Andrew Barron, http://www.stat.yale.edu/~arb4/vita.htm: Curriculum vitae

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Professor Andrew Barron is a professor of statistics at Department of Statistics, Yale University, USA. He graduated electrical engineering at Stanford University in 1982 and obtained his PhD in 1985 at the same University where he was employed as a research assistant. From 1985 to 1992 he worked at the University of Illinois, first as an assistant professor and then as an associate professor. From 1992 he is professor of statistics at Yale University. H*e was the chair of the Department of statistics f*rom *2001 until 2006. He was also a* Director of Undergraduate and Graduate Studies in Statistics in the past.

He supervised 17 PhD dissertations and has also received many honors for his scientific work. In 1991 he won the *best paper prize for all IEEE journals for authors of age under 30 and in 2005 he was awarded the Institute of Mathematical Statistics Medallion. From 2015 he is a member of the board of governors of IEEE Information theory society.*

His research interests are very broad and include statistical information theory, probability limit theorems, function estimation and neural networks. He published more than 60 papers in journals and conference proceedings. *He had invited and plenary talks at more than 70 conferences around the world and more than 80 invited presentations at universities across USA and beyond. He was an associate editor for the journals IEEE Transactions on Information Theory and Annals of Statistics.*

Selected publications:

1. A. R. Barron (1993). Universal approximation bounds for superpositions of a sigmoidal function. IEEE Transactions on Information Theory, 39(3), pp.930-944.
2. A. R. Barron, L. Birge and P. Massart (1999). Risk bounds for model selection by penalization. Probability Theory and Related Fields, 113(3), pp.301-413.
3. A. R. Barron, M. Schervish, and L. Wasserman (1999). The consistency of posterior distributions in nonparametric problems. Annals of Statistics, 27(2), pp.536-651.
4. O. Johnson and A. R. Barron (2004). Fisher Information Inequalities and the Central Limit Theorem. Probability Theory Related Fields, 129(3), pp. 391-409.
5. A. R. Barron, A. Cohen, W. Dahmen and R. DeVore (2008). Approximation and learning by greedy algorithms. Annals of Statistics, 36(1), pp. 64-94.
6. Jakobek., L., Barron, A.R. (2016). Ancient apple varieties from Croatia as a source of bioactive polyphenolic compounds. Journal of Food Composition and Analysis, 45, pp. 9-15.

7. Jakobek, L., Boc, M., Barron, R.A. (2015). Optimization of ultrasonic-assisted extraction of phenolic compounds from apples. Food Analytical Methods, 8, pp. 2612-2625.

Full list of publications is available at http://www.stat.yale.edu/~arb4/vita.htm