**Analytics Conference Draft Agenda**

**January 29, 2018**

**MGH Simches Research Center**

***Hosted by:***

 ***Center for Comparative Medicine, MGH***

***Office of Animal Resources, Harvard University Faculty of Arts and Sciences***

7:30 – 8 AM Sign-In Registration

8:00 AM Welcome From MGH/VOEN/Outline of the Day

***\* All Presentations will be 15 mins long with 10 mins for Q&A; Each speaker will have a short (3-5 min) introduction***

**Session A: Operational Equipment and Supply Management**

 8:15 AM Presentation 1: Low and High Tech Options for IVC Rack Inventory Management (Niemi)

8:40 AM Presentation 2: Data Based Determination of Optimal Micro Isolator Top Change Interval for Rat and Mice Across Five Types of Ventilation Systems (Freeman)

9: 05 AM Presentation 3: Disinfectant Price Analysis: Calculating the Cost Behind the Curtain (Hutto)

9:30 AM Presentation 4: Optimizing RFID Cage Census Frequency (Hildrebrand)

9:55 AM Break (15 mins)

**Session B: Clinical Care and Compliance Management**

10:10 AM Presentation 5: Improved lab animal operations and quality of care at WVU (Washington)

10: 35 AM Presentation 6: Integrating *Free tech* to Improve Vivarium Efficiency (Thurman)

11:00 AM Presentation 7: Evidence-Based Behavioral Management (Hutchinson)

11:25 AM Presentation 8: Comparison of Sire Conception Rates in Rhesus Macaque (Macaca mulatta) Males Between Two Harem Breeding Arrangements

11:50 AM Lunch (30 minutes)

**Session C: Human Resourcing and Operational Management**

12:20 PM Presentation 9: Scheduling Work at Yale Animal Resources Center (Yale)

12:45 PM Presentation 10: Balancing Cage Husbandry Duties amongst Animal Technicians (Jorgenson)

1: 10 PM Presentation 11: *Title Needed (Automated Continuous Home Cage Monitoring (Hasenau)*

1:35 PM Break (15 mins)

2:00 PM Presentation 12: Analytic Decisions on Durable or Disposable Plastic Caging Systems (Zauner)

2:25 PM Presentation 13: Workforce Resourcing and Management: Hiring, Engagement and Retention Metrics Tracking (Gibbons/Jarrell)

2:50 PM Guest Speaker (To Be Confirmed)

3:20 PM What Next & Closing Remarks

3:45 PM Conference Ends