

BIOGRAPHICAL SKETCH

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NAME Zurek, Patrick M.		POSITION TITLE President	
eRA COMMONS USER NAME (credential, e.g., agency login) PATZUREK			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
Purdue University, West Lafayette, IN	B.S.	06/71	Psychology
Arizona State University	Ph.D.	08/76	Experimental Psychology

Positions and Honors

Positions and Employment

1976-81 Research Associate, Central Institute for the Deaf, and Assistant Professor, Department of Speech and Hearing, Washington University, St. Louis, Missouri.
1981-82 Visiting Scientist, Research Laboratory of Electronics, Massachusetts Institute of Technology.
1982-89 Research Scientist, Research Laboratory of Electronics, M.I.T.
1989- Principal Research Scientist, Research Laboratory of Electronics, M.I.T. (part-time 1993-1999)
1993-98 Principal Research Scientist, Sensimetrics Corporation (part-time).
1999- President, Sensimetrics Corporation.

Member of the American Auditory Society, the Audio Engineering Society, the National Hearing Conservation Association, and Fellow of the Acoustical Society of America.

C. Selected Peer-Reviewed Publications

Zurek, P.M., and Delhorne, L.D. (1987). "Consonant reception in noise by listeners with mild and moderate sensorineural hearing impairment," JASA 82, 1548-1559.
Greenberg, J.E. and Zurek, P.M. (1992). "Evaluation of an adaptive beamforming method for hearing aids," JASA 91, 1662-1676.
Maxwell, J.A. and Zurek, P.M. (1995). "Feedback reduction in hearing aids," IEEE Trans. Speech and Audio Proc. 3, 304-313.
Duchnowski, P. and Zurek, P.M. (1995). "Villchur revisited: Another look at AGC simulation of recruiting hearing loss," JASA 98, 3170-3181.
Desloge, J.G., Rabinowitz, W.M. and Zurek, P.M. (1997). "Microphone-array hearing aids with binaural output. I. Fixed-processing systems," IEEE Trans. Speech and Audio Proc. 5, 529-542.
Welker, D.P., Greenberg, J.E., Desloge, J.G., and Zurek, P.M. (1997). "Microphone-array hearing aids with binaural output. II. A two-microphone adaptive system," IEEE Trans. Speech and Audio Proc. 5, 543-551.
Greenberg, J.E., Zurek, P.M., and Brantley, M. (2000). "Evaluation of feedback-reduction algorithms for hearing aids," JASA 108, 2366-2376.
Greenberg, J.E., Desloge, J.G., and Zurek, P.M. (2003). "Evaluation of array-processing algorithms for a headband hearing aid," JASA 113, 1648-1657.
Zurek, P.M., Freyman, R.L., and Balakrishnan, U. (2004). "Auditory target detection in reverberation," JASA 115, 1609-1620.
Reed, C.M., Braida, L.D., and Zurek, P.M. (2009). "Review of the literature on temporal resolution in listeners with cochlear hearing impairment: A critical assessment of the role of suprathreshold deficits," Trends in Amplification Vol. 13, No. 1, 4-43.