**SHORT COURSES: SATURDAY, MAY 19**

**ALL DAY COURSES 8:00AM-5:00PM**
- Introduction to Pharmacoeconomics
- Bayesian Analysis – Overview and Applications
- Introduction to the Design & Database Analysis of Observational Studies of Treatment Effects Using Retrospective Data Sources
- Introduction to Modeling Methods
- Introduction to Patient Reported Outcomes
- Utility Measures
- New! Introduction to Constrained Optimization Methods for Health Care Research
- Elements of Pharmaceutical/Biotech Pricing I – Introduction
- Interoperability and Informatics - Practical Tools and Strategies for Analyzing Real World Data

**AFTERNOON COURSES 1:00PM-5:00PM**
- Case Studies in Pharmaceutical/Biotech Pricing II – Advanced
- Meta-Analysis and Systematic Reviews in Comparative Effectiveness Research
- Collecting Health-State Utility Estimates for Economic Models
- Modeling: Design and Structure of a Model
- Applications in Using Large Databases
- Use of Propensity Scores in Observational Studies of Treatment Effects
- New! Conjoint Analysis and Stated Preference Methods – Part I
- New! Value of Information: Active Learning, Modeling Tools and Applications Discussions

**SHORT COURSES: SUNDAY, MAY 20**

**MORNING COURSES 8:00AM-12:00PM**
- Using DICE Simulation for Health Economic Analyses
- Cost-Effectiveness Analysis Alongside Clinical Trials
- Statistical Methods in Economic Evaluations
- Risk Sharing / Performance-Based Arrangements for Drugs and Other Medical Products
- New! Conjoint Analysis and Stated Preference Methods – Part II
- Patient-Reported Outcomes: Item Response Theory
- Use of Instrumental Variables in Observational Studies of Treatment Effects
- Budget Impact Analysis I – a 6-Step Approach
- New! Economic Drivers of Pharmaceutical Value and Development of a Holistic Value Proposition
- New! Introduction to Health Technology Assessment

**AFTERNOON COURSES 1:00PM-5:00PM**
- Introduction to Big Data Analysis: Graph Analytics
- Budget Impact Analysis II – Applications and Design Issues
- US Payers – an Introduction to Their Structures, Evidence Needs, and Decision-Making Process
- Network Meta-Analysis
- Advanced Decision Modeling for Health Economic Evaluations
- Advanced Patient-Reported Outcomes
- New! Preference Data for Patient-Centric Benefit-Risk Analysis
- Fitting the Structure to the Task: Choosing the Right Dynamic Simulation Model to Inform Decisions about Health Care Delivery
- New! A Health Economics Approach to US Value Assessment Frameworks
- New! Causal Inference and Causal Diagrams in Big Real World Observational Data and Pragmatic Trials

**MEETING REGISTRATION FEES**

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<thead>
<tr>
<th>Standard</th>
<th>$700</th>
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<tr>
<td>Clinical/Government/Academia</td>
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<tr>
<td>Full-Time Students (must provide current enrollment docs)</td>
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<td>Patient Representative</td>
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**MEETING ENHANCEMENT FEES**

- Short Course Continuing Education Accreditation (CPE & CME)  
  Member $125  
  Non-Member $125
- ISPOR Social Event: Tuesday, May 22, 2018: Tin Roof Baltimore  
  $30

**To calculate:** Please add the Short Course fee(s) to the appropriate Registration fee, plus any Enhancement fees. **TOTAL FEE:**

**PAYMENT INFORMATION**

- **Credit Card:** If your preferred payment method is credit card, please register online through our secure website at www.ispor.org.
- **Check**: Drawn on a US bank made payable to ISPOR. Please include a registration form with payment and mail to: ISPOR, 505 Lawrence Square Blvd South, Lawrenceville, NJ 08648 USA
  
- **Bank Transfer:** Contact registration@ispor.org for bank transfer details and please make sure your name is included on the transfer details to ensure proper allocation. Additional $40 applies.
- **Membership Details:** If ISPOR cannot verify your current membership, you will be charged the non-member registration fee. When you register as a non-member, you receive an ISPOR membership which includes a one year online subscription to Value in Health - The Journal of the International Society for Pharmacoeconomics and Outcomes Research.

- **Cancellation Details:** Cancellation fee before April 9, 2018 is US $100. Cancellations must be received in writing at registration@ispor.org. No refunds after April 9, 2018. You may transfer your registration to a colleague at any time, but membership is non-transferable. Substitute registrants will be responsible for the non-member fee, if applicable.

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