



WICHITA STATE
UNIVERSITY
REGIONAL INSTITUTE ON AGING



Effect of peripheral attention, crowding on fixational eye movements

- People with central vision loss rely on their peripheral (side) vision to do day-to-day activities such as reading, and recognizing faces. One of the main reasons for reduced function of the peripheral vision is visual crowding, the inability of the eye to recognize a target object if presented in clutter.
- **Aim:** To understand how tiny eye movements explain the phenomenon of visual crowding.
- **Why Participate?** To help vision scientists better understand the central visual impairment, that is pivotal for devising rehabilitation strategies in the future.
- **Who can Participate?** If you have some form of 'Macular degeneration' in both eyes and a distance vision that is better than 20/400 in your better seeing eye. Or, if you have a typical vision (20/20) in both eyes with or without glasses.
- **What to Expect and How Long?** Recording of eye movements, and assessing the functioning of your eyes. A single study visit, approximately 2 hrs. long, including rest breaks.
- **Compensation:** \$25 VISA gift card towards your time.

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