

Parsa Bakhtary

- CURRENT RANK AND AFFILIATION** Assistant Professor (September 2009 - present)
Department of Mathematics and Statistics
King Fahd University of Petroleum and Minerals
- CONTACT INFORMATION** Box 1654, KFUPM
Dhahran, Saudi Arabia 31261
email: pbakhtary@kfupm.edu.sa
- CITIZENSHIP** United States of America
- RESEARCH INTERESTS** Algebraic Geometry, Toric Geometry, Vector Bundles, Non-projective Varieties
- EDUCATION** **Purdue University**, West Lafayette, Indiana, USA
Ph.D., Mathematics, May 2009
• Advisor: Jarosław Włodarczyk
- University of California, Davis**, Davis, California, USA
B.S., Mathematics, May 2001
- PUBLICATIONS** Bakhtary, P. *On the cohomology of a simple normal crossings divisor*, Journal of Algebra, vol. 324, pp. 2676-2691, 2010
- Bakhtary, P. *Splitting criteria for vector bundles on higher dimensional varieties*, to appear in the Pacific Journal of Mathematics.
- Arapura D., Bakhtary, P., Włodarczyk, J. *Bounds on the weights on the cohomology of singularities*, preprint.
- HONORS AND AWARDS** VIGRE Fellowship, 2002-2007
Purdue University Outstanding Teaching Assistant, 2006
Purdue Mathematics Excellence in Teaching Award, 2005
University of California Regents Scholarship, 1996-2000
- SELECTED EVENTS ATTENDED**
- Bluegrass Algebra Conference, University of Kentucky (March, 2009)
 - Melvin Hochster's 65th birthday conference, University of Michigan (August, 2008)
 - Robin Hartshorne's 70th birthday conference, University of Illinois, Chicago (April, 2008)
 - AIM/NSF Workshop: Rational Curves on Algebraic Varieties, AIM, Palo Alto, CA (May, 2007)
 - Spring School on Abelian Varieties, University of Utrecht, The Netherlands (May, 2006)
 - Midwest Algebra/Geometry Interactions Conference, University of Notre Dame (October, 2005)
 - AMS Algebraic Geometry Conference, University of Washington, Seattle (July, 2005)
 - Joseph Lipman's 65th birthday conference, Purdue University (May, 2004)
- INVITED TALKS**
- AMS Sectional Meeting, University of Illinois, Urbana-Champaign (March, 2009) Special Session on Algebra, Geometry, and Combinatorics "On the cohomology of a simple normal crossings divisor and its dual complex."
 - Algebra Seminar, Universidade Federal de Pernambuco, Recife, PE, Brazil (August, 2010) "On the cohomology of a simple normal crossings divisor, with applications to the resolution of singularities."