

AUDITORY PERCEPTION AND PROCESSING LAB

<http://louisville.edu/psychology/stilp/lab/>

Diversity statement: We value the diverse experiences and backgrounds of all students at the University of Louisville, and we are committed to making an inclusive lab experience for all members. We especially encourage undergraduates from historically underrepresented or marginalized groups to apply.

Professor: Dr. Christian Stilp

Type of position (e.g., volunteer, course credit, paid, Federal Work Study): Research assistantship for course credit (PSYC491). Pending satisfactory completion of PSYC491, future opportunities to matriculate into advanced lab courses [PSYC492 CUE, PSYC495/496 honors thesis] are available.

Time commitment (include # of semesters or summer, details about scheduling e.g., must be available at specific times for lab meetings): 10 hours/week that are flexibly scheduled, minimum of 2 consecutive semesters

Semesters position is available (e.g., spring, summer, fall): Ongoing (fall and spring semesters)

Location of work (note if different during COVID-19 pandemic): 301i Life Sciences. Some lab work can be conducted remotely and is assigned on an as-needed basis.

Requirements (GPA, course work, experience): GPA of 2.75 or higher

Brief description of project: We conduct behavioral experiments that measure perception of speech and other sounds. The primary projects explore how perception of a given sound is influenced by the acoustic properties of surrounding sounds, both for perception of speech and music. We are investigating these effects in healthy hearing and aim to understand how perception is similar or different for people who use hearing aids or cochlear implants to hear.

Specific tasks (i.e., what student will do *note if different during COVID-19 pandemic): Tasks during COVID-19: attend online lab meetings, read scientific papers, conduct stimulus analyses, administrative duties. Computer programming opportunities are available (MATLAB, R, Praat). Once COVID-19 restrictions are lifted: the above tasks plus run participants in experiments.

How to apply: Email Dr. Stilp the following

- Year in college, major, and GPA
- Very brief description of past research experience (if any)
- Very brief statement of career goals (if known)
- Very brief explanation of why you are interested in joining the Auditory Perception and Processing Lab

Contact: Dr. Christian Stilp at christian.stilp@louisville.edu