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Submit an Article to the Newsletter!
To submit an article for the next issue of our student newsletter, please contact the ISPOR Student Publications Committee at jsp0009@mix.wvu.edu or ispor.newsletter@gmail.com
The ISPOR Student Network would like to take this opportunity to reflect on the ISPOR Europe 2018 that was recently held in Barcelona, Spain. We are thankful for all the student and new professional members that were able to join us to make the event a success! If you were not able to participate, we hope this summary of the activities will allow you to feel like you were part of the excitement.

ISPOR staff would like to acknowledge all the behind the scene efforts that were made to organize the events. Thank you to the Student Network Chair, Koen Degeling, Student Network Advisor, Zeba Khan, Faculty Advisor Chair, Laura Pizzi, Faculty Advisor Chair-Elect, Khalid Kamal, New Professional Steering Committee Chair, Elisabeth Oehrlein, and the Student Network Meeting Planning Committee for your involvement in the activities.

To learn more about how to get involved with the Student and New Professional Networks please contact us by emailing studentnetwork@ispor.org or newprofessionals@ispor.org.

STUDENTS AND NEW PROFESSIONAL EVENT HIGHLIGHTS

ISPOR Student Research Spotlight

This revamp of the Student Research Showcase allowed for increased participation and interaction as it featured 9 of the top student outcomes research studies submitted for the conference. Attendees of the event rotated in a round robin format to each presenter and listened to a 5-minute elevator pitch that summarized the research study, the methods, challenges, implications, conclusions, and the relevance of the research to the conference theme of New Perspectives for Improving 21st Century Health Systems.

Moderators:
Zeba M. Khan, RPh, PhD, Vice President, Celgene Corporation, Summit, NJ, USA; Laura Pizzi, PhD, Rutgers University, Piscataway, NJ, USA

Presenters:
Olivia Dong, UNC Chapel Hill
Simon Van der Pol, University Medical Center Groningen
Veronica Russo, University of Naples Federico II
Riswandy Wasir (pictured), University Medical Center Groningen
Marguerite Kandel, INSERM DR Paris 11
Antoinette Davey, University of Exeter
Mohamed Anwar Hammad, Universiti Sains Malaysia
Nigatu Tadesse, Center for Drug Safety and Policy Research, Xian Jiaotong University
ISPOR Booth Event: Meet the Student Network Chair, Koen Degeling
Building on booth events that were introduced in ISPOR 2018 in Baltimore, ISPOR staff coordinated an effort with the Student Network Chair, Koen Degeling to provide his insights on how students can get the most from their participation in the Student Network. These events will continue for future ISPOR conferences and serve as a valuable tool for peer to peer interactions.

ISPOR Career Advice Across the Globe – “Tips to Secure your Piece of the Funding Pie”
Speakers:
Elisabeth Oehrlein (pictured), PhD, Senior Director, Research and Programs, National Health Council, Washington, DC, USA; New Professional Steering Committee Chair, ISPOR, Lawrenceville, NJ, USA
Isabelle Huys, LLMIPR, Professor, KU Leuven, Leuven, Belgium
Zeba Khan, MS, RPh, PhD, Vice President, Celgene, Summit, NJ, USA; Student Network Advisor & Treasurer Board of Directors, ISPOR, Lawrenceville, NJ, USA

Career Advice Across the Globe events are organized specifically with those who are new to the HEOR field in mind. We also welcome soon to graduate students that could benefit from the content. This was the second New Professional event hosted in Europe and the topic focused on tips for securing funding. An introduction of the New Professional membership was provided by New Professional Steering Committee Chair, Elisabeth Oehrlein who will be organizing a few other New Professionals to join her on the Steering Committee that is designed to help support the exponential growth ISPOR has experienced in this incredibly important member group.

The other two speakers, Isabelle Huys and Zeba Khan, provided perspectives on tips for securing your piece of the funding pie from an academic and industry perspective, respectively. There was also time allotted for networking and questions at the completion of the presentations. To access the presentation for this event, and the other Career Advice Across the Globe events, visit the New Professional Resource Center.

ISPOR Booth Event: New Member Event
ISPOR staff recognizes the importance of communicating regularly with our newest members to ensure they have a positive member experience. To this end, the Member Services team hosted a New Member Event at the ISPOR booth to address questions, discuss
the numerous membership benefits, and ways to get involved. For those who came to the event they were entered into a drawing for an iPad!

**ISPOR Student & New Professional Mixer**
All students, faculty, and new professionals were welcomed to attend the Student & New Professional Mixer. ISPOR provided food and beverage, distributed prizes as part of a raffle, and attendees networked with their peers in a relaxed environment. Attendees received an ISPOR T-Shirt designed by the Universidad John F. Kennedy, Argentina Student Chapter and sponsored by RTI Health Solutions. Sirius Market Access also was gracious enough to share some full day trainings that were raffled off to lucky attendees. Special thanks to Sirius Market Access and RTI Health Solutions for being sponsors of the Mixer!

**ISPOR Student & Faculty Luncheon**
The Student & Faculty Luncheon provided an opportunity for Student Chapter Presidents and Faculty Advisors to share results of initiatives, good practices, and provided an opportunity for open discussion around projects that benefit the ISPOR Student Network and its chapters. ISPOR Student Network Chair Koen Degeling provided an overview of accomplishments and a look ahead at the direction of the Student Network for the remainder of his term. Koen’s presentation was followed by an ice breaker to ask the faculty and students what are the top 10 reasons to be an ISPOR member. The Faculty Advisor Council shared the results of the Competency Assessment Framework Survey. After the presentations there was an exercise for students to share with faculty ways they feel the Competencies can be addressed that are not currently offered through their academic program. The event was open to Chapter Presidents for the 110+ student chapters globally but we also welcomed a few students who sought to learn more about forming a chapter at their University.

**ISPOR Booth Event: Students and New Professionals Hour**
As the Student Network and New Professional memberships continue to grow substantially, it is important to continue to develop these two key stakeholder groups. To this end Jason Cohen, Manager, Member Services (Students & New Professionals) was available at the ISPOR booth to address questions, discuss the
exclusive benefits that ISPOR is developing for these member communities and ways to get involved.

**ISPOR Booth Event: Membership – Update Your Profile**

ISPOR recently launched two new technology platforms that are dedicated to improving the member experience by allowing you to customize your engagement with ISPOR. To this end Jennifer Casillas, Rebecca Corey, and Jason Cohen were available at the ISPOR booth to address questions about how to access one’s member profile, navigate the newly redesigned website, update communication preferences, how to add member groups, chapters, or consortia, and where to access member exclusive content.
Update from the ISPOR Student Network Survey Committee

- The committee began by updating the survey form, including questions which will inform the work of other committees and Region Leads.

- The survey was launched on October 1 and has already seen a record-breaking response from Student Members around the world.

- The committee will analyze the results of the Student Member Interest Survey in January 2019.

- The committee will also launch a revised version of the Student Member Benefits Survey in Spring 2019.

ISPOR Student Interest Survey 2018-2019
STUDENT CHAPTER UPDATES

NORTH AMERICA
Pharmaceutical Outcomes Research & Pharmacoeconomics: What Do I Do and What Can You Do?

Speaker: Dr. Inmaculada Hernandez, Assistant Professor Department of Pharmacy and Therapeutics, University of Pittsburgh School of Pharmacy

- How to implement Comparative effectiveness research and Cox Proportional Hazard models.
- Calculation of post-launch drug prices and prices of new drugs.
- Importance of learning SAS programming and possessing strong analytical skills.
- Guidance on prospective career opportunities for PharmD and graduate students.

“Having Dr. Inmaculada Hernandez speak on her experience in HEOR and pharmacoeconomics was very insightful and solidified my career interest in HEOR.”
- Crystal Onwu, 3rd Year PharmD Candidate.
UNIVERSITY OF BRITISH COLUMBIA
CANADA

Ice Breaker Event and Other Updates

- In this academic year, we have run multiple events for students in our chapter.

- Many students in our chapter are interested in Interrupted Time Series and Trial based Economic Evaluation.

- There is broad interest across departments in our University.

- We started with a ‘Back to School’ icebreaker event with pizza that turned into a brain storming session on how to conduct Economic Evaluations using Interrupted Time Series Methods.

- We also partnered with our local Health Economics methodology cluster to put on several half day seminars with topics including: ICERs vs. NMB, and Generic Drug Pricing.

- Our last event was focused on patenting research, and we were very lucky to have several lawyers and a post-doc student speak.
UM ISPOR Lunch & Learn
Speaker: Dr. Amit Patel, Partner, Medical Marketing Economics LLC

- On 2nd November, 2018, our chapter hosted Dr. Amit Patel, who gave an in-depth presentation and informative demonstration on Budget Impact Models.

- During his lecture, Dr. Patel:
  - Covered the basic concepts of BIM;
  - Detailed information of its real-world applications;
  - Discussed its importance for payers, pharmacies, and other stakeholders;
  - Developed a demonstration on various aspects of BIM.

Our ISPOR Student chapter hosted two guest lecturers and coordinated the presentation of three ISPOR webinars within the UM School of Pharmacy during this productive and informative semester.

UM ISPOR Guest Lecture Series
Speaker: Dr. Kyle Null, Associate Director, Outcomes Research and Data Science, Takeda Pharmaceuticals

- On the 8th of October 2018, Dr. Kyle Null visited UM to give a seminar as part of a UM ISPOR Student Chapter event.

UM ISPOR Social Activity
- Our chapter members also understand the importance of and enjoy socializing and having fun outside the academic setting.

- UM ISPOR Student Chapter members went to “America’s Escape Games” to celebrate the completion of another productive fall semester.
A Prospecting Event on Campus Organization Day

- St. John’s University ISPOR Student Chapter participated in Campus Organization Day of St. John’s University.

- Chapter members promoted ISPOR among students who can be potential members of ISPOR and student chapter in future.

- The promotional materials used for this event were printed sign-holder, ISPOR journal samples (Value and Outcomes Spotlight) and flyers to attract and inform students from multiple backgrounds including doctor of pharmacy (Pharm.D.), pharmaceutical sciences, public health, allied health professions, economics and health economics.

- A total of 25 students signed up for future communication about ISPOR.

St. John's Organizations:

- Rho Chi Society
- Phi Lambda Sigma
- Lambda Kappa Sigma
- Drug Information Association (Student Chapter)
- APhA-ASP
- Phi Delta Chi
  - ISPOR-STJ Chapter
- Tau Omega Chi (Toxicology Club)
TEXAS A&M UNIVERSITY
USA

ISPOR TAMU First General Meeting

Speakers: Mr. Taylor Tomasino, Student Chapter President; Dr. Lixian Zhong, Faculty Advisor

- Introduced ISPOR initiatives for 2019
- Introduced HEOR research and career opportunities
- Introduced ongoing and published pharmacoeconomics research completed by former students and faculty
- Introduced student chapter activities and annual goals

Poster Presentations at ASHP

Presenters: Ms. Anh Tran, PharmD Candidate; Ms. Lei Wu, PharmD Candidate

An Educational Event on Opportunities within the Pharmaceutical Industry

Speaker: Monica Pham, PharmD, Second-year GRA Fellow at Takeda Pharmaceuticals

- The ISPOR-TAMU chapter hosted Ms. Monica Pham to introduce career opportunities in different sectors such as Global Regulatory Affairs (GRA) and Health Economics and Outcomes Research (HEOR).

- Students learned about:
  - Landscape for PharmD graduates in industry,
  - Fellows by functional area (e.g. medical affairs, regulatory affairs, health outcomes, etc.),
  - Global Regulatory Affairs (GRA) overview, and
  - Key clinical development activities

“I learned a lot about the many career avenues in the pharmaceutical industry for pharmacists interested in pharmacoeconomics and/or drug development.” – Cody Kibbee, PharmD Candidate

Ms. Monica Pham, PharmD
Second-year GRA Fellow at Takeda Pharmaceuticals

Follow ISPOR Student Network
Career Panel: Professionals in Health Economics and Outcomes Research

Speakers: Dr. Angela Stover, Assistant Professor, Health Policy and Management, UNC Chapel Hill; Mr. Dominic Robinson, Global Market Access, Immunoinflammation and Future Pipeline Access Partner, GlaxoSmithKline; Dr. Bimpe Olayinka-Amao, Senior Research Scientist, Patient-Centered Outcomes Research, RTI Health Solutions

- Panelists included HEOR professionals working in academia (UNC), industry (GlaxoSmithKline) and contract research (RTI Health Solutions)
- Panelists discussed their current roles and professional journeys
- More than 25 students attended the event and were able to ask questions following a moderated session.
ISPOR Student Chapter Recruiting Event
Speaker: Analysis Group, Economic, Financial and Strategy Consultants

- Analysis Group was kind enough to visit our chapter to conduct a recruiting event for their summer internship and full-time position.

- It was a terrific opportunity to learn about the high impact research Analysis Group’s healthcare division is performing, as well as the cutting-edge methodologies they are developing.

- Analysis Group’s Consultants and Managers shared with us their experiences with the firm, offered their perspective on consulting careers, and outlined their typical day-to-day agendas.

- Our ISPOR Student Chapter was thrilled to gain further insights into the HEOR consulting world!
New Member Social

- This event was planned for the purpose of introducing new ISPOR members to existing members.

- Students socialized and played arcade games on a Thursday evening after class.

“As a new graduate student in the Health Outcomes Division at UT, I think the fall social event was a great way to get to know my senior fellows. They were friendly, supportive, and more importantly, fun to hang out with outside of class.”

Fall Speaker Series: The Role of Managed Care Liaison in the US Healthcare System

Speaker: Dr. Dana Evans, MD, Managed Care Liaison, Genentech

- ISPOR members learned the overall role and responsibilities of managed care liaisons.

- Other key learnings included different ways in which value communication takes place in the U.S.

Fall Skills Workshop: Instrumental Variable Analysis

Speaker: Mr. Matt Hill, PharmD

- Matt made a presentation on instrumental variable analysis, including when it is appropriate and how it is employed in observational research.

- Members also had the opportunity to participate in an instrumental variable exercise using R.

Fall Fundraiser

- ISPOR members volunteered to pass out programs to football fans before and during the Texas vs. Iowa State football game, then met for dinner afterward in downtown Austin.

- For their efforts, a donation of $430 was made to the chapter in early December.

End-of-Semester Social: Taboo Tournament

- UT ISPOR students teamed up with faculty to decompress as finals week approached. In this faculty-sponsored event, a Taboo tournament was organized complete with pizza and cupcakes.
West Virginia University
USA

Breathe Deep Morgantown—A 5K Run to Help Lung Cancer Research
A Community Service Event

- WVU ISPOR Student Chapter raised funds and volunteered for Breathe Deep Morgantown event, a 5K Walk / FunRun, organized to raise money for Lung Cancer Research.

- The walk was organized by Lungevity Foundation with the hope to raise awareness about lung cancer in West Virginia which is the leading cause of cancer-related deaths in this state.

- Our student chapter members helped with check-in and registration and other activities at the event.

A Guest Lecture on Strategic Drug Pricing
Speaker: Dr. Amit Patel, Partner, Medical Marketing Economics LLC

- Our chapter invited Dr. Amit Patel to give a talk on Strategic Drug Pricing to a group of faculty and graduate students.

- Dr. Patel covered important concepts related to pharmaceutical drug pricing.

- He also talked about various stakeholders involved and their roles in pharmaceutical drug pricing.

- Students from other ISPOR student chapters at Virginia Commonwealth University, Duquesne University, and University of Arizona also attended the lecture online.

Community Health Outreach Imaging Cardiovascular Examination – CHOICE
A Community Service Event

- On 20th October 2018, WVU ISPOR Student Chapter volunteered for the CHOICE (Community Health Outreach Imaging Cardiovascular Examination) event which provided free heart health exams to community members.

- The event was sponsored by the American Society of Echocardiography and WVU Heart and Vascular Institute.

- Chapter members took up the responsibility of consenting patients during the event.
Many students had been travelling internationally through the summer.

We welcomed everyone back to campus and celebrated the beginning of a new academic year.

We raised awareness of the ISPOR Chapter within the college.

By reviewing abstracts for clinical trainees,

Chapter members gathered in downtown Tucson for the nation’s largest Dia de los Muertos procession.

We joined over 100,000 people in a walk to celebrate and honor those who have gone before us.

"This social event gave me a great way to get to know chapter members and bond as a group, keep the conversation away from work, and overall this was such a nice experience.”

Srujitha Marupuru, Graduate Student

Chapter members volunteered for this important community event.

We distributed snacks and drinks to walkers.

The day was a great success and over $250,000 was raised for Alzheimer’s research and programs.

“A great opportunity for our faculty and students to interact with the wider community while raising awareness for this condition.”

Shannon Vaffis, Graduate Student
Multi-site Outcomes Research in Precision Oncology

Speaker: Dr. David Stenehjem, PharmD, BCOP, Associate Professor, Dept of Pharmacy Practice and Pharmaceutical Sciences, University of Minnesota

This lecture discussed:
- Advantages and challenges in generating Real World Evidence through observational studies through Electronic Health Records (EHR)
- Reviews of the speaker’s studies utilizing pharmacogenomic testing and patient’s clinical outcomes
- Potential implications of multi-site outcomes research in providing relevant clinical evidence to rare cancers and comparative effectiveness in clinic settings.
- The session was video recorded for those who couldn’t attend the session. The link to access is available on the Student Webinars page.

Seeing Through the Smoke: The Pharmacist’s Perspective on Medical Cannabis

Speaker: Dr. Melani Bersten, PharmD, Director of American Society of Cannabis Pharmacists

This seminar covered:
- Differences between marijuana and cannabis and misconceptions in medical use.
- Pharmacology, Pharmacokinetics/Pharmacodynamics of medical cannabis (medical marijuana).
- Legal and medical regulation and their impact on patient’s access and patient monitoring around medical cannabis in the US.
- Potential therapeutic uses and policy/regulation implications
ISPOR University of Calgary Student Chapter Poster Presentation

- There is a desire and need to build capacity in health economics and outcomes research in Alberta.

- There is interest in refining what “health economics and outcomes research” is and what training/skills can support development of students in this field.

- There is strength in working together to align goals and share experiences: across Universities and with the Network of Alberta Health Economists.

- There is interest in potentially working with the undergraduate Pharmacy program to enhance learning and career opportunities for Pharmacy students.

Health Economics and Outcomes Research Student Meet and Greet
Speakers: Matt Hill, Nathan McClure, Kai-Erh Kao, Graduate Students

- There is interest from a diversity of students (masters, PhD, post-doc) in learning about and enhancing student opportunities in health economics and outcomes research.

- There is a need to better develop the definition of what “health economics and outcomes research” is and what training/skills can support development of students in this field.

- The ISPOR chapter provides value to students by acting as a link to institutional, Albertan, Canadian and international networks and opportunities.

“It was inspiring to see the number and diversity of students who are keen to develop Health Economics and Outcomes Research opportunities at the University of Alberta.” – Nathan McClure,

Follow ISPOR Student Network
Lecture on Pharmacy Benefit Management
Speaker: Rebecca Lich, PharmD, MBA, Senior Vice President and Pharmacy Practice Leader, Lockton Companies

This lecture focused on:

- Pharmacy cost containment tactics
- Flow of funds and prescription drugs among different stakeholders
- Pharmacy landscape and market
- Pharmacy benefit overview and managing pharmacy cost

“This lecture was very interesting and opened different avenues for research among our chapter. “ – Kimberly Deininger, Graduate Student
Educational Event

Speakers: Lisa Sharp, PhD, Associate Professor of Pharmacy Systems, Outcomes and Policy, UIC

- We learned about the general criteria to meet authorship requirements
- We learned how to effectively manage manuscript development as a primary author
- We learned how to properly contribute and meet expectations in manuscript development as a co-author
- We learned how to effectively manage situations in which there are disagreements in authorship order
- We learned about the importance of authorship in career development

“I learned how to properly and tactfully determine authorship order with co-authors.” - Student Participant

Guest Lecture

Speakers: Alan Schwartz, PhD, Professor of Medical Education and Acting Head and Editor in Chief, Medical Decision Making and Medical Decision Making Policy & Practice

- We learned about the process of submitting a manuscript to a journal and the review process
- We learned how to create an impactful abstract that increases the chance of reviewer interest
- We learned how to tailor a manuscript towards the scope of the journal audience
- We learned about the strategy editors use to select articles which will contribute greatly to the field

“I learned a great deal about the entire manuscript review process and collaboration between reviewers and authors.” - Student Participant
Guest Lecture

- Challenges in current approaches for estimating physician supply.
- Use of Network Adequacy Reports as an alternative approach.
- How Network Adequacy Reports were used in OFM report of 2016 Washington State physician supply.

Innovative Use of Network Adequacy Reports in Estimating Physician Supply
A Presentation to the International Society of Pharmacoeconomics and Outcomes Research, Student Chapter at Auburn University
Wei Yen, PhD
Senior Forecast and Research Analyst

Game night
My HEOR Internship Story


- We arranged brunch for guest speakers and students. This created more opportunity for students to ask questions.

- Anticipated Attendance: 7 guest speakers; 16 students from Pharmaceutical Outcomes and Policy; 1 student from Health Services Administration; 5 students from PharmD program

- It was a panel discussion where our speakers with a past HEOR internship shared their experiences and thoughts about working in the HEOR industry over the summer. They spoke about the applications and importance of internships. The discussion was followed by Q and A sessions

- It helped students to
  - Understand how to prepare for an internship related to HEOR including how to find the internship opportunity, how to prepare for the interview and how to work during internship.
  - Recognize the value and role of real-world evidence generation in modern healthcare
  - Encourage students to know more about other areas (e.g.: industry) that they are not familiar with and evaluate their interest in these areas.
  - Inspire students to explore various areas that are available.

“I think it’s the most important thing I learned from the sharing section is to be a good storyteller. Thank you.”
Phuong Tran, Graduate Student

“Thank you very much! A very cool activity you planned for the ISPOR chapter. Go Greater!”
Amir Sarayani, Graduate Student

“Thank you for organizing! It is really helpful and informative!”
Wang Ching-Yu, Graduate Student
Volunteering at Widowmaker Brewing to Benefit Greater Boston Food Bank
Sponsored by Mighty Spark Food Co

- Members of MCPHS University ISPOR student chapter connected with the Boston community by volunteering their time preparing food packets to be donated to Greater Boston Food Bank.

- This food packing event was sponsored by Mighty Spark Food Co. and took place Tuesday evening October 23rd 2018 at Widowmaker Brewing in Braintree, MA.

Boston Regional Chapter Winter Networking Event
Speaker: Kenneth Rothman, Professor, School of Public Health, Boston University

- MCPHS University ISPOR student chapter members attended an ISPOR Boston Regional chapter event, "The Death of Statistical Significance Testing".

- This event was hosted by ISPOR's Boston Regional Chapter.

- It was a great opportunity for student chapter members to connect with professionals involved in the regional chapter of ISPOR including alumni from the student chapter.

CV Workshop and Job Application Tips Seminar
Speaker: Karen Single, Director of MCPHS University’s Center for Professional Career

- MCPHS University ISPOR student chapter members participated in a workshop and seminar to refine their resumes/CVs and learn more about strategies and tips in preparation for the job application process.

- Topics ranged from strategies to build professional connections to tailoring the cover letter to a prospective institution’s mission and posted position.

- This event was hosted by the ISPOR student chapter in collaboration with the University’s Graduate Student Association.
Is value in the eye of the Beholder? Recent US initiatives in the worldwide context

Speaker: Dr. Michael Drummond, Professor, Center of Health Economics, University of York, Heslington, York, UK

- Students learned about the different value frameworks being utilized in our health care system in the United States, and the major similarities and differences between them.

- This was a great opportunity to meet Dr. Drummond and ask various questions that pertained to students’ interests in economic evaluation as well as career trajectories for PharmD and PhD students alike.

“I greatly enjoyed hearing Dr. Drummonds talk on ‘Value is in the Eye of the Beholder.’ As a highly regarded health economist and leader in the field of HEOR, it was insightful to learn about his experiences in conducting research across the globe where value is assessed using different measures. I will definitely continue to use the ideas that he presented in my research.”

Jacquelyn McRae, 2nd year PhD student, University of Maryland, Baltimore, ISPOR Member

Networking

Chief guest: Dr. Shelby Reed, Past President, ISPOR

• The Department of Pharmaceutical Health Service Research, University of Maryland, Baltimore hosted a luncheon for alumni and friends of our chapter during the 23rd Annual International ISPOR Meeting in Baltimore. This gave an opportunity to the students to connect with alumni

“This event provided a great opportunity for me to meet and network with alumni of our student chapter. This event enhanced my overall experience of attending the 23rd Annual International ISPOR Meeting in Baltimore!”

O’Mareen Spence, 4th year PhD Student, ISPOR Member

General Body Meeting

Speaker: Mr. Aakash Gandhi (Chapter President)

• Students were informed about ISPOR resources (e.g. travel grants) and upcoming ISPOR conferences

• We spoke about events planned for the upcoming year for our student chapter

“My research interest lies in Pharmacoeconomics. This event served as a great educational experience in getting to know more about ISPOR and I look forward to submitting an abstract for the upcoming ISPOR conference in New Orleans”

Chintal Shah, 1st year PhD student, University of Maryland, Baltimore, ISPOR Member
STUDENT CHAPTER UPDATES

EUROPE
Questions that were addressed during this discussion were:

- Should we share our work in other ways than we currently do?
- What are the barriers to do so?
- Should there be a registry to make decision analytic models publicly available? And if so, who should register these and keep track of their development?
- How should we evaluate the scientific and societal impact of research when the number of citations and impact factors become less important as a consequence of the increased availability of data and (decision analytic) models?

Journal Club and Discussion on “Open Science”

Speaker: Dr. Manuela Joore, Professor, Health Technology Assessment and Decision Making, Maastricht University, The Netherlands

- In the context of the “International Open Access” week 2018, we organized a journal club and a discussion on ‘open science’ chaired by Prof. Dr. Manuela Joore.
- We discussed several papers on open science in general, and specifically for HE/HTA research.
- Additional discussion topics were: what can we learn from other fields where open science is already current practice (e.g. informatics) and what makes HE/HTA different? Also when economic models will be publicly available, how do we organize reviewing them (given the time and skill required for this)?
- We concluded that there is a long way to go for open science to become the gold standard in health economics / HTA research. We need key opinion leaders to take the lead. However, on the institutional level we can already start addressing the importance of open science to make all our (PhD) students and colleagues aware of the possibilities.
A Lecture on Health Technology Assessment in Romania
Speaker: **Dr. Adina Turcu-Stiolina**, PhD, Faculty Member, University of Medicine and Pharmacy, Craiova, Romania

Key learnings from this lecture:

- The history of HTA in the world and in Romania
- Examples of the Romania Scorecard HTA System
- What is a QALY?

I was very glad to attend this event because I was finally able to understand the meaning of “Pharmacoeconomics” and “HTA”. I enjoyed learning about drug pricing and spending, Cost-effectiveness analysis, Cost-utility analysis, Health economics, Health Technology Assessment. I’m looking forward to the following events.

**Georgiana Adelina Barbu**, ISPOR Student Member.
ISPOR Career Event
Speaker: Susanna Francke Rodau, Director, Roche Diagnostics Scandinavia

- Susanna Francke Rodau, Director Healthcare Development, Roche Diagnostics Scandinavia, gave a lunch-time career talk providing insights into her career progression and day-to-day responsibilities working in health outcomes/economic evaluation, within Sweden and internationally.

- Susanna was selected Female Economist of the Year in 2005 and has worked across the EU for Pfizer, has spent time at the Swedish Medical Products Agency and has been at Roche since 2015, where she interacts with Swedish healthcare and Swedish decision-makers as part of her role in Healthcare development.

- Students found it very insightful to learn about different roles within a pharmaceutical/ biotech company, different classifications of pharmaceutical/biotech companies and general tips for searching and applying for open positions.

- 25-30 students attended the event

Journal Club Meeting
Led By: Niklas Weber, Graduate Student

- Due to high amount of course readings, journal club discussed a panel talk on drug pricing titled “U.S. Drug Prices: Why Are They So High?” – organized by Harvard T.H. Chan School of Public Health.

- Full video is available online at: https://www.youtube.com/watch?v=f9uZBRw4ES4&amp;fbclid=IwAR2uHyHi4Oi9XiXXW7LrjFTjBjodkZHSaydK3SWLiN_Yv2WvGSPSkd_jto

- About 10 members joined the meeting

- We discussed topics such as differences across countries in how medicines are paid for and issue of pricing curative medicines.

Screenshot of the video
STUDENT CHAPTER UPDATES

ASIA-PACIFIC & AFRICA
KING SAUD UNIVERSITY  
SAUDI ARABIA

ISPOR KSU Student Chapter Meet-up  
Speakers: Rawan Abuzaid, Chapter President; and Reem Alsudairi, Chapter Vice President

- Introduced ISPOR to student members
- Showcased the different types of training and education ISPOR has to offer
- Presented student chapter upcoming activities for the coming year
- Provided a chance for new members to join

“Thank you for the nice and informative presentation from the kindest presenters!”
- Rawan Hamdan, an attendee

A Lecture on Critical Appraisal of Pharmacoeconomic Studies  
Speaker: Dr. Abdulaziz Altowairjri, M.Sc., PhD, Assistant Professor, King Saud University, Saudi Arabia

During this lecture, Dr. Altowairjri:
- Introduced major concepts of Pharmacoeconomics
- Presented quality criteria to evaluate pharmacoeconomic research, and
- Discussed the implications of pharmacoeconomics study results with the help of examples
An Alumni Meet

Key learnings:

- Understanding of various job profiles in pharmaceutical sector including HEOR
- Skills required for facing job interviews

“The alumni meet was indeed a good platform to network with graduates, and the guidance I received shall help me....” — Geetank, Student at NIPER

Interaction With an Alum
– Ms. Meghana Panchal (Batch of 2010)

- Various sectors under Medical writing and detailed information about regulatory writing

NIPER= National Institute of Pharmaceutical Education and Research

Stroke Awareness Program

- On World Stroke Day (29 October 2018), we arranged an awareness program where attendees learned About risk factors, symptoms of stroke along with precautions for persons at risk and survivors and role of caregivers for the same.

“This program gave me a clear idea of the risks and threats of stroke.” — Mitesh Rathod

Diabetes Awareness Program

- On World Diabetes Day (14 November 2018), we arranged a program where attendees learned about the Role of the family in the management, care, prevention, and education of Diabetes.

“Attending this event helped me to learn about the management, care and prevention of diabetes.” — Molby C M
Workshop on Introduction to Health Technology Assessment From the Public Policy Angle

Speaker: Mr. Hansoo Kim

- Co-organized by ISPOR NUS Student Chapter and Population Health Special Interest Group
- Supported by PULSES Population Health Grant
- The session covered
  - Health Technology Assessment
  - Decision making in healthcare systems,
  - Concepts on economic evaluation, and
  - Hands-on Markov modelling using Excel.

“This was an excellent workshop and succeeded in giving a flavor of health economic modelling without going too deep into confusing technicalities”

-An anonymous post from Workshop Feedback Survey
A Guest Lecture On Opportunities in HEOR in India
Speaker: Dr. Uday V. Mateti, Assistant Professor of Pharmacy Practice, Pulla Reddy College of Pharmacy, Hyderabad

In this lecture, Dr. Mateti:

- Talked about benefits students can receive from ISPOR student membership. He emphasized on availing benefits offered by ISPOR for education.

- Shed some light on Pharmacoeconomics being a new field of study in India with a huge potential to develop further.

- Stressed upon carrying out studies in the field of pharmacoeconomics and the opportunities ISPOR provides to students to present their papers in international conferences through travel grants.

Guest Lecture Series
Speakers: Mr. Lalith Mittal, Associate Manager, Department of Global Patient Outcomes and Real World Evidence, Eli Lilly and Co, Bangalore; Ms. Nishitha Prabhu, Analyst, Market Access Insights, DRG, Bangalore; Dr. Pradeep Muragundi, Associate Professor, Department of Pharmacy Management, MCOPS, MAHE, Manipal

- Discussed Health Technology Assessment and its importance in HEOR decision-making as well as the process of filing the HTA dossier at regulatory agencies, especially the regulatory agency of Europe, EMEA.

- Highlighted the importance of Market Access.

- Delved on the reasons for high prices of medicines in the U.S. owing to several stakeholders involved.

- Explained the role of employer, managed care organizations, pharmacy benefit managers, government, pharmaceutical companies, and patients in the healthcare system.

- Highlighted basic aspects of pharmacoeconomic evaluations and the various methods and techniques available.


- Held a panel discussion was held to discuss the way forward of using pharmacoeconomic tools and techniques as well as opportunities for career in the said field for the interested participants.

Follow ISPOR Student Network
Panel Discussion on Rules to Govern E-Pharmacy Business in India
Attendees: Faculty members and students

- This event took place to discuss draft rules published in Official Gazette of Indian Government to govern E-Pharmacy Business in India.

- Following faculty members led the discussion.
  1. Dr MS Rathore, M.Pharm, PhD (Faculty Advisor ISPOR Student Chapter, MMCP)
  2. Dr Shamsheer Alam, M.Pharm, PhD
  3. Dr Shailendra Bhatt, M.Pharm, PhD
  4. Dr Inderjit Verma, M.Pharm, PhD
  5. Dr Tarun Sethi, PharmD
  6. Dr Prerna, M.Pharm, PhD
  7. Dr. Geeta, PharmD
  8. 31 students from our university attended the event.

“I would like to thank our ISPOR student chapter for providing such precious opportunity to learn and discuss E-Pharmacy Business in India. It was a great discussion.”
- Devyani Chhabra, an ISPOR Student Member

A Brainstorming Session on Cost of Drugs and Their Use in India
Attendees: Faculty members and students

During this session, students and faculty members participated:

- To analyze the strengths, weakness, opportunity and threats of medicines available and their usage in India.

- To discuss about various studies that revealed that the cost of medicines are highly variable in branded generic and generic drug category in India.
**First-aid Awareness Campaign**

- Arranged at Chavara International School, Vazhakulam, Kerala, India.

- First session was an awareness talk on ‘First Aid’ for the 5th, 6th and the 7th grade students. The contents included the importance of first-aid, components of first-aid kit and the various first-aid measures to be carried out during bleeding, snake bite, fire, electric shock, choking, etc.

- The demonstrations on CPR and the postures and methods to carry a person who has a fracture were indeed interesting.

- Second talk on ‘Medication Safety’ was held for the students of grades 8, 9 and 10. It gave the students an insight into what medicines are, the storage conditions and cautious use of OTC Medicines.

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**Health Screening Services at an Old Age Home**

- It was organized at SD Convent - An old age home for mothers, with 35 residents at Muvattupuzha, Ernakulam, Kerala, India.

- Students very efficiently monitored the blood pressure using sphygmomanometer for all the residents and also for the bedridden patients on special request of the caretakers at the convent.

- A couple of students were engaged in monitoring the blood glucose using Accucheck – finger tip pricking method that contains the glucometer and the glucose strip. “This visit as a part of the ISPOR initiative had a much greater purpose to be served” said the Mother Superior at the SD Convent. It was a highly appreciated and innovative venture by all the residents at the convent. A truly professional and emotionally bound activity. The students were all happy as they could bring a huge smile on residents’ faces.
One–day Workshop on Pharmacoeconomics and its Current Applications in India

Speaker: Dr. Shobha Rani R Hiremath, Principal & HOD, Department of Pharmacy Practice, Al Ameen College of Pharmacy, Bangalore

This workshop discussed:

- Pharmacoeconomic studies - Current accepted cost analysis studies practiced in India.

- Current trends in economic burden in India and its potential in improving the pharmaceutical industry and health care setups.

- Application of various studies in health care setups including public health centers, hospitals, nursing care centers.

- Drawbacks with current Indian studies - largely focusing on population, economic status of the country and co-operation of health centers.

“Dr. Hiremath’s experience in the field of Pharmacoeconomics is quite admirable and has motivated us to take the path of pursuing studies in this field.

Mohammed Fahad Ahmed, ISPOR Student member

A Clean-up Drive

- Education on need for waste management and its cause for failure.

- Advising to practice on the available government base segregation and disposal of non-biodegradable and bio degradable waste.

- Necessity to use and maintain cleanliness in public toilets.

- Concepts of recycling non-biodegradable waste.

- Education and prevention of communicable diseases.

“It was a nice experience working with the local people. The community was responsive and were enthusiastic in participating in the event. At the end of the day both old and young people learned lot from us and we learned from them too”

Yavanika Ramesh, ISPOR Student member
Kerala Relief Fund Donation
Event Coordinator: Ms. Achsah Mathew, Graduate Student

- All students of Poona College of Pharmacy were approached to donate towards the Relief Fund for people affected by the Kerala Funds.

- A sum of Rs.6860 was collected among the students and faculty members.

- Essentials like OTC medicines, baby diapers, sanitary napkins, cotton bandages etc were purchased and the items were sent to Kerala through an NGO located in Hadapsar, Pune called Do For Others (DFO).

Session on Emergency Medicine
Event Coordinator: Ms. Achsah Mathew, Graduate Student

- The ISPOR-BVDU Student Chapter-2018 organized a session on emergency medicine on 12th October, 2018 for PharmD students in the Clinical Pharmacy department of Bharati Hospital and Research Centre. A total of 46 students attended the session.

- Dr. Utsav Mani and Dr. Mohit Jhaveri from the emergency department were invited to conduct the session.

- Dr. Utsav explained various emergency situations and the steps to be taken in such situations.

- After the presentation, Dr. Mohit demonstrated the correct way to perform Cardiopulmonary Resuscitation (CPR) and even asked some students to try the same.

- Overall it was a very beneficial and fruitful experience for all the students.
A One-day Workshop / Seminar on “BLS-ACLS and recent trends in Health Economics and Outcomes Research”
Speakers: Mr. Sourabh Kosey, Mr. Manik Chhabra, Ms. Shrutika, Graduate Students

This workshop focused on:

- Hands on training on Cardio Pulmonary Resuscitation (CPR), first aid on how to respond to choking, bleeding, poisoning etc.
- Update on recent trends in HEOR (Health Economics and Outcome Research)
- Career orientation for Pharmacy students

“I really got self updated about the recent trends in the emerging field of HEOR.”
- Rishab Sharma, Research scholar

World Diabetes Day on theme “The Family and Diabetes”
Speakers: Dr. GD Gupta, Director, ISFCP; Dr. Amit Sharma, Associate Professor, ISFCP; Mr. Sourabh Kosey, Associate Professor, ISFCP

- A session on the awareness and understanding of Diabetes was conducted among students of Department of Pharmacy Practice (PharmD and PharmD PB Students)
- Overview on Non-pharmacological management in Diabetes was provided.

“I really enjoyed learning about diabetes being new in the field of pharmacy.”
- Deepak Sharma, PharmD, 2nd year student
An Outreach Program on World Pharmacist’s Day

- ISPOR Nnamdi Azikiwe University chapter members carried out an outreach program on the 25 September, 2018 (World Pharmacist’s Day) during which people in the community received free medical services such as free Blood pressure check, weight and height measurements, medical counselling etc.

- This was done to mark the World Pharmacist’s Day and to speak to people about joining ISPOR.

- We also used the opportunity to enlighten people on the importance of consulting pharmacists on medication related issues.
Bimonthly Seminar Presentation

- A total of six seminars were organized which were attended by postgraduate students of social & administrative pharmacy.

- Most topics presented were related with the students/committee members’ research project.

- The seminar provided information and knowledge to cover details related to HEOR. It also trained students/committee members how to deliver their presentation well and answer questions professionally.

“I enjoyed attending the seminar. I learned a lot from this event.” - Yeo Hui Yee, Graduate Student

Health Economics Workshop
Speakers: Dr. Asrul Akmal Shafie, Associate Professor, Universiti Sains; Dr. Nathorn Chaiyakunapruk, Professor, Universiti Sains

- The program was conducted as two separate workshops, 1: Basic Health Economics and 2: Decision Modelling for Economic Evaluation

- It was designed to be highly interactive which included presentations, discussions, and case study exercises.

- Main objective was to provide and promote understanding in key areas of health economics evaluation and dissemination of knowledge into practice in search of optimal quality health care delivery.

- Our workshop attracted participants from both public and private sectors which consisted of decision makers, academicians, researchers, students, clinical practitioners and pharmaceutical industry representatives which comprised of 55 participants for Workshop 1 and 48 participants for Workshop 2.

- Content for workshop 1 provided an introduction to the fundamental knowledge of how health economics can guide healthcare decision making as well as to the basic techniques and methods of health economics; whereas workshop 2 dealt with more advanced methods in cost-effectiveness analysis for health care technologies. In addition to presentations, the workshop included a series of exercises focusing on evidence synthesis methods, the development and analysis of a decision model, and computer-based work.
KADI SARVA VISHVA VIDYALAYA
INDIA

A Health Screening Program

- Successfully organized a Health Screening Program on 22nd September, 2018 at K.B. Institute of Pharmaceutical Education & Research, Gandhinagar on the occasion of Pharmacist’s Refresher course.

- 46 Registered Pharmacists attending refresher course and other educational staff were screened and checked for their common health parameters, height, weight, body mass index, blood pressure, ear test (Rinne & Weber test), eye test - visual acuity test (Snellen test - in Gujarati and English), respiratory function - FEV1 and locomotion function with counseling on their current health status on site by a student pharmacist.

National Pharmacy Week Celebration

- On account of the National Pharmacy Week Celebration, ISPOR KSV KBIPER Student Chapter became a part of the national celebration of pharmacist’s week in association with Gujarat State Pharmacy Council of India.

- The theme selected for this year was: "Pharmacists for a healthy India”. The event started with a Health Screening Program conducted at KBIPER along with the Refresher’s Course for pharmacist in which nearly 40 pharmacists were screened.

- Following activities were included in this 9-day long event:
  - Poster making and patient information leaflet making,
  - Guess it out, minute to win it,
  - Elocution competition,
  - Health Screening Program,
  - Scrabble competition,
  - Charades and Pictionary.

- All ISPOR committee members, the faculty advisor and principal of the institution helped our student chapter to make this event a success.
A One-day Workshop on Healthcare Data Analysis

Speakers: Dr. Usha Sambamoorthi, Professor, Health Services and Outcomes Research, School of Pharmacy, West Virginia University; Dr. Nethra Sambamoorthi, Faculty Lead, Northwestern University

In this workshop, students:

- Learned how to manage large datasets and develop cohorts using SAS.
- Learned how to conduct appropriate analysis for healthcare cost and use data.
- Gained familiarity with Medical Expenditure Panel Survey (MEPS) data.
- Gained insights into latest advances in machine learning techniques.

“This was a first-class workshop delivered by world leading experts that taught us a new skillset of interest to the whole group.”

Rhys Axon, Graduate Student
A Sneak Peek into Health Economics
Speakers: Dr. Sunita Nair, Senior Director at DRG Abacus and Dr. Canna Ghia, Physician, Medical and Scientific Affairs, Pfizer

This activity discussed:
- Health Economics and Outcomes Research (HEOR)
- Health Technology Assessment (HTA) and Real World Data (RWD) methods
- Patient Reported Outcomes (PTO) methods
- Overview of Clinical Trials
- Lead Optimization in Drug Molecule Designing

I enjoyed learning about new terms like Incremental Cost Effectiveness Ratio and Quality Adjusted Life Years from this event.

Mansi Desai, ISPOR Student Member

[Front row - From Left to Right: Dr. Sunita Nair (Senior Director at DRG Abacus), Dr. Anuradha Majumdar (Faculty Advisor, BCPI SPORSC), Dr. Canna Ghia (Pfizer), Ms. Priyal Bagwe (President, BCPI SPORSC)]
Introduction to Research Methodology and HEOR

Speaker: Dr. Nafees Ahmed, Professor, Department of Pharmacy Practice, University of Balochistan, Pakistan

- ISPOR student chapter University of Balochistan organized 2nd chapter activity at Faculty of Pharmacy and Health Sciences on 13th November, 2018.

- All ISPOR students and committee members attended the seminar.

- Faculty advisor, Dr. Fahad Saleem, chairperson department of Pharmacy practice University of Balochistan did the opening address.

- Mr. Azfar Akram, President of our chapter, delivered a welcome speech along with a brief introduction about ISPOR and its membership benefits.

- Dr. Nafees Ahmed introduced research methodology and outcome research.

- It was an informative session followed by mutual discussion which was equally engaging.

- At the end Dr. Fahad Saleem our faculty advisor presented certificate of appreciation to Dr. Nafees Ahmed and other ISPOR committee members. He thanked the outgoing president Mr. Azfar Akram and appreciated his contribution and efforts towards ISPOR student chapter University of Balochistan.

“It was a very engaging and informative Activity. I learnt a lot about HEOR and Research Methodology.”
– Faiza Fayyaz, an ISPOR Student member
NEWLY APPROVED STUDENT CHAPTERS
1) UNIVERSITY OF WISCONSIN, USA

ISPOR Student Chapter at University of Wisconsin-Madison was approved on November 28, 2018. The current members are Niying Li (President), Joohyun Park (Vice President), Deepika Rao (Secretary), and Chi-Yin Liao (Treasurer). They are all graduate students from Social and Administrative Sciences in Pharmacy Department at School of Pharmacy, University of Wisconsin-Madison. They worked together and started the ISPOR Student Chapter to connect students in University of Wisconsin-Madison who are interested in pharmacoeconomics and outcomes research.

2) KING’S COLLEGE, UK

We are excited to introduce the ISPOR Student Chapter at King’s College London. Our chapter was registered on October 2018 by PhD students at King’s Health Economics based at the world-renowned Institute of Psychology, Psychiatry and Neuroscience (IoPPN). Various events are planned for the current academic year starting with the launch event on 23rd of January 2019 at Bush House. We aim to bring together all students interested in HEOR at King’s and throughout the greater University of London by providing events and facilities, such as book club, workshops on academic and professional development, guest lectures with speakers from both academia and industry, debates on hot topics in health economics, and networking opportunities.

Our executive committee is pictured from left to right first row: David Aceituno (Secretary, PhD candidate in Health Economics), Huajie Jin (Treasurer, PhD candidate in Health Economics), Sarah Roberts (Vice-President, PhD candidate in Health Economics), second row: Carina Bektur (President, PhD candidate in Health Economics), and Tiyi Morris (Advisor).

3) XI’AN JIAONTONG UNIVERSITY, CHINA

4) HUMBOLDT UNIVERSITY, GERMANY
INTERNSHIP AND FELLOWSHIP OPPORTUNITIES

• 2019 Experiential Internship (Graduate Level) - Health Economics & Outcomes Research — AbbVie, North Chicago, IL, United States
• Summer 2019 Internship - Real World Evidence — Xcenda, Palm Harbor, FL, United States Health Outcomes Post-Doctoral Research Fellow, Fred Hutchinson Cancer Research Center
• Global Value Evidence & Outcomes, Summer Internship — GSK, Collegeville, PA, United States Post-doctoral Fellow, University of California San Francisco
• Intern - US Medical Affairs - Technical Institute — Genentech Inc, South San Francisco, CA, United States
• Intern - US Medical Affairs - Evidence For Access — Genentech Inc, South San Francisco, CA, United States
• PhD fellowship — Allergan/Rutgers, Madison, NJ, United States
• Joint Fellow in Precision Medicine: World Economic Forum and University of California at San Francisco University of California San Francisco – San Francisco, CA, United States
• UCSF Transfers Post-doctoral Fellow — University of California San Francisco, San Francisco, CA, United States
• Novartis US HEOR Oncology Fellow — Novartis, East Hanover, NJ, United States
• Postdoctoral Research Associate in Pharmacotherapy Dept. — University of North Texas Health Science Center, Fort Worth, TX, United States

Find more career opportunities by clicking here.

UPCOMING STUDENT WEBINAR: “ISPOR PREFERENCE SIG: FOCUS, STUDENT MEMBER INVOLVEMENT, WORKING GROUP AND FUTURE INITIATIVES”

February 25, 2019 | 10-11am EDT

Facilitators:
Sofie Berghuis, PhD Candidate, Chapter President, University of Twente, Co-Chair Student Network Education Committee, Enschede, Netherlands
Jason Cohen, MPP, Manager Member Services (Students & New Professionals), ISPOR, Lawrenceville, NJ, USA

Presenters:
Christy Choi, BS, PharmD, PhD Candidate, University of Minnesota, Minneapolis, MN, USA
Axel Mühlbacher, PhD, Professor of Health Economics and Health Care Management, Hochschule Neubrandenburg, Neubrandenburg, Germany
Kevin Marsh, PhD, Senior Research Scientist and Executive Director, Modeling and Simulation, Evidera, London, England, UK

Register Here

RECENT STUDENT WEBINAR: “WHY IT’S TIME TO RETHINK THE ICER”

January 11, 2019 | 11-12pm EDT

Presenter: Mike Paulden, MA, MSc, PhD, Assistant Professor, University of Alberta, Edmonton, Alberta, Canada

We invite you to share this webinar with anyone who might be interested in joining. As always, for those who cannot join the archive will be posted. Thank you to the Education Committee for organizing!

Access the archive on the ISPOR Student Webinar Page.
NEWSLETTER QUIZ

1. Which Student Chapter celebrated fall semester completion at “America’s Escape Games”?

2. What was the UT’s Fall Skills Workshop about?

3. Who was the speaker of the University of Mississippi ISPOR Lunch and Learn event?

4. Workshop on HTA at NUS was co-organized by NUS and which other group?

5. Name two awareness programs organized by NIPER?

NOTE: Please send an email to studentnetwork@ispor.org with answers to the questions above to be eligible for a $100 award for your chapter! Submissions must be received within a week of the release of the Newsletter to be considered for the award. Only replies with correct answers to all 5 questions will be considered for the award. In case of more than 1 entries, we will have a lottery to select a winner at random.

HAPPY NEW YEAR
FROM EVERYONE AT
THE ISPOR STUDENT NETWORK