

## Awards and Honors

1. 2016 Signal Processing Society Technical Achievement Award for fundamental contributions to array processing and sparsity-based signal processing.
2. Fulbright-Nokia Distinguished Chair in Information and Communications Technologies, 2015-2016
3. Director, Center for Wireless Communications, 2008-2011
4. Ericsson endowed chair in wireless access networks since May 2008.
5. IEEE Signal Processing Society Distinguished Lecturer for the term 1 January 2014 through 31 December 2015.
6. IEEE Fellow, 2000, for the statistical analysis of subspace algorithms for harmonic retrieval.
7. 2012 Signal Processing Society (SPS) Best Paper Award for the paper An Empirical Bayesian Strategy for Solving the Simultaneous Sparse Approximation Problem, by David P. Wipf and Bhaskar D. Rao published in IEEE Transaction on Signal Processing, Volume: 55, No. 7, July 2007
8. 2008 Stephen O. Rice Prize Paper Award in the Field of Communication Systems for the paper Network Duality for Multiuser MIMO Beamforming Networks and Applications, by B. Song, R. L. Cruz and B. D. Rao that appeared in the IEEE Transactions on Communications, Vol. 55, No. 3, March 2007, pp. 618-630.  
(<http://www.comsoc.org/awards/rice.html>)
9. Best paper award at the Fall 2013, IEEE Vehicular Technology Conference for the paper Multicell Random Beamforming with CDF-based Scheduling: Exact Rate and Scaling Laws, by Yichao Huang and Bhaskar D Rao.
10. Best paper Award (one of two papers chosen) at the Speech Coding Workshop, 2000, for the paper A. D. Subramaniam and B. D. Rao, "PDF Optimized Parametric Vector Quantization of Speech Line Spectral Frequencies."
11. Best student paper award at NIPS 2006 for D. Wipf for the paper "Analysis of Empirical Bayesian Methods for Neuroelectromagnetic Source Localization," by D.P.Wipf, R.R. Ramirez, J.A. Palmer, S. Makeig, and B.D. Rao in Advances in Neural Information Processing Systems, Dec. 2006 (<http://nips.cc/ConferenceInformation/PaperAwards>)
12. Student paper award for Jun Zheng at ICASSP 2006 for the paper "Capacity analysis of multiple antenna systems with mismatched channel quantization schemes," by J. Zheng and B. D. Rao, ICASSP, Toulouse, France, May 2006.
13. Best Student Paper Award for J. McCall and D, Wipf at the IEEE International Workshop on Machine Vision for Intelligent Vehicles (MVIV'05) held In conjunction with IEEE International Conference on Computer Vision and Pattern Recognition (CVPR'05) at San Diego, CA, June 21, 2005 for the paper "Lane change intent analysis using robust operators and sparse Bayesian learning" by J. McCall, D. Wipf. M. Trivedi and B. D. Rao

14. Student paper award for Haichang Sui for the paper "RAKE Finger Placement for CDMA Downlink Equalization," by H. Sui, E. Masry and B. D. Rao at the 2005 IEEE International Conference on Acoustics, Speech, and Signal Processing, Philadelphia, PA, Mar. 19-23, 2005.
15. IBM Faculty Award, 2002
16. Member of the EURASIP Signal Processing editorial board
17. Member of the Machine Learning for Signal Processing committee of the IEEE Signal Processing Society (2012-present).
18. Member of the Signal Processing for Communications Technical committee of the IEEE Signal Processing Society (2005-2008).
19. Member of the Signal Processing Theory and Methods Technical committee of the IEEE Signal Processing Society (for six years).