217. A method for assessing user responses to a stimulus based on blink inhibition, comprising the steps of:

receiving blink data indicative of a user's blink responses to a stimulus;

identifying, via software executing on a processor, a pattern of blink inhibition in the blink data;

retrieving, via software executing on the processor, a control pattern of blink inhibition for the stimulus from a database, wherein the control pattern corresponds to a predefined user category; and

comparing, via software executing on the processor, the pattern of blink inhibition in the blink data with the control pattern of blink inhibition to determine whether the user falls within the predefined user category.

218. The method of claim 217, wherein the blink data is received via the use of an eye monitoring device.

219. The method of claim 217 or 218, wherein the stimulus comprises one or more of the following: a dynamic stimulus, a dynamic visual stimulus, a pre-recorded visual stimulus, a prerecorded audio stimulus, a pre-recorded audiovisual stimulus, a live visual stimulus, a live audio stimulus, a live audiovisual stimulus, a two-dimensional stimulus, or a three-dimensional stimulus.

220. The method of claim 217, wherein the stimulus is an auditory stimulus.

221. The method of claim 217, wherein the stimulus is a dynamic visual stimulus.

generating, via software executing on the processor, a display of the plurality of fixation locations at one or more time points corresponding to the one or more differences between the received blink data and the control blink data.

259. The method of claim 258, wherein the display of the plurality of fixation locations comprises a three-dimensional display, wherein two of the dimensions correspond to the plurality of fixation locations for each of the plurality of individuals and one of the dimensions corresponds to time.

260. The method of claim 258 or 259, wherein the plurality of fixation locations correspond to each of the plurality of individual's eye fixation locations with respect to one or more frames of the stimulus.

261. The method of claim 258 or 259, wherein the plurality of fixation locations correspond to point-of-gaze coordinate data for each of the plurality of individuals with respect to the stimulus.

262. The method of any of claims 258-261, wherein the display of the plurality of fixation locations comprises a three-dimensional scanpath.

263. The method of claim ~~212~~262, further comprising the step of displaying an attentional funnel around the three-dimensional scanpath.

264. The method of any of claims 258-263, wherein the step of synchronizing comprises time-locking or time-correlating the plurality of fixation locations to the received blink data.