

POMS Applied Research Challenge

FINAL PRESENTATIONS

2014 POMS Annual Meeting
Friday May 9, 3:30-5pm, Room A602

We are proud to announce the POMS Applied Research Challenge finalists. In alphabetical order:

- 1) How Company-Specific Production Systems Affect Plant Performance: The S-Curve Theory. Torbjørn Netland (Norwegian University of Science and Technology), Kasra Ferdows (Georgetown U).
- 2) Inventory Showrooms and Customer Migration in Omni-channel Retail: The Effect of Product Information. David Bell (Wharton), Santiago Gallino (Tuck), Antonio Moreno (Kellogg).
- 3) Risk, Process Maturity, and Project Performance: An Empirical Analysis of US Federal Government Technology Projects. Anant Mishra (George Mason U), Sidhartha Das (George Mason U), James Murray (Lockheed Martin).

Each finalist will give a 30-minutes presentation on Friday May 9 at the 2014 POMS Annual Meeting in Atlanta (Room A602, 3:30pm). **The winner will be announced on Saturday at the conference plenary (12:30pm) in the Atrium Ballroom A.**

About the POMS Applied Research Challenge

How It Started

At POMS there is a strong belief that the interaction with practitioners is critical for idea creation. The current POMS President Chris Tang (UCLA) is particularly adamant about this and so are the POMS members that answered a survey carried out by Janice Carillo (U Florida). The survey showed that there was a need for POMS to encourage its members to conduct rigorous applied research that is relevant and innovative. In response to this need, the POMS Applied Research Challenge (POMS ARC) was launched in October 2012.

The Judges

The POMS ARC is somewhat unique in that it has two review panels. On the one hand, there is a Practitioner Judge Panel in which all members are former POMS Martin K. Starr Excellence in Practice Award Winners. On the other hand, there is an academic panel formed by academics with a track record

in applied research (e.g., have published in *Interfaces/OR Practice* or have participated in other practice-based competitions such as the Edelman Award). The members of both panels are shown here below and POMS is grateful to have such a distinguished group of judges.

POMS ARC Practitioner Judge Panel



Corey Billington
e3 Associates
Founding Partner



Edwin Keh
Walmart
Former COO



Dino Petrarolo
CCI Inc.
Vice President



Gang Yu
Yihaodian
CEO

POMS ARC Academic Panel



Feryal Erhun
Stanford University



Nagesh Gavirneni
Cornell University



ManMohan Sodhi
City University London
& ISB



Felipe Caro
UCLA Anderson

The Process

The POMS ARC begins with a list of research topics approved by the Practitioner Judge Panel. The goal is to have a short list of strategic and operational research topics that are specifically relevant to the current practice of production and operations management. The list of approved topics is posted on the POMS mailing list and website (see http://www.poms.org/ARC_process_v5.pdf). Authors can seek feedback from the panels before the final submission deadline (December 1st, 2013).

The paper submissions go through a two-step review process. First, the academic panel selects a small set of finalists. Second, the finalists are invited to present their work at the POMS Annual Meeting Conference and the Practitioner Judge Panel selects the winner. All the finalists get to publish an extended abstract of their work in the POM journal. The first prize is accompanied by a \$2,000 honorarium.

The Selection Criteria

True to its mission, the POMS ARC aims for innovative ideas, rigorous analysis (empirical, analytical, or behavioral), managerial insights, implementable ideas, and impact on practice/research. A paper with a mathematical model but without a convincing practice-based motivation and test bed does not fit in the competition. The purpose of the two-step review is to make sure that the work is relevant to practice and eventually could be published in a journal like POM or similar. This dual review differentiates the POMS ARC from other outlets that encourage applied research.