

Evan T. Barlow  
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<http://www.kellogg.northwestern.edu/faculty/barlow/index.htm>

## Education

PhD, Operations Management; Northwestern Univ. Kellogg School of Mgmt.; 2011 – 2016  
Advisors: Gad Allon and Achal Bassamboo  
MS, Chemical Engineering; Univ. of Texas – Austin; 2004 – 2007  
BS, Chemical Engineering; Brigham Young Univ.; 1998 – 2004

## Work Experience

Research Scientist; Bristol-Myers Squibb; 2007 – 2011

- Cancer drug candidate: process development; quality control standards and strategies; pilot plant execution; commercial production launch; and supplier selection, validation, and production oversight
- Improved process greenness, waste management, yield, safety, cycle time, and quality
- Organization involvement: Lean Six Sigma Kaizen team, stats team, research training

## Publications, Working Papers, and Works in Progress

1. Barlow, Allon, Bassamboo. Workers' Flexible Training and Empowerment with Production Decision Rights (work in progress).
2. Barlow. JIT Production and Labor Hoarding: The Impact of Labor Costs and Frictions on Production Timing (work in progress).
3. Barlow, Allon, Bassamboo. [Poaching Workers in a Supply Chain: Enemy from Within?](#) *Management Science* (under revision).
4. Lobben, Barlow, et al. [Control Strategy for the Manufacture of Brivanib Alaninate, a Novel Pyrrolotriazine VEGFR/FGFR Inhibitor.](#) *Organic Process Research and Development* (forthcoming)
5. Broxer, Barlow, et al. [The Development of a Robust Process for a CRF<sub>1</sub> Receptor Antagonist.](#) *Organic Process Research and Development* **2011**, 15(2), 343
6. McClure, Barlow, et al. [Effect of Dilute Nitric Acid on Crystallization and Fracture of Amorphous Solid Water Films.](#) *Journal of Physical Chemistry C* **2007**, 111, 10438
7. McClure, Barlow, et al. [Transport in Amorphous Solid Water Films: Implications for Self-Diffusivity.](#) *Journal of Physical Chemistry B* **2006**, 110, 17987
8. Goodman, Barlow, et al. [Computational Model of Device-Induced Thrombosis and Thromboembolism.](#) *Annals of Biomedical Engineering* **2005**, 33, 780
9. Hunsaker, Barlow, et al. Renewable transportation fuels from biomass and black liquor. *Science in Thermal and Chemical Biomass Conversion, CPL Press, 2006, Vol. 2*

Employability Status: **US Citizen**

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### Conference Presentations

- Barlow, Allon, Bassamboo. Worker Poaching in Supply Chains: Enemy from Within? *MSOM Annual Meeting*, Toronto, June 2015
- Barlow, Allon, Bassamboo. Worker Poaching in Supply Chains: Enemy from Within? *INFORMS Annual Meeting*, San Francisco, Nov. 2014
- Barlow, Allon, Bassamboo. Worker Poaching in Supply Chains: Enemy from Within? *MSOM Annual Meeting*, Seattle, June 2014
- Barlow, Allon, Bassamboo. Poaching in Supply Chains. *INFORMS Annual Meeting*, Minneapolis, Oct. 2013
- Barlow, et al. Quality Control by QbD-Guided Optimization of Reaction and Crystallization for API Intermediate. (presentation) *AIChE Annual Meeting*, Salt Lake City, Nov. 2010

### Consulting Project

- Impact of and Recovery from Critical Employee Turnover in Consumer Product Production

### Teaching Experience

- Service Ops Case Expansion Project (in progress), 2015
- Core MBA Ops Course TA, 2012-2015
- Undergraduate Management Program, Ops Course TA, 2012-2015
- MBA Analytical Decision Modeling Course TA, 2012-2015
- Chemical Engineering Laboratory Graduate Student Instructor, 2007
- Physical Chemistry Laboratory Graduate Student Instructor, 2005-2006
- Undergraduate Math Tutor/TA, 1998-99, 2001-02

### Honors, Awards, and Service

- **3<sup>rd</sup> Place** BYU Business Plan Competition, April 2003, BYU Marriot School of Business, *introducing bio-diesel fuels into transportation industry*
- **Finalist** BYU Elevator Pitch Competition, Oct. 2003, BYU Marriot School of Business
- Provided self-improvement courses, youth outreach programs, substance abuse programs, and English courses in St. Petersburg, Russia; Dec. 1999 – Sept. 2001; LDS Church
- **Community service:** contribute to and participate in programs to combat hunger, Habitat for Humanity volunteer

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## Languages

- *Russian*: near fluent in reading and writing, and good in speech (5 years study, 2 years living)
- *Spanish*: good in reading, writing, and speech (7 years study, 2 years living)

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