

# Amy J. Williams

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[LinkedIn](#)

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## Education

- Expected 2023 Paul Merage School of Business, University of California, Irvine  
PhD in Management, Operations and Decision Technologies
- 2010 Yeshiva University  
B.A. Physics  
GPA 3.67  
*Cum Laude*, Dean's List, Pi Mu Epsilon (Mathematics Honors Society)

## Work Experience

- 2015 – 2018 **Hudson's Bay Company, Saks Fifth Avenue Off 5<sup>th</sup> & Gilt Groupe**  
New York, NY  
Omni-channel Merchandise Planner
- Analyzed, prepared, and presented data to forecast sales, manage inventory, maximize margin, and develop strategies to optimize omni channel performance*
- 2013 – 2015 **Fitbit, Inc.**  
San Francisco, CA  
Research Analyst/Engineer, Research and Development Team
- Designed user studies; collected, analyzed, and presented data critical to the development of algorithms and product development*
- 2010 – 2012 **Statistics Collaborative, Inc.**  
Washington, D.C.  
Research Asst./Assoc.
- Programmed, edited, and produced safety and efficacy statistical reports for use in ongoing pharmaceutical clinical trials*
- 2008 – 2010 **Yeshiva University, Physics Department**  
New York, NY  
Research Asst. & Teaching Asst. (Physics Lab)
- Researched topics in condensed matter physics: conceptualized, designed, and constructed molecular devices and ran coded simulations to test devices' conductance*
- Summer 2007 **Materials Research Science and Engineering Center Research Experience for Undergraduates (MRSEC REU), University of Minnesota**  
Minneapolis, MN  
Research Participant
- Conducted research at the Magnetic Microscopy Center: tested gadolinium for magnetic behavior around the Curie temperature*

## Awards

- 2017                      Advanced Merchant Development Program, HBC (*nominated and selected as a high-potential employee*)
- 2010                      Excellence in Physics Award, Yeshiva University Physics Department
- 2009                      Provost Merit Scholarship, Yeshiva University
- 2008                      1st Place Poster Award, Yeshiva University Physics Department
- 2008                      Skyline Conference Sportsmanship Award for Women's Team Tennis

## Publication & Presentations

### Journal Publication

Prodan, Emil and Amy LeVee [Williams]. "Tunneling transport in devices with semiconducting leads." *Physical Review B* 81, no. 8. 2010.

### Academic Presentations

Williams, Amy. "Allocation Strategy for a Rental Provider with Deteriorating Inventory Quality." First-year Research Presentation. University of California, Irvine, Operations and Decision Technology. Irvine, CA. 2019.

LeVee [Williams], Amy. "Tunneling transport in devices with semiconducting leads." Poster Presentation. American Chemical Society Annual Conference. Salt Lake City, UT. 2009.

LeVee [Williams], Amy. "Tunneling transport in devices with semiconducting leads." Stern College Physics Department Poster Competition. New York, NY. 2009.

LeVee [Williams], Amy. "The Inspection of Gadolinium at its Curie Temperature." Department of Physics, University of Minnesota MRSEC REU. Minneapolis, MN. 2007.

### Industry Presentations

"Omni Channel Category Strategy for Spring 2017." Saks Fifth Avenue Off 5<sup>th</sup> & Gilt Groupe. 2017.

"Home Inventory Liquidation Strategy." Saks Fifth Avenue Off 5<sup>th</sup>. 2017.

"Revenue Forecasting for Fall 2017." Saks Fifth Avenue Off 5<sup>th</sup>. 2017.

"Optimizing Boot/Sandals arrival time in Stores." Saks Fifth Avenue Off 5<sup>th</sup>. 2016.

"Activity Recognition: Efficacy through User Studies." Fitbit. 2015.

"Sensor Assessment and Validation for Activity Trackers." Fitbit. 2014.

## Skills

Programming: R, SPSS, Matlab, Python, SAS, advanced Microsoft Office Suite

Computer: Advanced Excel, Powerpoint, Word, Adobe Reader  
Merchandising Systems: Microstrategy, JDA allocation, SpiBuy

**Athletics**

NCAA Women's Team Tennis (2006-2008)

Peterson Park Gymnastics Team (2000-2006)