

BIO342 Animal Behavior Seminar Report #1
Seminar: Friday October 10th 4:10 PM in B19

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"Spatial Hearing in Cluttered Acoustical Environments"

If you are going to attend the seminar, you should read his research paper (Baxter, et al 2013). After the seminar, you will receive credit for attending by writing a brief, ½ page summary of the seminar.

In your seminar write up:

- 1) What was the main concept in this seminar?
- 2) Can you sketch a rough schematic of the neural circuit for sound localization.
- 3) How is it novel or different than our past understanding of acoustic localization.
- 4) In your own words, explain how this concept is relevant to Animal Behavior.

Available on the course website:

Baxter et al (2013) "The role of envelope shape in the localization of multiple sound sources and echoes in the barn owl" J Neurophysiol 109: 924 -931.