OBAIS Seminar Series

Challenges and Opportunities in Scheduling Healthcare Providers

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Abstract: The scheduling of healthcare providers has significant implications for patient safety and quality of care; provider satisfaction; and quality of medical education. Yet these problems yield substantial challenges due to both their combinatorial nature and the lack of a single, well-defined objective function. I will discuss both practical and theoretical aspects of these important real-world problems.

Biography: Professor Amy Cohn is a Thurnau Professor at the University of Michigan. She is an Associate Professor in the Department of Industrial and Operations Engineering, with a dry appointment in the School of Public Health, as well as the Associate Director of the Center for Healthcare Engineering and Patient Safety. She is also an Affiliate of the MIT Global Airline Industry Program. Her research interest is in applied combinatorial optimization, primarily in healthcare and aviation. She received her Ph.D. in Operations Research from the Operations Research Center at the Massachusetts Institute of Technology in 2002 and earned the A.B. in Applied Mathematics from Harvard University in 1991.

For information about the OBAIS Seminar series, contact Uday Rao, uday.rao@uc.edu, 513 556 7138