

# Richard Kohar

Department of  
Mathematics & Computer Science  
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## Education

Masters of Science, 2011 – Present.  
Royal Military College of Canada  
Department: Mathematics & Computer Science.  
Advisors: Prof. W. J. Hurley & Prof. J. Brimberg  
Bachelor of Science (Honours), 2007 – 2011  
McMaster University  
Department: Mathematics & Statistics.  
Applied mathematics option.

## Teaching Experience

The Royal Military College of Canada, Department of Mathematics & Computer Science, Lecturer, Aug 2013–present.  
The Royal Military College of Canada, Department of Mathematics & Computer Science, Teaching Assistant, Aug 2011–Apr 2013.

## Research

### *Peer-Reviewed Publications*

Hurley, W. J., Brimberg, J., Kohar, R. (2013) Examining a Gambler's Claims: Probabilistic Fact Checking and Don Johnson's Extraordinary Blackjack Winning Streak. *Chance*. (In Press)  
Shoucri, R. M., Kohar, R. ESPVR and Heart Failure. *World Congress on Medical Physics and Biomedical Engineering, IFMBE Proceedings*, 39:180–183, 2012.  
Shoucri, R. M., Kohar, R. Criteria for Study of Heart Failure derived from ESPVR. *34th Annual International Conference of the IEEE EMBS*, 5586–5589, 2012.

## Conferences

### *Invited Speaker*

Optimization of a Wireless Channel

Southwestern Ontario Graduate Mathematics Conference, Guelph, ON,  
4–5 June 2013.

Ottawa Mathematics Conference, Ottawa, ON, 17–18 May 2013.

Hemodynamics: Source of Intrigue for Pure & Applied Mathematicians

Ottawa Mathematics Conference, Ottawa, ON, 18–19 May 2012.

## Awards

NSERC – Undergraduate Student Research Award, 2008.

University of Waterloo President’s Scholarship, 2006.

## Languages

English (mothertongue)

French (simple words and phrases only)

## Memberships

American Statistical Association - Student member

## Computer Languages

MATLAB, Fortran 95,  $\LaTeX$ , HTML, Haskell.