During its almost fifty years, the Children’s Eye Foundation has granted over $1 million in support of research to advance the understanding of, and care for, children with eye and visual system disorders and for adults with strabismus.

Here is a list of projects CEF has funded:

**Frederick J Elsas MD**  
*Study of the Velocity of Saccadic Eye Movements in the Vertical and Oblique Fields*

**David S Friendly MD**  
*Pre-School Vision Testing*

**Everett A Moody MD**  
*Comparison of the STYCAR with the E game, Picture Symbols and Titmus Screener*

**John S Crawford MD**  
*Assessment of Optical Iridectomy in Incomplete Congenital Cataract*

**Florencio Ching MD**  
*Practical Management of Amblyopia*

**Katherine M Detre MD**  
*Pattern of Traumatic Ocular Injuries in Children*

**William E Scott MD**  
*The efficacy of Orthoptic Therapy*

**Thomas F Patton PhD**  
*Investigation of Dosage Requirements for Topically Applied Ophthalmic Drugs in Infants and Children*

**Alan B Scott MD**  
*A Clinical Pediatric Suction Cup Force Gauge*
Ann B Barnet MD  
**Visual Evoked Potentials in Children with Visual Disorders**

Brian H Tsou PhD  
**Retinal Functions in Cone Degenerations**

Anne B Fulton MD  
**Screening of Visual Resolution in Infants: Clinical Application**

Maynard B Wheeler MD  
**Developmental Evaluation in Congenital Esotropia**

Lawrence T Glickman, VMD, DrPH  
**Ocular Toxocariasis**

Thomas France MD  
**The efficacy of amblyopia treatment device (CAM Stimulator)**

Velma Dobson PhD  
**Technique of Screening Visual Resolution in 6-Month to 3-Year Old Children**

Lloyd M Wilcox MD  
**Long Term Effects of Strabismus Procedures on Anterior segment Physiology**

Richard M Robb MD  
**Anatomical Study of Human Retinal Development**

Henry S Metz MD  
**Quantitative Measurements of Ocular Motility for Strabismus Management**

Creig S Hoyt MD  
**Hand held Cinematic VEP Stimulator with Portable Averager for Premature Infant VEP Testing**
J. Allen Gammon MD
Pediatric Contact Lens Lab

S. Hutson Hay, MD
Generated Retinal Reflex Photometry in the Determination of Amblyopic and Pre-amblyopic States in Small Children

Elizabeth M Hatfield MPH
The Evaluation of Vision Screening Tests and Procedures for Preschool and School Age Children

Diane L Bloom MD
The Effects of Congenital Strabismus on Maternal Perceptions, Attitudes and Behaviors

Anne B Fulton MD
Dark Adaption in Infants and Young Children

Penny Glass MD
The Effect of Continuous Illumination in the Intensive Care Nursery on the Developing Visual System of the Preterm Infant

Lawrence Leguire PhD
A Test for Steropsis in Infants

Steven S. Searl MD
Prevention of Post-Operative Adhesions by Use of a Biologic Sleeve

Anne B Fulton MD
Retinal Sensitivity and Adaptation in Young Pediatric Patients

J. Allen Gammon MD
A Primate Animal Model for Amblyopia Research

Lois EH Smith MD
Biochemical Studies of Retinal Degeneration
Robert C Arffa MD
Epikeratophakia for the Correction of Aphakia in Infant Monkeys

David S Friendly MD
Correlation Between Clinically Determined Visual Acuities and VEP Determined Acuities in Amblyopic Children

Penny Glass MA
The Effect of Bright Illumination in the Hospital Nursery on the Incidence and Squelae of ROP

Paul A Knepper MD, PhD
Biochemical Studies on the Etiology of Congential Glaucoma

Lawrence Tychsen MD
Impaired Pursuit in Infantile Strabismus: A Kinetic Predictor for Strabismus Surgery

Randy J Epstein MD
Extended Wear Contact Lens Correction of Aphakia in Infant Primates: Corneal Studies

John T Flynn MD
Classification of Confernece: Cicatricial ROP

Anne B Fulton MD
Visual Latencies in Amblyopic Children

Kurt Simons MD
A Screening Study of Esotropia and Amblyopia Precursors

Stephen A Mathia MD
The Effect of Botulinum Toxin on Extraocular Muscle Fibers

Maria A Musarella MD
Mapping of X-linked Ocular Anomalies Using Routine Pupil Dilation
Joseph L Demer, MD, PhD
*Cerebral Blood Flow and Metabolism in Ocular Motor and Visual Disorders*

Randy J Epstein MD
*Immunologically Mediated Corneal Neovascularization: Pathogenesis and Inhibition*

Kevin M. Miller, MD
*An Objective Test for Measurement of Recognition - Equivalent Visual Acuity in Infants Using Vanishing Optotypes*

Johnathan C Horton MD, PhD
*The Effect of Monocular Visual Acuity in Primate Visual Cortex*

Paul A Knepper MD, PhD
*Biochemical Studies of Congenital Glaucoma*

Derek T Sprunger MD
*Prism Adaptation in Normosensoric Strabismus*

Stephen Christiansen MD
*The Morphometric Effects of Strabismus Surgery on Extraocular Muscle*

Jan Tjeerd DeFaber MD
*Motor Anomalies in the Dominant Eye in Strabismus Vs. Non-Strabismic Amblyopes*

Susan HN Day MD
*Plasticity of Motion Processing Following Treatment for Accommodative Esotropia*

Steven A Gross MD
*Reading Speed and Effects on Nystagmus Waveforms in Large Horizontal Eye Muscle Recessions for Congenital Nystagmus*

Paul A Knepper MD, PhD
*Morphological Studies in the Cause of Congenital Gluacoma*
Kenneth W Wright MD
Neural Processing in Amblyopia

Eileen E Birch PhD
Vernier Acuity of Children Treated for Congenital Unilateral Cataract

Jeffrey N Bloom MD
A Magnetic Resonance Imaging Study of Ocular Motility

David G Hunter, MD, PhD
Measurement of Ocular Deviations and Head Turns with Enhanced Gyroscope Deviometer

T. Otis Paul MD
Hereditary Strabismus Syndromes

Mary Beth Esswein MD
Pursuit and OKN Asymmetry in Patients with Loss of Normal Binocularity in Infancy and in Non-Strabismic First Degree Relatives of Patients with Infantile Esotopia

Lawrence E Leguire, PhD
Levodopa-Carbidopa Treatment of Childhood Amblyopia

Patrick Y Tong MD, PhD
Amblyopia 2020-Photorefraction: A Method of Vision Screening in Preverbal Children

Patrick Y Tong, MD, PhD
Continuation of “Amblyopia 2020-Photorefraction: A Method of Vision Screening in Preverbal Children.”

Libe Gradstein MD
The Influence of Levodopa on Visual and Neurological Functions of Children
Steven E Brooks MD
The Effects of Oxidative Stress on Mitogenic Signal Transduction in Microvascular Endothelial Cells

Scott Olitsky MD
Needle Sterility During Strabismus Surgery, The Retina Foundation Amblyopia Detection Pilot Project in Dallas of the Southwest

Arman K Fard MD
Genetic and Molecular Study of Congenital Posterior Sub-Capsular Cataract

Malcom R Ing MD
Alternate Occlusion Treatment Trial

Elia Duh MD
Gene Expression Changes in Retinopathy of Prematurity

Lan Tuyet Nguyen MD
Study to Evaluate the Safety and Effectiveness of Endoscopic Cyclophotocoagulation (ECP) in Refractory Pediatric Glaucoma

Mark Bane PhD
Early Childhood Vision Screening and Demonstration Project

Mark Bane PhD
Continuation of work of previous year and “See by Three Project in Abilene, TX.”

David Morrison MD
The Effects of Insulin-like Growth Factor (IGF) and Oxygen on Vascular endothelial Growth Factor (VEGF) release in cultural Muller cells

Scott E Olitsky MD
MEG Studies of the Effect of Amblyopic Treatment