Dear Colleagues,

Welcome to the Spring 2018 edition of the Student Network Newsletter. This issue brings to you valuable information about upcoming deadlines, career opportunities and new and existing chapter updates. Don’t forget to also check out the key events happening at ISPOR Baltimore in May.

Thank you to everyone who provided updates and information for this issue. We look forward to seeing you at the Annual Meeting this year!

Sincerely,
The 2017-18 Newsletter Committee

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Important Upcoming Dates/Deadlines

- May 4th – Deadline for committee reports to be submitted by committee chairs
  https://www.surveymonkey.com/r/ISPORSNCommitteeReports20172018
- Student Research Competition Sign Up Still Open until 24 teams register —
  https://www.surveymonkey.com/r/ISPORResearchCompetition2018
- Student Committee Sign Up 2018-2019 — https://www.surveymonkey.com/r/StudentCommitteeSignUp2018
- May 11th – Chapter President Meeting with guest speaker Allison Pornoy — Register

ISPOR 2018 BALTIMORE STUDENT EVENTS: (Note some events are only open to Chapter Leaders and these are marked with a single asterisk).
- *May 20th – Student Leadership Retreat, 12:30-4pm EDT
- May 20th – Student Research Competition, 6:30-8:30pm EDT
- May 20th – Student & Faculty Icebreaker Reception, 8:30-9:30pm EDT
- May 21st – New Professional Event: Career Advice Across the Globe— “Effectively Communicating & Presenting your Research”, 11:00-12:00pm EDT (graduating students welcome to attend this event)
- May 21st – Student Research Showcase, 12:30-1:30pm EDT
- *May 22nd – Student & Faculty Luncheon, 12:00-2:00pm EDT
- May 22nd – Student Roundtable Event, 3:30-5:00pm EDT

GRADUATING SOON?
Renew as a New Professional
For the most up-to-date career opportunities set up an alert at the ISPOR Career Center!

Note: Below listings updated as of 4/26/18.

**Health Economist Internship**
Nationwide, United States
Janus Choice

**Research Fellow**
Macquarie University, New South Wales, Australia
Centre for the Health Economy

**Cardiovascular Outcomes Research Fellowship**
Los Angeles, California
Western University of Health Sciences College of Pharmacy

**Post Doctoral Fellow**
Salt Lake City, Utah
University of Utah Pharmacotherapy

**POSTDOCTORAL FELLOW HEALTH ECONOMICS**
Raritan, New Jersey
Johnson & Johnson

**POSTDOCTORAL FELLOW HEALTH ECONOMICS**
Raritan, New Jersey
Johnson & Johnson; Janssen Research and Development

**Postdoctoral Research Fellowship in Health Economics**
Sherbrooke, Quebec, Canada
Centre de recherche du CHUS, Sherbrooke, QC, Canada

**Janssen/ Rutgers Fellowship in Value Evidence and Outcomes Research**
Piscataway, New Jersey
Rutgers Univ.
North America Meeting Planning Committee Update

The North America Meeting Planning Committee (NA-MPC) is excited to announce several upcoming ISPOR activities and events. First, we would like to thank the student chapters for their active participation in the ISPOR student T-shirt competition. The winner was announced on April 6, 2018 and their design will be featured on the t-shirts that will be distributed during the 23rd Annual International Meeting in Baltimore.

We are also excited to announce that the sign-up for the 13th Annual ISPOR Student Research Competition is open. The competition will take place at 6:30 pm on Sunday, May 20th at the 23rd Annual International Meeting in Baltimore. An email with the sign-up link and information about the competition has been sent out to all student chapter presidents. Interested student chapters: hurry up and form a team with your classmates to compete against other teams and show your ISPOR Student Chapter’s statistical significance. Don’t miss out on the research fun! Please note that the sign-up link will remain open until it has collected the first 24 teams or by May 4th (whichever occurs sooner). After the first 24 teams have signed up, any other team with interest can email studentnetwork@ispor.org to be added to a waiting list in the event a school has to drop out. We are very confident that, with your support, this event will once again be one of the top events at the conference!

Last, but definitely not least, we are once again hosting the ISPOR Student Roundtable Event at the upcoming Annual International Meeting in Baltimore. This event was introduced for the very first time by the NA-MPC at last year’s Annual International Meeting in Boston, and it was a huge success. This event is a wonderful opportunity for ISPOR student members to have an active discussion on selected topics with experts and leaders in HEOR. In order to better understand the topics that a majority of you are interested in, we created a poll on Facebook with 14 topics focused on various areas of Health Economics and Outcomes Research. Six topics that received the majority of votes are chosen for roundtable discussions with facilitators. These topics range from methodologies such as machine learning, big data analytics to more career-oriented topics such as transitioning into career in consulting and industry (see the image below).

For each of the topics students will have the opportunity to interact and learning from subject matter experts. Thank you for your active participation in the Facebook poll and we hope to see you all at the event on May 22nd in Baltimore.

Thank you for your tremendous support in making our activities successful and we look forward to seeing you all at the 23rd Annual International Meeting, Baltimore.
Trinity College, Dublin
Joy Leahy - President
Niamh Carey - Vice President
Claire Gorry - Treasurer
Helen O’Donnell - Secretary

On Thursday 15th of February, the Trinity College Dublin (TCD) student chapter held the Inaugural Symposium: “Health Technology Assessment: Current perspectives across Intersecting Disciplines”. Laura McCullagh and Arthur White from the National Centre for Pharmacoeconomics (NCPE) spoke on the clinical and statistical aspects of HTA, respectively, while James O’Mahony from TCD spoke on the health economics side.

All three speakers are highly experienced in their fields. It was a fantastic opportunity to hear from local experts on both the issues of HTA in the Irish setting, and the innovative research in which they are involved. We were delighted with the enthusiasm for the event, with students travelling from the Royal College of Surgeons,

University College Cork (UCC) and University of Limerick to attend.

After the presentations we held a poster session with student posters both from TCD and other Irish universities, across multiple disciplines. It was a great chance for students to showcase their own research, chat to the speakers in an informal setting, connect with students across disciplines, and get to know students from other universities. As Ireland is a relatively small country with a sizeable number of high quality universities, it was hugely beneficial to be able to create communication among attendees and we hope to keep this up in the future. We are very much looking forward to seeing everyone again at the UCC Student Chapter seminar on Health Economics in April!
Royal College of Surgeons in Ireland (RCSI)

Paul Dillon - President

RCSI established its first ever ISPOR Student Chapter in February, and it was an exciting and busy month for our student chapter members. Our colleagues at Trinity College Dublin held an excellent ISPOR student chapter symposium on February 15. Attendees were treated to interesting presentations and delicious pizza! Well done to Joy Leahy et al for being great hosts. The following week, RCSI held the first National Healthcare Outcomes Conference, organized by our very own faculty advisor, Professor Jan Sorenson. This was a full day of presentations from leading Irish HTA and academic experts and concluded with a stimulating panel debate featuring one of Ireland’s prominent politicians in healthcare. We look forward to the upcoming ISPOR student event to be hosted by Gary L. O’Brien at University College Cork.

University of Colorado Denver

Mausam Patidar, MSPH – Chapter President

Dr. Jonathan Campbell, Ph.D. – Faculty Advisor

We started this year with a kick-off meeting where we had our chapter get together to discuss various collective and individual objectives. Our chapter also participated in Western Pharmacoeconomic Conference hosted by the University of New Mexico. We had one Podium presentation and two-poster presentations. One of our chapter members, Katia Hannah, also won the prize for the best poster. We also had a workshop on the Markov Modelling for our student chapter members. We look forward to a successful participation at the ISPOR conference in the summer.

From L-R : Dr. Jon Campbell, Robert Perry, Dr. Melanie Whittington, Kimberly Deininger, Katia Hannah, Mausam Patidar, Dr. Brett Mcqueen, Chong Kim (sitting)
**Karolinska Institutet, Stockholm (New Chapter)**

*Katie Stenson – President*

*Andrea Hannah Kaiser – Vice President*

*Inès Benabida – Secretary*

*Tamrat Befekadu Abebe – Treasurer*

Our new student chapter was approved in January and it was started by students in two Masters programs at Karolinska Institutet (KI); the Health Economics, Policy and Management program and the Bioentrepreneurship program. Each of our committee members had interacted with ISPOR during their work prior to starting at KI and wanted to share their experience with fellow students, while also learning more. The chapter’s first event was a journal club meeting held over lunch, which reviewed the journal article “The Role of Noncomparative Evidence in Health Technology Assessment (HTA) Decisions” by Griffiths et al. Overall, the event was well-attended and there were various viewpoints shared about HTA processes in different countries and potential pros and cons around the different requirements and timelines. In the future, we plan on continuing the journal club meetings every 2-4 weeks, with intermittent career discussions and ISPOR webinars. We are in the process of organizing a company career panel and various stand-alone alumni career events where individuals in related careers can share their daily responsibilities and career paths.
Bombay College of Pharmacy, Mumbai, India

Priyal Bagwe - President
Pallavi Savant - Sub Editor
Alka Yadav - PR Committee

Emphasizing on the activities conducted by the BCP ISPOR SC 2017-18, an article writing competition was held on the following topics:
1) Healthcare - A commodity or a basic need?
2) Need for Universal Health Insurance in India
The participants submitted their articles in the month of November. The winners were awarded with certificates.

We held our very first seminar on 20 January, 2018 on The Golden Hour Essentials was delivered by Dr. Amit Nabar, Head of Department of emergency Medicine and Critical Care, Fortis-Raheja.

Dr. Nabar commenced the session by explaining what day-to-day emergency situations we might come across and the correct treatments for them. The seminar highlighted the various aspects of emergency situations, chain of survival, scene survey, first aid requirements, heart attack consequences, basics of Cardiopulmonary Resuscitation (CPR) with demonstrations.

He finished on a positive note by enlightening us on the significance of CPR. The seminar turned out to be very informative for all the students and teachers.

The second seminar was organized on 16 February, 2018 to provide knowledge and greater understanding of legal aspects of the Intellectual Property Rights conducted by Dr. Ashwini Sandu, IP Strategic Advisor at ITAG Business Solutions. The seminar aimed providing information on patents for inventions, trademarks, industrial designs, and geographical indications. The speaker further discussed the patent as an important tool for pharmaceutical industry and some of the disputed cases.

Looking at the overview of the years activities, the committee will continue to organize educational seminars that will contribute to the growth of the future pharmacists.
Stressing the need of planning and foresight, Dr. Pramil Tiwari elaborated the process of writing the project proposal. He explained the format of the proposal, the difference between methods and methodology, aims and objectives, results and conclusions. He emphasized that the two documents stand 180 degrees apart and the student needs to remain focused while writing any one of them. The symposium was followed by light refreshments organized by the society. The participants received a certificate of participation at the educational meeting held on the same day later in the evening.
Virginia Commonwealth University

Purva Parab - President

We appreciate the support that we got from ISPOR chapter activity grant. We were able to host two events for our university’s chapter members. Both these events were ‘Lunch and Learn’ sessions held in February. We organized these events so everyone interested in health outcomes could attend the webinars hosted by AMCP and ISPOR. The first lunch and learn session was a webinar organized by ISPOR on “Estimating Health-State Utility for Economic Models in Clinical Studies” whereas the second one was a webinar hosted by AMCP on ‘Utilizing Patient-Reported Outcomes to Impact Major Depressive Disorder Management’. Both of these topics were of common interest to many and we had around 15 students attending both webinars. We also had some faculty members attending, which led to a rich discussion amongst the attendees after the webinars. These webinars were very helpful in gaining additional insight in the respective topics and helped in broadening the perspective.

University of Texas- Austin

Landon Marshall - President
Chisom Kanu - Vice-President
Nidhi Shukla - Secretary
Som Ghosh - Treasurer

The ISPOR Student Chapter at UT-Austin has had a successful start to the Spring 2018 academic semester. Already the student chapter has hosted two successful events with three other events currently planned. The first event was a webinar/guest lecture delivered by Dr. William Lawrence, the Senior Clinical Advisor, Communications, Dissemination, and Implementation, at the Patient-Centered Outcomes Research Institute (PCORI). Dr. Lawrence provided an engaging discussion focused on incorporating the patient’s voice in health outcomes research. Further, he encouraged graduate students to conduct research that is centered around the patient in a variety of health systems. The second event was a roundtable discussion with UT alumni Dr. Joe Dye, head of HEOR at UCB Pharmaceuticals. It was great to have Dr. Dye back on campus for a visit and to learn about his path after grad school to US HEOR. Other events this Spring will focus on hands-on technical skills such as survival curve analyses so that students can develop research ideas using these skills. UT-ISPOR will also be planning to have elections for the soon-to-be 2018-2019 school year.
Acharya Nagarjuna University
Ravi. Nagalekhini - President
K. Naga Swathi Sree - Vice President
K. Bhavya Raga Deepika - Secretary

- We conducted AIDS day Awareness program on December 1, 2017 by a performing rally and holding placards in hands at DMHO office near collector office, Guntur.
- Conducted Health and Medical Awareness camp at Dhulipudu, Guntur with 12 students from pharm. D & B.Pharmacy. Awareness on OTC Medicines, Importance of BMI, Importance of diet in different age groups, Complications of Diabetes, Diet on Diabetes, and Hypertension, Awareness about seasonal diseases like Dengue, viral fever, malaria, Importance of regular follow-up for blood glucose levels, blood pressure and hemoglobin levels was done.
- Conducted Home Medication Review program in various apartments in and around Guntur.

University of Manchester, UK
Martin Eden – President
Stuart Wright—Vice President

Chapter members Stu and Alex, along with past-president Sean and Faculty Advisor Katherine, co-authored an article which was published in Nature Reviews Genetics. The paper highlighted challenges of determining the cost-effectiveness of genomic tests.

Student chapter members will be taking part in the Precision Medicine Economics Team launch event taking place in April.

At the annual meeting in Baltimore, our chapter will be represented by Georgios Gkountouras who will be doing a poster presentation of the work from his PhD project looking at medication adherence in type 2 diabetes.
Universiti Sains Malaysia

Haarathi Chandriah (Past President)
Siti Fauziah Abu (New President)

The ISPOR-USM Student Chapter had a productive 2017 with a series of bimonthly seminars organized throughout the year. A total of six seminars were organized which were attended by postgraduate students from the Discipline of Social & Administrative Pharmacy.

The presentation topics were:
- Measurement of Medication Adherence
- Estimating Cost using Generalised Linear Model
- Time trade off & Discrete Choice Experiment
- Estimating Cost by Clinical Pathway
- Multi criteria Decision Analysis: 5W’s & 1H
- Budget Optimization Analysis

On 17 – 21 April 2017, nine of our members travelled to Hanoi, Vietnam to attend the 6th HTAsialink Annual Conference. The chapter members participated actively with a total of seven oral presentations where one presentation received third best oral presentation award. Several chapter members also had an opportunity to attend and meet Prof. Michael Drummond at the Monash University Malaysia Health Economics Workshop in 14-15th November 2017.

On 28 – 29th October 2017, three chapter members (Haarathi, Siti Fauziah & Ng Chin Hui) became facilitators for the Budget Impact Analysis workshop organized by the Clinical Research Centre, Hospital Queen Elizabeth II in Sabah. The speaker/trainer for this workshop was our faculty advisor, Assoc. Prof. Dr. Asrul Akmal Shafie. The workshop was well received by the participants and consisted of an interesting mix of clinicians, pharmacists, nurses and nutritionist.

The Chapter is currently continuing with its Bimonthly Seminars which we hope will be as successful as those organized in 2017. Additionally, the chapter is planning for a Health Economics Workshop to be held in the last quarter of 2018 targeting participants from academia, policy makers and pharmaceutical companies.
On February 23, 2018, Dr. Cameron James, Director, Health Economics and Value Assessment at Sanofi visited Department of Pharmacy Administration, University of Mississippi (UM) as a part of the UM ISPOR Student Chapter activity.

He provided a brief discourse on the importance of collaborative research in healthcare industry. He highlighted the need for collaboration in research by explaining how it can help address the shortcomings of national datasets which are not comprehensive and may fall short in capturing regional nuances in diverse healthcare outcomes.

Dr. James further discussed the ongoing research at Sanofi and possibilities of collaborating on different projects in diverse areas and the kind of support available to researchers through Sanofi. In addition to the faculty and graduate students, the discussion was also attended by several Professional Pharmacy program students who sought guidance about their career prospects. Due to his unique academic background of pursuing a PharmD/PhD combined degree, Dr. James offered some valuable insights to these students early in their career to distinguish their profiles.
The WVU-ISPOR student chapter is wearing red to support American Heart Month!

The West Virginia University (WVU)-ISPOR Student Chapter has had a very successful start to the year 2018! WVU ISPOR members are active in the community. Building on the success of our community-service events in the past year, this year we decided to mix these events with our “Beat the Spring Semester Stress” agenda. Our chapter decided to organize some fun-filled activities to help our student members relieve academic and work-related stress.

In February, the ISPOR Student Chapter members participated in a Dodge Ball Tournament organized by the Energy and Land Management Association (ELMA) at WVU. The tournament was organized to raise funds for community service and to network with other student organizations at WVU. WVU ISPOR team was represented by Jayesh Patel, Xiaohui Zhao, Chibuzo Iloabuchi, Safaruddin (Rudi) Illah, Nazneen Shaikh, Drishti Shah, and Yifan Zhang. The team members wore ISPOR t-shirts received at the annual ISPOR meetings to show their ISPOR pride. While we could not make it any further than the second round of the tournament, it felt good to represent ISPOR in a realm we had never explored before, while also allowing us to contribute positively to the Morgantown community. With more than 2,000 deaths occurring each day from heart disease in the US, our student chapter makes the most of every opportunity to promote a healthy lifestyle. Being a part of the School of Pharmacy at WVU, our student chapter is fortunate to be close to other health institutions like the school of medicine and the school of dentistry. We often take advantage of this and participate in various health promotional activities organized by other schools. On Valentine’s Day, WVU ISPOR student chapter members donned red attire to support American Heart Month along with American Pharmacists Association members. Additionally, as a part of our new “All in one WVU –ISPOR” event which gives us the opportunity to recognize cultural diversity within our chapter, we celebrated the Chinese New Year and Holi (a popular Indian festival).

As a part of the WVU-ISPOR education series, we organized a two-day SAS boot camp in collaboration with our faculty, Dr. Usha Sambamoorthi. We also presented our research at the Van Lier Research Day on March 22. Van Lier is a local research conference that allows students of all levels in the five schools of the Health Science Campus at WVU to present their research. Our student members will be giving oral and poster presentations on topics related to cost of anxiety and depression, opioid utilization in non-cancer pain, use of feminine hygiene products, etc. Our chapter is not only active in representing our department at local...
level but also at various national arenas. For example, Pragya Rai participated in the last issue of "ISPOR by the Numbers." Their work on Cancer Immunotherapy was published in the ISPOR student journal of *Value in Outcomes Spotlight*. Currently three of our student members have volunteered to participate in the next issue on Medical Devices. We are also working on organizing a CV/Resume Review panel consisting of experts from academia, consulting and, industry to help our chapter members in organizing their academic and work-related achievements and to help them better prepare for their careers.

**WVU ISPOR Student Chapter Team**

All set for the Dodge Ball Tournament!

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**University of British Columbia**

**William Hall - President**

**Nirma Khatri Vadlamudi - Vice President**

After a period of latency in the previous year, the ISPOR UBC student chapter is up and running again with three events organized in 2017-2018.

The first event was a “Back to School” get together run in 1st week of September where we invited students from multiple disciplines and schools at the University, introduced the chapter, talked about different types of health economic research areas and surveyed interests of incoming students to organize future events.

The second event was conducted end of November. It had a duel goal of giving students insight into the career trajectory of an academic health economist, and giving them an introductory workshop in decision tree modeling. Our guest for the event was Dr. Bansback, a local health economist, who generously provided his time to tell us about his career.

Our third event was conducted at end of March. Using a similar format to the second event, we were very lucky to have Dr. David Whitehurst, an expert in preference based instruments, to provide insights about his career and research.
ISPOR Manipal Student Chapter

Guest Lecture Series

ISPOR Manipal Student Chapter in association with Manipal College of Pharmaceutical Sciences and Manipal Academy of Higher Education, Manipal organized its third guest lecture as a part of guest lectures series.

Dr. Bharti Chogtu Magazine, Deputy Director, Research (Health Sciences), Manipal Academy of Higher Education was the speaker for the event. Dr. Bharti spoke on the topic “Writing a manuscript” to undergraduate, post-graduate students, research scholars and faculty members on March 31, 2018. Dr. Bharti eloquently explained the various factors that should be kept in Mind while writing a manuscript. She emphasized on the structure of manuscript and sensitized the audience on nuances that are a part of manuscript. Dr Bharti spoke on IMRAD (Introduction, Methods, Results and Discussion) format of manuscript preparation. She explained that before writing a manuscript, it is important to conceptualize and plan your work. Once the work is planned and carried out, it becomes easier to write a manuscript. She touched upon, often overlooked, components of manuscript such as Title, Abstract, Keywords, acknowledgement and how these sections of manuscript should be written. She also explained the concept of structured and unstructured abstract, who should be acknowledge or listed as authors based on contribution, what referencing style shall be followed. Dr Bharti stressed upon mentioning of ethical clearance from Institutional Ethics Committee, and the reference number of such clearance, about research involving animal or human subjects in the manuscript.

Dr. Bharti concluded her talk stating that the aim of research papers (manuscripts) is to reach out to a larger audience and advance scientific knowledge and not merely a value addition in CV.
NEWSLETTER QUIZ

1) Students from which other universities attended the inaugural symposium held by the Trinity College, Dublin Chapter?

2) Name the newly introduced Student Chapter.

3) Name the Student Chapters which have started a podcast series in collaboration.

4) Name the Student Chapter which organized six bimonthly seminars in 2017.

5) Which Student Chapter organized the SAS boot-camp?

NOTE: Please send an email to the newsletter committee members (contact information on next page) with the answers to the above questions to be eligible for the $100 award to your chapter!

Submissions must be received within a week of the release of the Newsletter to be eligible.
2017-2018 NEWSLETTER COMMITTEE

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Submit an Article!
To submit an article for the ISPOR Student Network Newsletter, please contact the ISPOR Student Network or a Committee member above.