

REBECCA ROTH

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EDUCATION

University of Illinois at Chicago College of Medicine Chicago, IL.
MD Candidate May 2005.

Brown University Providence, RI

Masters of Science in Biomedical Engineering. May 2000.
Bachelors of Arts in Engineering. May 1998.

HONORS/AWARDS

Medical School **Dr. C.M. Craig Summer Research Fellow**, UIC College of Medicine, 2003.
McDonnell-Pew Centre for Cognitive Neuroscience Scholar, Oxford University, 2001.

Undergraduate

National Aeronautic Space Administration Grant Fellow, 1999.
Weston Award for Performing Arts in Vocal Music, 1998.
Varsity Letterman in Softball. Women's Class of 1926 Scholarship.

RESEARCH

Publications

Moore DR, Roth R, and King AJ. **Hearing: Cortical Activation Does Matter.**
Current Biology. 2001; 11: R782-R784.
Groothuis DR, Roth R et al. **Comparison of Cytosine Arabinoside Delivery to Rat Brain by Intravenous, Intrathecal, Intraventricular and Intraparenchymal Routes of Administration.** *Brain Res*. Feb. 21, 2000; 856 (21-2): 281-290.
Levy RM and Roth, R. **HIV-1 Related Neurological Disorders: Neurosurgical Implications.** In Neuroimaging Clin of No Amer, MJ Donovan Post, ed. Aug 1997.

Abstracts

Cundiff J, Djalilian H, Kumar N, Roth R and Herrera RH. **Analysis and Expression of Connexin 26 Mutations.** AAO HNSF- Annual Mtg. September, 2004.
Roth R, Art JJ. **Transcytosis of Calcium Along Auditory Hair Cells.** UIC College of Medicine Student Research Forum. December 2003.
Benalcazar HE, Roth. **Long Term Convection Enhanced Delivery to Canine Brain.** Philadelphia Neurosurgeons Conference. Spring 1998.
Tong DC, Roth R et al. **Neurotoxicity of Cytosine Arabinoside in Sprague-Dawley Rats.** Northwestern University Medical Student Research Forum. Winter 1996.

In Progress

Roth R, Wiet R. **Porencephaly presenting with CSF otorrhea in a 73 year old female.** *Neurology* 2005.
Roth R, Young NM, Mafee M. **Predicting the Occurrence of CSF Gushers in Cochlear Implant Surgery using CT Imaging.** Children's Memorial Hospital. 2003-2004.
Moore DR, Roth R. **The characterization of sound localization and noise masking in ferrets.** Oxford University. 2001.

ACTIVITIES

Essentials of Clinical Medicine Tutor 2004-2005.
Student Run Free Clinic, Volunteer. 2003-2004.
Deaf Healthcare Fair, Volunteer. Mt. Sinai Hospital. Chicago, IL. 2003.
Northwestern University Summer Concert Choir. 2002.
New Beginnings Homeless Shelter Health Outreach. Coordinator. 2000-2001.