

Knowles Hearing Center  
Northwestern University

*Contemporary Hearing Science Inspired by David M. Green*

Thursday July 25

- 8:45 am      *Introduction*  
Beverly Wright; Northwestern University
- 9:00 am      *Signal Detection Theory and Psychophysics in the Real World*  
Lawrence L. Feth; Ohio State University
- 9:30 am      *Study of auditory attention in a signal detection task through selection of stimulus cues that best ameliorate the effects of signal uncertainty*  
Ervin R. Hafter; University of California, Berkeley
- 10:00 am     *Going Green? Overview of the linear-systems extension of auditory profile analysis using maximum-density carriers.*  
David A. Eddins; University of South Florida
- 10:30 am     *Signal Detection Theory and the Inverse Problem in Audition*  
Robert A. Lutfi; University of South Florida
- 11:00 am     *Adaptive Plasticity of Loudness: Evidence and Clinical Relevance*  
Craig Formby; University of Alabama
- 11:30 pm     Message from Dave Green  
David M. Green
- 12:00 pm     **BREAK FOR LUNCH**
- 1:30-3:00    **POSTER PRESENTATIONS**
- 3:00 pm      *Binaural and Monaural Edge Pitch*  
William M. Hartmann; Michigan State University
- 3:30 pm      *From the Ear to the Brain – From Dave Green to Cochlear Implants*  
Robert V Shannon; University of Southern California
- 4:00 pm      *Changing the Channel*  
Beth Strickland; Purdue University
- 4:30 pm      *Auditory Perceptual Learning*  
Bev Wright; Northwestern University
- 5:00 pm      *A dual-channel, spectrotemporal model of pure-tone frequency discrimination*  
Huanping Dai; University of Arizona

## Friday July 26

- 9:00 am *Contributions of Specific Frequency Bands to the Loudness of Broadband Sounds*  
Walt Jesteadt; Boystown National Research Hospital
- 9:30 am *Evidence of possible contribution of cochlear mechanics to auditory perception from studies of otoacoustic emissions*  
Jungmee Lee; University of South Florida
- 10:00 am *From profile analysis to the cocktail party problem: methods and insights inspired by signal detection theory*  
Gerald Kidd, Jr.; Boston University
- 10:30 am *Projects with David*  
Dennis McFadden; University of Texas-Austin
- 11:00 am *Signal Detection Theory in Perception and Physiology: Good for What Ails You*  
John C. Middlebrooks; University of California, Irvine - School of Medicine
- 11:30 am *Sound Localization of Rifle Shots*  
Dennis McFadden on behalf of Dave Green
- 12:00 pm **BREAK FOR LUNCH**
- 1:30-3:00 pm **POSTER PRESENTATIONS**
- 3:00 am *Combining cross-correlation and signal-detection theory approaches to account for the binaural abilities of normal-hearing listeners and listeners with "slight" hearing loss*  
Les Bernstein; University of Connecticut
- 3:30 pm *Sensitivity to envelope coherence, revisited*  
Brian C. J. Moore, University of Cambridge, England
- 4:00 pm *Sound Source Localization Under Real-World Conditions: Multiple and Moving Sound Sources and Moving Listeners*  
William A. Yost; Arizona State University
- 4:30 pm *The Wald sequential test as a statistical criterion for the signal level change in adaptive staircase up-down procedures*  
Jan Zera; Warsaw University of Technology, Poland
- 5:00 pm *Transition Bandwidths and the Cadence Model*  
Bruce G. Berg; University of California, Irvine