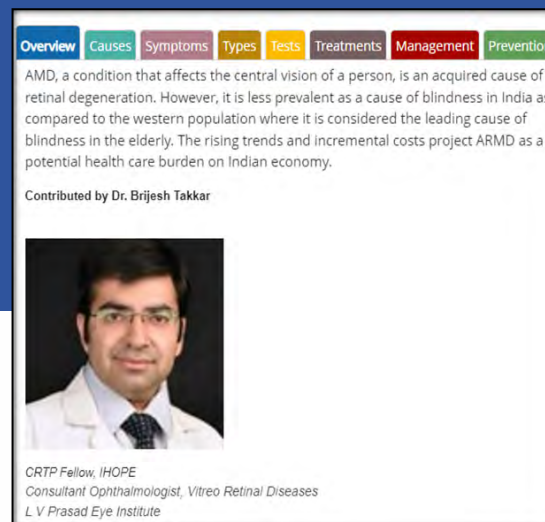


collaboration with



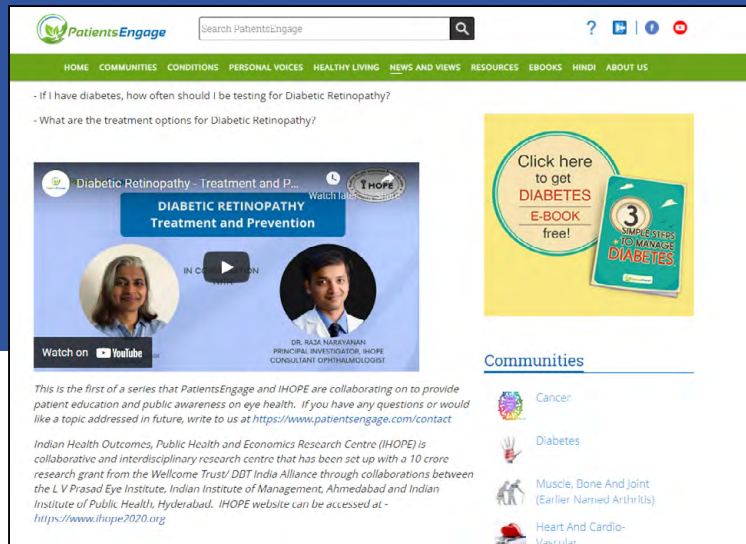
IHOPE is keen on engaging with patient engagement groups to explore how we can include patient voices during research and guideline development process and better understand their concerns.

PatientsEngage is a dedicated, moderated digital healthcare platform focused on evidence based and holistic management of chronic conditions, where self-determined patients with chronic conditions and their caregivers can share knowledge and lived experiences, learn from and support each other about similar healthcare circumstances, and access local and contextual content and services to improve quality of decision making and care. (www.patientsengage.com)



The first engagement is an article written by Dr Brijesh Takkar, where he addresses common questions and concerns put forth by patients of age related macular degeneration (AMD).

The full article is available here - <https://www.patientsengage.com/condition/age-related-macular-degeneration>



The second engagement is an interview with Dr Raja Narayanan on Diabetic Retinopathy Treatment & Prevention.

The interview can be viewed here - <https://www.patientsengage.com/news-and-views/diabetic-retinopathy-treatment-prevention-video>

Thus were sown the seeds for an ongoing collaboration between IHOPE and Patients Engage with a view to provide patient education and public awareness on eye health.



IHOPE conducted three webinars in the last quarter



brings to you a webinar on

Supply chains for medical products: Harming our planet and financing labor abuse

Day: Friday | **Date:** 28th January 2022 | **Time:** 7 PM to 8 PM IST

<div style="text-align: center; background-color: #0056b3; color: white; padding: 5px; font-weight: bold;">SPEAKER</div> <div style="text-align: center; margin-top: 10px;">  <p>Dr Mahmood Bhutta Chair in ENT, Brighton & Sussex Medical School Honorary ENT Consultant & Clinical Green Lead University Hospitals Sussex Co-founder, BMA Medical Fair and Ethical Trade Group</p> </div>	<div style="text-align: center; background-color: #0056b3; color: white; padding: 5px; font-weight: bold;">MODERATOR</div> <div style="text-align: center; margin-top: 10px;">  <p>Prof Chirantan Chatterjee Co-Principal Investigator, IHOPE Reader in Economics of Innovation (University of Sussex) Visiting Fellow, Hoover Institution (Stanford University) Visiting Professor (Economics Area, IIM Ahmedabad)</p> </div>
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Supply chains for medical products: Harming our planet and financing labour abuse explored the multitude of drivers and disconnected policies that have created and perpetuated unhealthy supply chains for medical products, and the work being done on an international scale to mitigate such harms through strategic initiatives and real world change.



Brings to you a webinar on **Coping with Omicron**

18th February 2022 | 7.00 PM to 8.00 PM IST



in conversation with



Dr GVS Murthy

Co-Principal Investigator, IHOPE
Director
Indian Institute of Public Health
Hyderabad

Dr Mehul Mehta

Key Collaborator, IHOPE
Chief Medical Officer
Albright Stonebridge Group

REGISTER TODAY!!

Coping with Omicron was a discussion where clarity was sought on questions related to :

- Vaccine nationalism and politics
- Ensuring equity in vaccine coverage
- Role of travel restrictions and testing policies in shortening of the incubation period of the virus
- Current status on diagnostics for COVID infections
- Promising treatment options for severe COVID in the pipeline?

....and many others




 Brings to you a specially curated webinar on
Economic growth and health
 An overview of theories, empirics & policies

Day: Friday | Date: 25th March 2022 | Time: 7 PM to 8 PM IST

Speaker



Prof Anindya Chakrabarti
 Associate Professor, Economics area
 Indian Institute of Management
 Ahmedabad

Moderator



Dr Anthony Vipin Das
 Co- Principal Investigator, IHOPE
 Network Associate Director
 LV Prasad Eye Institute

REGISTER TODAY!!





The webinar on **Economic growth and health** took a look at some global trends in healthcare and economic outcomes and went through the historical significance of mortality rates determining institutional and economic growth trajectories of countries. It also analysed an overlapping generations framework to model poverty traps with health outcomes, and discuss relevant policies for developing countries.

Working Better Together



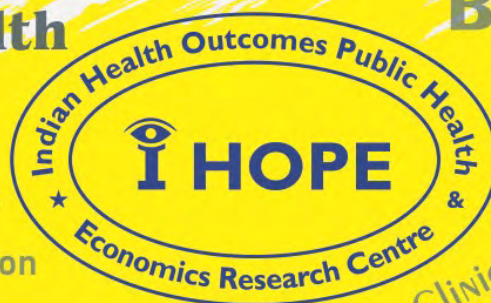
Making a Difference

Public Health

Learning Hub

Big Data Impact
Policy Clinical Research

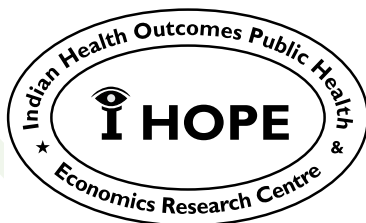
Diversity Collaboration



Big DATA

Diversity **IMPACT**
Policy Collaboration

Clinical RESEARCH
Collaboration
LEARNING HUB
Economics



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YouTube : <https://www.youtube.com/channel/UCYi6qiwL9ly4RSUJUTFhgCA>

Website : www.ihope2020.org