# ISPOR STUDENT Newsletter

## NOVEMBER 2023 | FALL ISSUE

New Student Network Committees

> A PUBLICATION OF THE ISPOR STUDENT NETWORK

Helpful student information Student Network awards & chapter updates

#### **TABLE OF CONTENTS**

- **3 CONTRIBUTORS**
- **4** LETTER FROM THE STUDENT NETWORK CHAIR
- **6 MEET THE NEW COMMITTEE MEMBERS**
- 12 THANK YOU TO THE 2022-23 COMMITTEES
- 14 STUDENT NETWORK WEBINAR

Communicating High Value in Scientific Publications

#### **17 PAST FIRESIDE CHATS**

Early Career Talks - Transition to Academia

*Early Career Talks - Transition to Industry* 

Early Career Talks - Transition to Academia, Part 2

#### **19 ISPOR COMMUNITIES**

#### **20 HEOR CAREERS**

#### 21 VALUE IN HEALTH FEATURED ARTICLES

Global Health Threat from Climate Change

Importance of Consolidated Health Economic Evaluation Reporting Standards-Value of Information (CHEERS-VOI) Checklist

- 24 STUDENT CHAPTER AWARDS
- **25 STUDENT CHAPTER UPDATES**
- 31 ISPOR SHORT COURSES
- 32 HOW TO GET INVOLVED



#### CONTRIBUTORS



ANU BOMPELLI, PHARM.D., MS University of Minnesota, **United States** 



PADAM DAHAL, MPH **Central Queensland University** Australia



**ASHWINI THIRUGNANAM** University of Maryland Baltimore, **United States** 

SPECIAL THANKS



**MOHIN CHANPURA, MS** Rutgers University, **United States** 



ZEBA KHAN, RPH, PH.D. ISPOR Student Network Advisor, **United States** 



JADA LAMPTEY, MPH

Associate, Global Member Engagement **ISPOR, United States** 

SUBMIT AN ARTICLE TO THE NEWSLETTER! To submit an article for the next issue of our student newsletter, please contact the ISPOR Student Network at studentnetwork@ispor.org



STUDENT NETWORK NEWSLETTER



**CHIGOZIE OGWARA, MPH Georgia Southern University United States** 



**JODI-ANN HAYNES** University of Maryland Baltimore **United States** 



## LETTER FROM THE STUDENT NETWORK CHAIR

#### Greetings ISPOR Colleagues!

It's certainly been an exciting three months so far serving as your student network chair, collaborating with our talented team of over 40 committee members, committee co-chairs, and regional leads, who join us from 39 universities spanning 6 different continents. As has been the case with past student network chairs, my strategic goals for this academic year fall under three major pillars: engagement & re-engagement with our ISPOR student chapters, professional & educational development for our student members, and facilitating movement towards globalization.

As ISPOR continues to expand its reach worldwide, we've re-oriented our student network leadership meetings to each now specifically focus on one of our three global regions – North & South America, EMEA, and Asia Pacific. As such, I'm glad to have our regional student leads – Nelson Alvis Zakzuk, Iyke Onuorah, and Muhammed Rashid – on board this year to help lead our meetings and coordinate with student chapters in their respective regions. Our next meeting, scheduled for February 10 at 8 am ET, will be led by Muhammed and centered around updates from our Asia Pacific student chapters.

During our most recent student leadership call on October 5, we learned from our North & South America student chapters that a major setback many of our university affiliates are facing is an inability to recruit members from a more diverse array of educational backgrounds. As part of our ongoing re-engagement efforts with established ISPOR student chapters, I remain committed to working with our university affiliates to establish avenues for recruiting students into HEOR from a variety of majors including medicine, pharmacy, economics, public health, public policy, and computer science. Additionally, in the spirit of re-engagement, I have also partnered with ISPOR's Robert Selby and Jada Lamptey, the ISPOR Faculty Advisory Council, and our student network advisor, Zeba Khan, to author a new ISPOR student chapter affiliation agreement, stipulating, among other things, that all student chapters must keep ISPOR and the student network updated on successes their organizations achieve throughout the academic year.

## **LETTER FROM THE STUDENT NETWORK CHAIR**

Finally, on the professional development front, our student network committees have been working tirelessly over the last three months to bring ISPOR's student members novel educational content, both in-person and online. On September 12, the education committee hosted a webinar titled "Communicating High Value in Scientific Publications," featuring the University of York's Michael Drummond, and the University of Tasmania's Andrew Palmer. Looking ahead to ISPOR Europe, I've been working closely with the event planning committee to bring you all a fascinating, live roundtable discussion on November 13 titled "A Strategic Symphony: Converging RWE, HTA, and Policy in Healthcare Decision Making." And last but certainly not least, our survey and evaluation committee has moved at almost lightning speed to publish this year's student network interest survey, which helps us better understand your academic and professional interests and enables us to organize events tailored to your preferences. This survey can be accessed through our ISPOR Student Network LinkedIn page until November 30.

Once again, I'd like to thank everyone involved with the student network for putting their best foot forward this past quarter; here's to an even more successful Q4!

Yours truly,



#### **MOHIN CHANPURA, MS**

Global Student Network Chair, ISPOR Rutgers University, United States

# MEET THE NEW COMMITTEE MEMBERS





## **EDUCATION COMMITTEE**

#### **CO-CHAIR**



#### **ILKE AKPINAR**

**3rd Year PhD Student** Health Services and Policy Research University of Alberta Canada

### CO-CHAIR



#### HAO PHAM

**PRIYANKA** 

4th Year PhD Student

GHULE

Department of

USA

Pharmacotherapy University of Utah

PhD Candidate University Medical Center Groningen Netherlands



#### MENNA ELSHERBINY

Postgraduate Diploma Student Pharmacoeconomics and Health Technology Assessment Cairo University Egypt



#### DAMON MOHEBBI

**3rd Year PhD Student** Medicine University of Düsseldorf Germany



#### OLAJUMOKE OLATEJU

**3rd Year PhD Student** Pharmaceutical Health Outcomes and Policy University of Houston USA

**GAUTAM SAHU** 

**3rd Year PhD Candidate** 

Department of Pharmacy

Practice

India

NIPER, Mohali



#### **DHANRAJ PATIL**

**5th Year PharmD Student** Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research India





#### HAO-YUAN YANG

2nd Year Master's Student Health Data Science University of California, San Francisco USA



#### **RUIHAN WAN**

**3rd Year PharmD/MS Candidate** Pharmacy and Healthcare Decision Analysis University of Southern California USA

# **EVENT PLANNING COMMITTEE**

#### **CO-CHAIR**



### KANYA SHAH

**3rd Year PhD Student** Pharmacy Systems Outcomes and Policy University of Illinois Chicago USA

### CO-CHAIR



#### **ΡΙΑΟΡΙΑΟ LΙ**

**4th Year PhD Student** Pharmaceutical Outcome and Policy University of Florida USA



#### WAI CHEE KUAN

**2nd Year PhD Student** Health Economics Monash University Malaysia Malaysia



#### **JUDE OGBONNA**

**Pharmacy Student** University of Nigeria, Nsukka Nigeria



#### VIKAS KUMAR PANDEY

**óth Year PharmD Intern** Maharishi Markandeshwar University India



#### SHAYMA MOHAMMED SELIM

PhD Candidate Health Economics Queensland University of Technology Australia

#### **MERIEM SIAR**

**2nd Year Master's Student** Pharmacoeconomics and Market Access University of Algiers Algeria



#### **DOMINIQUE SEO**

**3rd year PhD Student** Pharmaceutical Health Services Research program University of Maryland Baltimore USA





#### **JORDAN SKIERA**

PharmD/MSL Candidate Samford University McWhorter School of Pharmacy USA

# **PUBLICATIONS COMMITTEE**

#### **CO-CHAIR**



#### **ANU BOMPELLI**

**4th Year PhD Candidate** Social and Administrative Pharmacy (SAPh) University of Minnesota USA

### CO-CHAIR



#### **CHIGOZIE OGWARA**

**3rd Year PhD Student Epidemiology** Georgia Southern University USA



#### BRAHIM BOUYAHYAOUI

PhD Student Health Economics and Outcomes Research Mohamed V University of Rabat Morocco



#### PADAM DAHAL

**3rd Year PhD Student** Medical and Health Sciences | Economics Central Queensland University Australia Australia



#### JODI-ANN HAYNES

**3rd PharmD Student** University of Maryland Baltimore USA



#### **4th Year PharmD Student** Chitkara University India

**HEENA KHAN** 



#### SHASHIKANTH KHARAT

**5th Year PharmD Student** Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research India





#### ABBAS LYES 2nd Year Master's Student

Pharmaceutical Economics and Market Access University of Algiers Algeria

#### ASHWINI THIRUGNANAM

2nd Year Master's Student Pharmaceutical Economics Massachusetts College of Pharmacy and Health Sciences USA



#### **YOUNG SHIN**

2nd PharmD Student Health Outcomes University of Cincinnati USA

## **SURVEY AND EVALUATION COMMITTEE**

#### **CO-CHAIR**



### **DEBRA WINBERG**

3rd Year PhD Candidate Health Policy and Management Tulane University USA





#### **RACHEL CLARK**

ZAHRADDEEN

ABUBAKAR

Nigeria

Bayero University Kano

4th year PharmD Candidate University of North Texas Health Science Center College of Pharmacy USA



#### **GLORIA ODONKOR**

**PRACHI** 

Administration

USA

**PRAJAPATI** 

**3rd Year PhD Student** 

Department of Pharmacy

University of Mississippi

4th Year PhD Student Pharmaceutical Health Outcomes University of Texas at Austin USA





**6th Year PharmD Student** Poona college of Pharmacy, Bharati Vidyapeeth University India





## **MARTIN VU**

**3rd Year PhD Student** Cancer Health Services Research University of Melbourne Australia



# USA

**3rd Year PhD Student** 

Pharmacotherapy Outcomes

Research and Health Policy

**KENECHUKWU BEN-**

**KEYURI ADHIKARI** 

University of Utah

UMEH

**3rd Year PhD Student** 

Health Services and Outcomes Research West Virginia University USA

#### **KEERTHANA IYER**

4th Year UG Student Bachelor of Pharmacy Krupanidhi College of Pharmacy India

## **CHINYERE OKOH**

6th Year PhD Candidate Health Outcomes Research University of Texas at Austin USA

## **REGIONAL LEADS**

### EUROPE, MIDDLE EAST, AFRICA (EMEA)



#### IYKE EBUKA ONUORAH

University of Nigeria Nsukka Nigeria

#### **ASIA PACIFIC**



#### MUHAMMED RASHID

**4th Year PhD Student** Health Economics and Outcome Research Manipal Academy of Higher Education India

#### LATIN AMERICA



#### NELSON ALVIS-ZAKZUK

**3rd Year PhD Student** Postgraduate Program in Epidemiology School of Public Health University of São Paulo Brazil

## THANK YOU TO THE 2022-2023 COMMITTEE

## **AWARDS COMMITTEE**

Chairs: Amna Aslam, St. John's University, USA

Members: Johnson Babu, Kerala University of Health Sciences (KUHS), India Chinyere Okoh, University of Texas at Austin, USA Debra Winberg, Tulane University, USA Chenyu Zou, Auburn University, USA

## **CHAPTER ONBOARDING COMMITTEE**

- Chairs: Jeanne Dulie T Kom Nzia, University of North Carolina, USA Shweta Kamat, University of Rhode Island, USA
- Members: Dion Allen, Nova Southeastern University, USA Leen Alyaseen, Texas A&M University, USA Enoch Yi-Tung Chen, Karolinska Institutet, Sweden Yilin Chen, University of Washington, USA Priyanka Ghule, University of Utah, USA

## **EDUCATION COMMITTEE**

- Chairs: Jacinda Tran, University of Washington, USA Anu Bompelli, University of Minnesota, USA
- Members: Akanksha Akanksha, University of Technology Sydney, Australia
  Kenechukwu Ben-Umeh, University of Utah, USA
  Duilia Bruno, National University of Ireland Galway (NUIG), Ireland
  Zizi Elsisi, University of Washington, USA
  Javeria Khalid, University of Houston, USA
  Ayodeji Oloruntoba, University of Lagos (UNILAG), Nigeria
  Muhammed Rashid, Manipal Academy of Higher Education, India

## **EVENT PLANNING COMMITTEE**

- Chairs: Kanya Shah, University of Illinois Chicago, USA Clara Marquina Hernandez, Manash University, Australia
- Members: Ibrahim Alfayoumi, University of Arizona, USA
  Bilqees Fatima, University of Houston, USA
  Sara Khor, University of Washington, USA
  Kate Kuan, Monash University Malaysia, Malaysia
  Clement NG, The Chinese University of Hong Kong, Hong Kong SAR China
  Divya Patil, University of Maryland Baltimore, USA
  Nanshi Singh, Amity University Madhya Pradesh, India

## THANK YOU TO THE 2022-2023 COMMITTEE

## **MEMBER ENGAGEMENT COMMITTEE**

Chairs: **Kristina Aluzaite**, University of York, United Kingdom **Daniella Yucuma**, École des hautes études en santé publique (EHESP) & Universidad Javeriana, France / Colombia

Members: Karen Azupardo, University of the Philippines Manila, Philippines
 Young Eun Shin, University of Cincinnati, USA
 Kevin Li, University of Washington, USA
 Zasim Azhar Siddiqui, West Virginia University, USA
 Britney Stottlemyer, University of Pittsburgh, USA

## **PUBLICATIONS COMMITTEE**

Chairs: Ilke Akpinar, University of Alberta, Canada Trupti Dhumal, West Virginia University, USA

Members: Adam Bouras, Centers for Disease Control (CDC), USA
 Mohin Chanpura, Rutgers University, USA
 Bernard B. Davies-Teye, University of Maryland Baltimore, USA
 Viviene Heitlage, University of Minnesota, USA
 Aeja Jackson, University of North Carolina, USA
 Nneka Orji, University of Tasmania, Australia
 Sara Tasnim, Nanyang Technological University, Singapore
 Marjan Zakeri, University of Houston, USA

## **SURVEY & EVALUATION COMMITTEE**

Chairs: Gautam Sahu, NIPER Mohali, India

Members: Aamir Bashir, NIPER Mohali, India Elham Heidari, University of Texas at Austin, USA Jiene Li, University of Houston, USA Cassidi McDaniel, Auburn University, USA Muhammad Nabeel, University of the Punjab, Pakistan Olajumoke Olateju, University of Houston, USA

## **REGIONAL LEADS**

Europe, Middle Easy, Africa (EMEA):

lyke Ebuka Onuorah, University of Nigeria Nsukka (UNN), Nigeria

#### Asia Pacific:

Ishfaq Rashid, NIPER Mohali, India

#### Latin America:

Nelson Alvis-Zakzuk, University of São Paulo, Brazil

# STUDENT NETWORK WEBINAR

Missed a webinar? Catch it on demand!





STUDENT NETWORK NEWSLETTER



On September 12, 2023, the ISPOR Student Network Education Committee hosted a webinar to introduce several strategies for communicating the results of one's research study. Erin Weeda, PharmD (University of South Carolina School of Medicine) moderated a thorough discussion with Andrew Palmer, MBBS (University of Tasmania) and Michael Drummond, DPhil (University of York), focusing on key considerations and strategies for developing a value story for high-quality scientific publications. With both having decorated backgrounds in publication and editing, Andrew and Michael provided amazing insights from the perspectives of a manuscript author and journal editor. These strategies can be used regardless of study methodology (e.g., chart reviews, database analyses, economic models) and publication type (e.g., abstract, poster, manuscript, report).

Andrew Palmer, MBBS is a health economist of 29 years with a strong background in consulting and academia. He has published over 290 peer-reviewed papers in international journals throughout his career, of which 70-80 percent are in clinical journals. For the past 10 years, Andrew has served as Associate Editor of Health Economics of the "Diabetic Medicine" issues of the Diabetes UK journal and has covered a wide range of topics--including reviews, clinical trials, education, psychology, care, delivery, pregnancy, and epidemiology. From the perspective of a reviewer, he noted during the session that while journals are looking to improve their review turnaround time for authors, research journals are also always looking to improve their impact factor. He also continued by providing the following tips below:

- Original articles must include a structured abstract.
- Grab the editor's attention by including a cover letter; make it short and attention grabbing.
- Your research must resonate with the target audience (e.g., clinicians versus health economists); it should be technical enough for a health economist audience but more generalized for a clinical audience.



Michael Drummond, DPhil has been a health economics researcher since 1976. He has served as Director of the Centre for Health Economics at the University of York for 10 years and has submitted over 750 publications throughout his career. Michael has honorary doctorates from City University (London), Erasmus University (Rotterdam), and University of Lisbon, and he has served as Co-Editor-in-Chief of ISPOR's Value in Health since 2010. In talking about the value and interest level of a research paper, Michael stated that interest in research methods is positively correlated with the interest in policy and decision making—in that as the audience or reviewer gains interest in the methods, there is a gained desire to formulate new policies and make informed decisions surrounding the research topic. Michael noted that to communicate high value, one's research manuscript should consist of the following characteristics:

- Enthusiasm—if you are not enthusiastic about your research, it's more difficult to get others interested in it.
- Originality—originality can be demonstrated by providing new data (the easiest way), new methods, or new ideas (the hardest way).
- Organization—most empirical research fits into the standard 'Objectives, Methods, Results, Discussion, Conclusions' structure.
- Good Communication—preferably in past tense with clear text to highlight main points and ideas.
- Relevance to Policy or Practice—readers may not be interested in data alone; the paper needs to relate to an issue the reader thinks is important.

The session concluded with further discussion surrounding these themes, as well as insight into the current and/or future role of large language models (e.g., ChatGPT, LlaMA, BARD, etc.,) in the publication process.





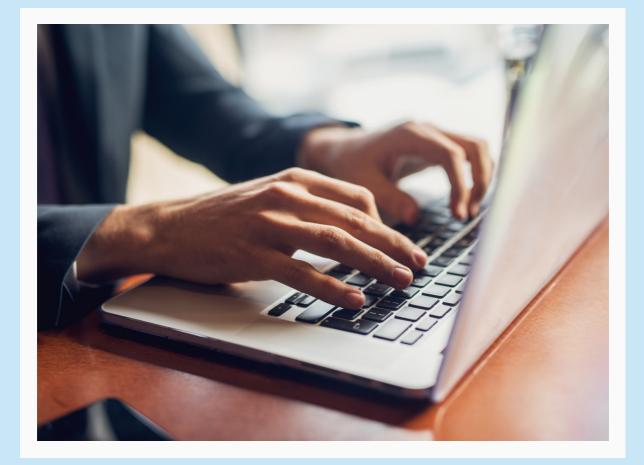








# HELPFUL STUDENT INFORMATION







# ISPOR COMMUNITIES

## JOIN TODAY!



## **CONNECT WITH:**

- Special Interest Groups
- Committees
- Student Network Leadership: email studentnetwork@ispor.org if you're not a student leader but would like to be involved!



# **REASONS TO JOIN**

- Network and collaborate with HEOR colleagues globally
- Stay up-to-date on events and announcements
- Share ideas on discussion boards
- Volunteer opportunities



# **HEOR Careers**

ISPOR Career Center—The Job Site for HEOR Professionals



# **CREATE YOUR PROFILE!**

- Upload your resume to be searchable by recruiters
- Set up job alerts

## Click to set up now!

# FELLOWSHIPS & INTERNSHIPS

Learn about HEOR organizations that provide employment opportunities for students!

Access directory here!





# FEATURED ARTICLES

## EDITOR'S CHOICE

# ISPOR Value in Health

A journal of the professional society for health economics and outcomes research



#### Importance of Consolidated Health Economic Evaluation Reporting Standards-Value of Information (CHEERS-VOI) Checklist

#### NATALIA KUNST ET. AL.,

Health economic evaluation, which involves the comparison of costs and outcomes among alternative options, is integral to healthcare decision-making and highly influential for policymakers and payers. These analyses involve uncertainty and Value of Information (VOI) analysis to assess the potential impact of collecting additional data before decision-making. Therefore, to enhance transparency and rigor in reporting VOI analysis performed alongside economic evaluations, the Consolidated Health Economic Evaluation Reporting Standard-value of Information (CHEERS-VOI) checklist has been developed by adopting the existing CHEERS statements to specify essential information for reporting.

The development of the CHEERS-VOI checklist adhered to the recommendations from the Enhancing the Quality and Transparency of Health Research (EQUATOR) network and was led by a steering committee of experts in VOI analysis, economic evaluation, and guideline development, in alignment with the methods used for similar guidelines. This involved a Delphi study with 30, 25, and 24 participants in rounds 1st, 2nd and 3rd, including experts, and provided comments on 26 candidate reporting items. Items with mean scores greater than 7 or less than 4 were discussed in the meeting, where the steering committee determined the final checklist items. The CHEERS-VOI checklist consists of 33 items, including all 28 from the CHEERS statement, 7 of which were modified and 6 were new reporting items. This checklist development responds to the increasing need for standardized reporting of VOI and economic evaluations, enhancing the transparency and comparability of research in this area. It is intended to be used in future research submitting economic evaluation with VOI analyses for publication, facilitating consistent, comprehensive, and quality reporting of these analyses.

STUDENT NETWORK NEWSLETTER



#### **GLOBAL HEALTH THREAT FROM CLIMATE CHANGE**

#### ZEBA M. KHAN ET AL.

The drastic change of climatic condition poses a multifaceted impact on human health and well-being, with direct and indirect physical and systematic challenges. Rising global temperatures lead to increased intensity of extreme weather events including heatwaves, heavy rainfall and floods, draughts, melting of ice caps and rising the sea levels which can result in injury, displacement and even death. Further, frequent changes in climate patterns can alter distributions of disease vectors and spread infectious diseases into new regions. Likewise, it also has negative impacts on air and water quality, disturbance in food productions, prevalence of more chronic diseases, birth defects and disabilities, which have substantial impact on human well-being. Beyond these immediate health issues, climate change will result in substantial economic burden through direct and indirect costs associated with changes, high demand on healthcare resources and productivity losses. The dramatic shifts in global climate patterns emphasize the urgent need for increased awareness and proactive measures to reduce the health and economic consequences of climate change. Ultimately, it is crucial to engage in multidisciplinary research to assess the health and economic impact of climate change on healthcare systems and productivity.

This will enable the decision maker to allocate adequate resources and develop targeted interventions. Also, collaborative efforts are essential to reduce carbon emission for both environmental preservation and health benefits. These efforts include policy advocation to promote renewable energy sources and sustainable uses of resources. Finally, public health interventions focusing on health action plans, improved screening and surveillance of climate-related diseases and development of climateresilient healthcare infrastructure are recommended to enhance our capacity to respond to climate-related health issues effectively.





# STUDENT NETWORK AWARDS







# **OUTSTANDING STUDENT CHAPTER**



# **OUTSTANDING LMIC CHAPTER**



Bharati Vidyapeeth University

INDIA

# **BEST STUDENT CHAPTER COLLABORATION AWARD**

National University of Ireland, Galway (IRELAND)



#### ISPOR Victoria and Tasmania Student Chapter (AUSTRALIA)



# STUDENT CHAPTER UPDATES









A)

UNIVERSITY OF MANITOBA

> UNIVERSITY OF MINNESOTA

## UNITED STATES OF AMERICA

UNIVERSITY OF WASHINGTON **WEST VIRGINIA** UNIVERSITY **UNIVERSITY OF MARYLAND BALTIMORE** MEXICO THE BAHAMAS UNIVERSITY CUB/ **OF HOUSTON** BELIZE **UNIVERSITY OF MISSISSIPPI** HONDURAS COSTA BICA f 🞯 🎔 in PANALLA STUDENT NETWORK NEWSLETTER 26







#### University of Maryland Baltimore Student Chapter



**University of Minnesota Student Chapter** 



University of Houston Student Chapter

## Student Network

NAVIGATING REAL-WORLD EVIDENCE CONSULTING: DEFINITIONS, APPLICATIONS AND KEYS TO SUCCESS

Speaker: Dr. Ryan Fiano, Xcenda, Life Sciences Commercialization and Consulting

Date : 27th September 2023

Time : 1:30 pm - 2:30 pm

#### Location : Online via Zoom

Scan the QR code to register:



West Virginia University ISPOR Student Chapter Collaboration Chapter- Auburn ISPOR Student chapter

WestVirginiaUniversity, school of pharmacy

ISPOR is the

educational organization

for Health

Outcomes

decision

globally.

making to

Economics and

Research and

improve health

leading

For more information, email: sk00056@mix.wvu.edu

#### West Virginia University Student Chapter



#### University of Manitoba Student Chapter





Bombay College of Pharmacy Student Chapter



University of Washington Student Chapter



China Pharmaceutical University Student Chapter



CRITICAL THINKING IN

THINKING IN HEALTHCARE

"Critical thinking is a fundamental skill that healthcare professionals must possess to make informed decisions, solve complex problems, and ultimately provide the best possible care to their patients."

ISPOR BG Chapte

01.06.2023 • 18:30 • Link to workshop: https://meet.google.com/ ouu-gcba-ute

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ISPOR Bulgaria Student Chapter



**Manipal University Student Chapter** 



Pontificia Universidad Javeriana Student Chapter



KWAME NKRUMAH University Student Chapter





Kerala University of Health Sciences Student Chapter



#### Yeditepe University Student Chapter



Maharishi Markandeshwar University Student Chapter



**Bharati Vidyapeeth Student Chapter** 



**Ukraine Student Chapter** 





**Researcher Day** 

#### **Maastricht University Student Chapter**



Prince Sattam Bin Abdulaziz University Student Chapter







**STUDENT MEMBER REGISTRATION FEES AVAILABLE:** \$80 for 4-hour & \$160 for 8-hour courses (virtual)

## UPCOMING COURSES

VIRTUAL

- December 6-7: Transportability Methods for Clinical trials and External/Indirect Comparisons
- **December 12-13:**Structured Expert Elicitation for Healthcare Decision Making
- February 12-15: Introduction to Health Economics and Outcomes Research
- February 28-29: Introduction to Patient-Reported Outcomes Assessment: Instrument Development & Evaluation
- March 13-14: Introduction to Modeling Methods

## AND MANY MORE!



# HOW TO GET INVOLVED



# ISPOR

Are you an ISPOR member yet? Stay up to date on conferences, short courses, communities, and research by becoming a member! Here is the <u>link</u> on ISPOR memberships. It's never too late to get involved!

# ISPOR Student Network

Reach out to studentnetwork@ispor.org to be added to the ISPOR Community for student leaders. The ISPOR Student Network also has 7 committees that student members can serve on!



# LOCAL ISPOR Student chapter

Contact your local chapter to learn about upcoming activities and chapter elections. Consider running for an officer position!





