

## **THE COLOR VISION ASSESSMENT CLINIC**

Do you need to get an impartial diagnosis of your color vision for your current or potential employment? Or, are you simply curious about your own or your child's color vision? Accurate diagnosis and evaluation of color vision capacities can be of great importance in many occupations and situations. We are currently offering to the public an opportunity to receive an in-depth, thorough evaluation of your or your child's color vision by an experienced color vision scientist at the Color Vision Assessment Clinic at the University of Nevada, Reno. At the Color Vision Assessment Clinic people of all ages can obtain accurate diagnosis and complete evaluation of color vision capacities for a nominal sliding fee (currently a maximum of \$ 50). Fees are waived for students and employees of the University of Nevada. All of the Clinic's proceeds are allocated to help offset travel costs for graduate students at the University of Nevada.

If you or someone you know would like to learn more about color vision testing contact: **Dr. Michael Crognale at the Color Vision Assessment Clinic (775) 682-8690 or 682-8668 or by e-mail: mikro@unr.edu.**

### **“Color Blindness”**

The most common forms of color vision deficiencies are inherited and often referred to as “red-green color blindness”. Most effected individuals are male (about 6-8% of the Caucasian population) and many are only slightly color deficient. Often mild color vision deficiencies go undetected and in the case of young school children can be confused with slow learning, carelessness, or inattention. There are also less common forms of inherited color vision deficiencies, some of which are much more severe. Importantly, changes in color vision can sometimes be an early sign of nerve damage in many diseases such as diabetes.

### **Employment and Color Vision Deficiencies**

A high level of color discrimination can be critical to properly execute tasks in certain occupations (e.g. police/sheriffs, security guards, pilots, air traffic controllers, transportation employees such as drivers and railroad engineers, electricians, and often expert witnesses or eyewitnesses in the courts). Consequently, personnel departments

in many occupations screen out those individuals suspected of being color deficient, usually based on hastily administered tests or questionnaires. A failure or inaccuracy in diagnosis can have a profound effect on someone's life. At the Color Vision Assessment Clinic we can administer a large battery of tests that include those required for FAA airman's certificates and specialized employment positions.

\*\*Note: If you are a pilot, also check out this informative site: <http://www.leftseat.com> for information on FAA requirements for color vision and general medical questions.

**Some of Our Tests:**

- \* Ishihara Plates (38 plate version)
- \* FM-100
- \* D-15
- \* Anomaloscope (Color match)
- \* Cambridge Colour Test
- \* Farnsworth Lantern Test
- \* Neitz' Screening Test
- \* Visual Evoked Potential
- \* Electroretinography
- \* Dvorine Color Plates (2nd edition)

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