

Sperling, G., and Shih, S. (1997). Measuring and modeling selective attention in early visual processing. *Abstracts of the Psychonomic Society*, 2, 18.

Measuring and Modeling Selective Attention in Early Visual Processing. GEORGE SPERLING, *University of California, Irvine*, & SHUI-I SHIH, *University of Southampton-Tonal* cues are used in partial report paradigms to indicate a row to be reported in a brief visual display. The same cue can be used in RSVP attention-gating paradigms to measure the dynamics of attention shifts. A combined procedure yields a measure of attention-shift dynamics which in turn provides attention-independent estimates of the decay of memory in partial report experiments, and thereby a unified model for partial report, whole report, and RSVP attention-gating paradigms.