



Illinois Society for the Prevention of Blindness

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EyeHealthIllinois.org

August 26, 2011

Charles S. Bouchard, M.D.
Loyola University Medical Center
2160 S. First Avenue
Maywood, IL 60153

Dear ISPB Board Member:

The 2011 Research Committee has completed its work. Once again we were impressed with the caliber of applicants and the innovative research conducted in Illinois.

This year's committee included Drs. Azar, Bouchard, Dray, Crumbliss, and Morimoto from the board as well as Dr. Nicholas Volpe, Chair of Ophthalmology at Northwestern University. I want to thank the entire committee for their commitment of time and expertise. Through their thoughtful deliberation we have awarded \$40,000 to the following academic institutions.

Hines VA Hospital - Principal Investigator: Yonggang Pang, M.D., PhD.
TISSUE ENGINEERING CORNEA STROMA BY COMPUTER CONTROLLED COLLAGEN
STRETCHING – Awarded \$3,200

Hines VA Hospital - Principal Investigator: Evan Bradford Price, M.D.
ACTIVATED OMENTAL CELL TRANSPLANTATION IN LIGHT-INDUCED RETINAL INJURY
Awarded \$3,200

Loyola University Chicago - Principal Investigator: Sara Duke, M.D.
USE OF THE OMENTUM IN ENGINEERING IN VIVO LEVATOR PALPEBRAE SUPERIORIS:
FEASIBILITY AND POTENTIAL USES – Awarded \$3,200

Loyola University Chicago - Principal Investigator: Bruce I. Gaynes, O.D., PharmD.
BIOAVAILABILITY OF KETOROLAC TROMETHAMINE 0.5% SOLUTION AMONG DIABETIC
PATIENTS UNDERGOING CATARACT SURGERY. A RANDOMIZED CLINICAL TRIAL OF
DIFFERING DROPS SIZE ON TREATMENT OUTCOMES – Awarded \$3,200

Loyola University Chicago - Principal Investigator: Pooja Jamnadas, M.D.
A PROSPECTIVE STUDY EXAMINING CONTACT LENS WEAR, REFRACTIVE ERROR, AND
OPTICAL COHERENCE TOMOGRAPHY RETINAL FIBER NERVE LAYER MEASUREMENTS
Awarded \$1,420

Loyola University Chicago - Principal Investigator: Samir Vira, M.D.
SECRETED FRIZZLED-RELATED PROTEIN-1 EXPRESSION IN KERATOCONUS – Awarded
\$3,200

Loyola University Chicago - Principal Investigator: Daniel Watson, B.S.
CORRELATION OF CPAP AND BiPAP USE WITH INTRAOCULAR PRESSURE IN PATIENTS
WITH SLEEP APNEA AND GLAUCOMA – Awarded \$1,635

Rush University Medical Center - Principal Investigator: Kristin Joan Al-Ghoul, PhD.
INFLAMMATORY MEDIATORS IN DIABETIC CATARACT FORMATION – Awarded \$ 3,200

University of Chicago - Principal Investigator: Jacqueline Poston, BS
MECHANISMS OF BONE MARROW STEM CELL-MEDIATED NEUROPROTECTION IN THE
RETINA IN RATS – Awarded \$3,200

University of Illinois at Chicago - Principal Investigator: Mark Krakauer, M.D.,
EYELID CONTOUR EVALUATION WITH DIGITAL IMAGING BEFORE AND AFTER
MULLER'S MUSCLE-CONJUNCTIVAL RESECTION FOR PTOSIS REPAIR – Awarded \$2,145

University of Illinois at Chicago - Principal Investigator: Joshua H. Hou, M.D.
QUANTIFICATION OF ADRENERGIC RECEPTOR SUBTYPES IN HUMAN MULLER MUSCLE
AND CORRELATION WITH PHENYLEPHRINE TESTING IN THE EVALUATION OF
BLEPHAROPTOSIS – Awarded \$3,200

University of Illinois at Chicago - Principal Investigator: Jennifer Hu, M.D.
EFFECT OF HEMODIALYSIS ON INTRAOCULAR PRESSURE AND OCULAR PERFUSION
PRESSURE – Awarded \$4,000

University of Illinois at Chicago - Principal Investigator: Renu Jivrajka, M.D.
EARLY DETECTION OF FUNCTIONAL CHANGES USING MICROPERIMETRY ON
PATIENTS WITH SUBCLINICAL PLAQUENIL TOXICITY – Awarded \$2,600

University of Illinois at Chicago - Principal Investigator: Erica Zerfoss Oltra, M.D.
CORRELATION OF NEUROCOGNITIVE FUNCTION WITH FOCAL MACULAR THINNING IN
SICKLE CELL DISEASE – Awarded \$2,600

As you may recall, we offered a second round of grants to optometric residents at a maximum of \$1,000. We chose not to fund the single applicant and will reassess the future of this grant process.

Again, let me express my appreciation to the 2011 Research Committee for the positive impact they have made in eye care and vision health.

Sincerely,



Peter J. Panton, M.D.
ISPB Research Committee Chair