

VINCENT W. SLAUGH

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SC Johnson College of Business ◊ Cornell University

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ACADEMIC APPOINTMENTS

SC Johnson College of Business, Cornell University

July 2016-present

Assistant Professor, Nolan School of Hotel Administration

—Services Management Area

—Operations, Information, and Technology Management Area

—Faculty Fellow, Cornell Institute for Healthy Futures

Smeal College of Business, Penn State University

August 2015-July 2016

Visiting Assistant Professor of Supply Chain Management

EDUCATION

Tepper School of Business, Carnegie Mellon University

August 2015

PhD in Operations Management; Minor in Public Policy

Thesis: *Essays in Service Operations Management*

Advisor: Prof. Sridhar Tayur

Tepper School of Business, Carnegie Mellon University

May 2012

Master of Science in Operations Management

Penn State University

August 2009

Master of Science in Operations Research

Master of Science in Industrial Engineering

Bachelor of Science with Honors in Industrial Engineering

Bachelor of Arts in History

RESEARCH

Journal Papers

Ornelas, Jacob, Vincent W. Slauch, and Christopher K. Anderson. “Hiring Preference and Operational Complexity for Tribal Enterprises.” *Forthcoming in Production and Operations Management*.

Slauch, Vincent W. and Alan A. Scheller-Wolf. “Flexibility and Consistency in Long-Term Care Rostering.” *Manufacturing & Service Operations Management* 25.2 (2023):719-736.

Slauch, Vincent W., Alan A. Scheller-Wolf, and Sridhar R. Tayur. “Consistent Staffing for Long-Term Care through On-Call Pools.” *Production and Operations Management* 27.12 (2018): 2144-2161

Slauch, Vincent W., Bahar Biller, and Sridhar R. Tayur. “Managing Rentals with Usage-Based Loss.” *Manufacturing & Service Operations Management* 18.3 (2016): 429-444.

Slaugh, Vincent W., Mustafa Akan, Onur Kesten, and M. Utku Ünver. "The Pennsylvania Adoption Exchange Improves Its Matching Process." *Interfaces* 46.2 (2016): 133-153.

Under Review

Li, Buyun and Vincent W. Slaugh. "Capacity Planning for Resource Turnaround Operations." Major Revision at *Manufacturing and Service Operations Management*.

Dierks, Ludwig, Nils Olberg, Sven Seuken, Vincent W. Slaugh, and M. Utku Ünver. "Search and Matching for Adoption from Foster Care." Major Revision at *Operations Research*

Working Papers

Dierks, Ludwig, Vincent W. Slaugh, and M. Utku Ünver. "Child Welfare Platform Design to Improve Outcomes for Children with Disabilities." *Working Paper*.

Slaugh, Vincent W., Andre A. Cire. "Work Design and Scheduling for Dialysis Clinics." *Working Paper*.

Slaugh, Vincent W., Linwei Xin, and Shane G. Henderson. "Flock Management for Solar Grazing." *Working Paper*.

Book Chapters

Slaugh, Vincent W., Ludwig Dierks, Alan A. Scheller-Wolf, Andrew C. Trapp, and M. Utku Ünver. "Child Welfare Services in the United States: An Operations Research Perspective." Forthcoming in Gemma Berenguer and Milind Sohoni (Eds.), *Nonprofit Operations and Supply Chain Management: Theory and Practice*. Springer Nature.

TEACHING

Courses Taught

- **Operations Management (HADM 7030)**
Cornell University 2024
- **Critical Thinking and Mathematical Modeling in Operations (HADM 2021)**
Cornell University 2023-present
- **Hospitality Operations and Consulting (HADM 4070/6070)**
Cornell University 2018,2020,2022,2024
- **Service and Healthcare Operations Seminar (HADM 9310)**
Cornell University 2022
- **Transportation and Distribution (SCM 810)**
Penn State University 2016
- **Demand Planning (SCM 597), Penn State University** 2016
- **Supply Chain Analytics (SCM 421), Penn State University** 2015
- **Operations Management (70-371), Carnegie Mellon University** 2013

Advanced Training

- **Student, Teaching & Learning in the Diverse Classroom**, Center for Teaching Innovation, Cornell University

- **Graduate, Future Faculty Program**, Eberly Center for Teaching Excellence and Educational Innovation, Carnegie Mellon University

SERVICE

- Reviewer
 - *Management Science*
 - *Manufacturing & Service Operations Management*
 - *Production and Operations Management*
 - *INFORMS Journal on Applied Analytics*
 - *Cornell Hospitality Quarterly*
 - Winter Simulation Conference
- Chair, Child Welfare Operations Symposium, Cornell University 2023-2024
- Chair, Operations Excellence Roundtable, Cornell University 2024
- Chair, MSOM Society Healthcare Track, INFORMS Annual Meeting 2024
- Faculty Advisor, Cornell Disc Golf Club 2024
- Seminar Co-organizer, Services Management Area, Cornell University 2024
- Seminar Co-organizer, OTIM Area, Cornell University 2022-2023
- Co-organizer, OTIM Annual Symposium, Cornell University 2023-2024
- Chair, Cornell Institute for Health Futures Roundtable on Senior Living Workforces 2022
- Coach, Hilton Hospitality Hackathon, Cornell University 2019,2021,2022,2024
- Judge, Deloitte MBA Operations Case Competition, Carnegie Mellon University 2015
- Coach, Bowersox Graduate Supply Chain Challenge, Michigan State University 2013
- Representative, Graduate Student Assembly, Carnegie Mellon University 2011 - 2013
- President's Student Advisory Council, Carnegie Mellon University 2011 - 2012
- President, Alpha Pi Mu I.E. Honor Society, Penn State University 2007 - 2008
- Member, Penn State I.E. Centennial Committee 2006 - 2008

GRANTS

- "Child Welfare Operations Symposium," Cornell Center for Social Sciences (\$5,000) 2023
- "Promoting Best Practices in Senior Living Staffing," Engaged Cornell Grant (\$5,000) 2019

HONORS AND AWARDS

- Honorable Mention, INFORMS Public Sector OR Video Competition 2024
- Finalist, INFORMS Public Sector OR Paper Competition 2024

- Dean's Distinguished Award for Impact through Service , SC Johnson College of Business
2024
- Third Place, INFORMS Case and Teaching Materials Competition *2016*
- Second Place, INFORMS Service Science Section Best Student Paper Award *2015*
- Finalist, INFORMS Doing Good with Good OR Competition *2013*
- First Place, McKinsey MBA Team Case Competition, Tepper School of Business *2013*
- William Larimer Mellon Fellowship *2009 - 2012*
- Outstanding Industrial Engineering Senior, Penn State University *2008*
- Harold and Inge Marcus Scholarship *2006 - 2008*
- Invitrogen Corporation Scholarship *2008*
- Industrial Engineering Department Service Award, Penn State University *2008*
- First Place, Senior Design Competition, Penn State University *2007*

COMPUTING SKILLS

Programming Languages	Java, R, Python, VBA for Excel
Optimization Software	CPLEX, Google OR-Tools, RiskSolver
Simulation Software	@Risk, Arena, AutoMod, Java Simulation Library
Other Software	Tableau, MATLAB, Mathematica, SPSS Modeler