

# MARINA V. POLYASHUK

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## EDUCATION

- 1987 - 1990:**            **Institute of Control Sciences of the USSR Academy  
of Sciences**  
Moscow, USSR  
*Ph.D. in Operations Research*
- 1973 - 1978**            **Moscow Institute of Railway Transport Engineers**  
Moscow, USSR  
*B.S. in Applied Mathematics*

## WORK EXPERIENCE

- 2006 – present:**        **Northeastern Illinois University**  
Chicago, Illinois  
*Associate*

## INVITED AND CONTRIBUTED TALKS

### Presented original research work at the following venues:

24<sup>th</sup> International Conference on Multiple Criteria Decision Making (Ottawa, Canada, July 2017) (invited talk)  
The 7<sup>th</sup> Workshop on Mathematical and Statistical Modeling (NEIU, December 2015)  
The 5<sup>th</sup> Workshop on Mathematical and Statistical Modeling (NEIU, December 2014)  
INFORMS Annual Meeting (San Francisco, 2014) (invited talk)  
The 3<sup>rd</sup> Workshop on Mathematical and Statistical Modeling (NEIU, December 2013)  
INFORMS Annual Meeting (Phoenix, 2012) (invited talk)  
INFORMS Annual Meeting (Pittsburgh, 2006) (invited talk)  
INFORMS Annual Meeting (San Francisco, 2005) (invited talk)  
17<sup>th</sup> International MCDM Conference (Canada, 2004) (refereed presentation)  
INFORMS Annual Meeting (Atlanta, October 2003)  
INFORMS Annual Meeting (Miami, November 2001)  
INFORMS Annual Meeting (San Antonio, November 2000)  
35<sup>th</sup> ORSA-TIMS National Meeting (Chicago, 1993)  
EURO-TIMS Conference (Helsinki, 1992)  
14<sup>th</sup> International Symposium on Mathematical Programming (Amsterdam, 1991)  
9<sup>th</sup> International MCDM Conference (Fairfax, 1990)

## SELECTED PUBLICATIONS

“Multi-Criteria Solutions for Optimizing Lineup in Baseball”, submitted to the *Proceedings of the 7th International Conference on Mathematics in Sport*.

“Applying Intangible Criteria in Multiple Criteria Optimization Problems: Challenges and Solutions”, a chapter for the book *Advanced Studies in MCDM*, 2018 (under review).

“Some Solutions for Baseball Manager’s Problems: Choosing a Set of Starters in their Fielding Positions”, *NEIU Technical Report # 15-1206*, 2015.

“Some Solutions for Baseball Manager’s Problems”, *NEIU Technical Report # 12-0923*, 2012.

“A Formulation of Portfolio Selection Problem with Multiple Criteria”, in *Journal of Multi-Criteria Decision Analysis* 13, 2006.

“Some Results on Binary Preference Relations in Multiple Criteria



**EXPERIENCE****A partial list of service responsibilities between 2001 and present:**

Member of the NEIU Faculty Senate  
Member of the NEIU Faculty Awards Committee  
Member of the NEIU general Education Committee  
Member of the University Personnel Committee  
Member of the College Academic Affairs Committee  
Advisor to Mathematics Minors