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Assistant Professor, Neuroscience Center and Otorhinolaryngology Dept., 1996-2004

Associate Professor, Neuroscience Center and Otorhinolaryngology Dept., 2004-2006

LSU Neuroscience Center of Excellence

Current Position:

Associate Professor

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Selected Publications while at LSU Neuroscience Center of Excellence:

Ricci AJ, Crawford AC, Fettiplace R. Active hair bundle motion linked to fast transducer adaptation in auditory hair cells. *J Neurosci.* 2000;20:7131-7142.

Fettiplace R, **Ricci AJ**, Hackney CM. Clues to the cochlear amplifier from the turtle ear. *Trends Neurosci.* 2001;24:169-175. Review.

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Fettiplace R, **Ricci AJ**. Adaptation in auditory hair cells. *Curr Opin Neurobiol.* 2003;13:446-451. Review.

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Rennie KJ, Manning KC, **Ricci AJ**. Mechano-electrical transduction in the turtle utricle. *Biomed Sci Instrum.* 2004;40:441-446.

Farris HE, LeBlanc CL, Goswami J, **Ricci AJ**. Probing the pore of the auditory hair cell mechanotransducer channel in turtle. *J Physiol.* 2004;558:769-792.

Farris HE, **Ricci AJ**. Voltage-clamp errors cause anomalous interaction between independent ion channels. *Neuroreport.* 2005;16:943-947.

Waguespack JR, **Ricci AJ**. Aminoglycoside ototoxicity: permeant drugs cause permanent hair cell loss. *J Physiol.* 2005;567:359-360.

Schnee ME, Lawton DM, Furness DN, Benke TA, **Ricci AJ**. Auditory hair cell-afferent fiber synapses are specialized to operate at their best frequencies. *Neuron.* 2005;47:243-254.

Ricci AJ, Kennedy HJ, Crawford AC, Fettiplace R. The transduction channel filter in auditory hair cells.

J Neurosci. 2005;25:7831-7839.

Ricci AJ, Kachar B, Gale J, Van Netten SM. Mechano-electrical transduction: new insights into old ideas. J Membr Biol. 2006;209:71-88.

Farris HE, Wells GB, **Ricci AJ**. Steady-state adaptation of mechanotransduction modulates the resting potential of auditory hair cells, providing an assay for endolymph $[Ca^{2+}]$. J Neurosci. 2006;26:12526-12536