

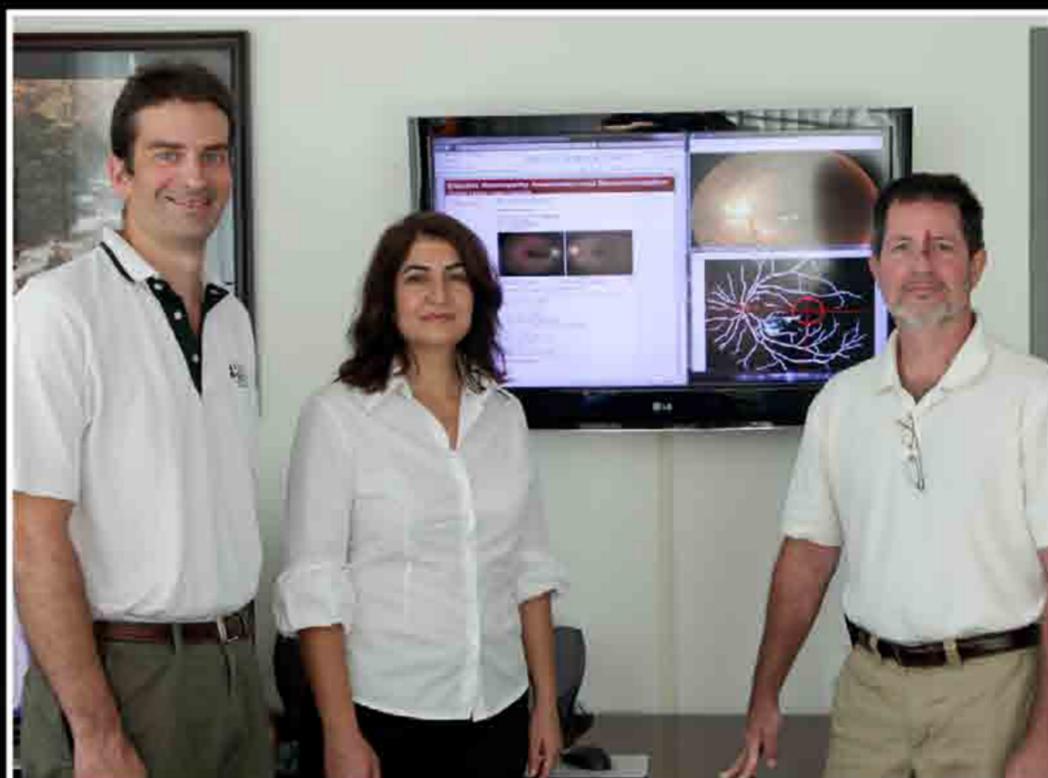
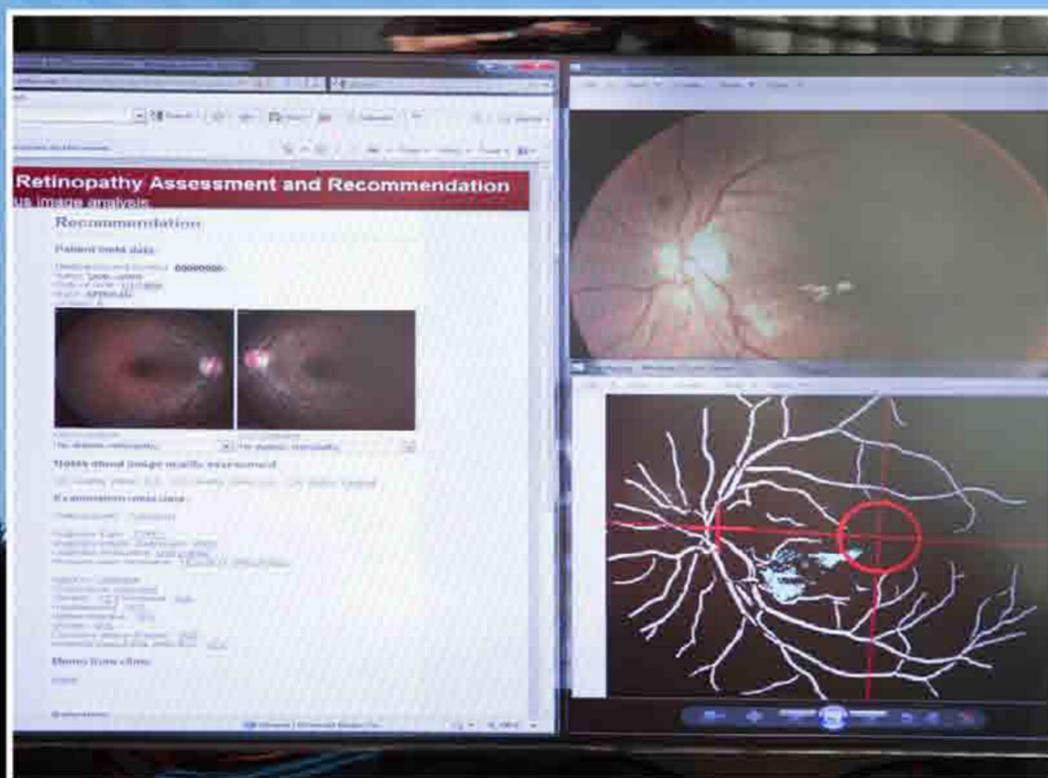
# R&D 100 Award Winner

## Telemedical Retinal Image Analysis and Diagnosis (TRIAD)

A Web-based telemedical diagnostic system designed to conduct automated eye screenings of large patient populations for blinding diseases such as diabetic retinopathy in a primary health care setting.

Developed and jointly submitted by Oak Ridge National Laboratory, Automated Medical Diagnostics and the University of Tennessee Health Science Center.

Sponsored by Oak Ridge National Laboratory, the Plough Foundation, Research to Prevent Blindness, the U.S. Health Resource Services Administration and a National Institutes of Health - National Eye Institute grant.



Recipients from left to right: Thomas Karnowski, Luca Giancardo, and Kenneth Tobin. Not pictured: Deniz Aykac and Priya Govindasamy. The team from UTHSC consisted of Edward Chaum and Yaqin Lee.