



# FIGHT FOR SIGHT 2014 ANNUAL REPORT

Investing in Eye and Vision Research since 1946  
fightforsight.org



## Mentor

noun [C] US / men-t r, -t r/  
an experienced and trusted person who gives another person advice and help, esp. related to work or school, over a period of time mentoring.

(Definition of mentor from the  
Cambridge Academic Content Dictionary  
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**MENTORING &  
PHILANTHROPY**



Norman J. Kleiman, PhD,  
President of the Board (left),  
and Arthur Makar, Executive  
Director (right)

## Dear Supporters, Alumni, Mentors and Friends,

We are pleased to share *Fight for Sight's* 2014 Annual Report with you.

A mentor is defined as an experienced and trusted person who gives another person advice and help especially related to work or school. In 2014, *Fight for Sight* funded thirty-nine promising eye and vision researchers. By doing so, we are not only furthering eye and vision research, but also providing mentoring opportunities between our grantees and experienced scientists and clinicians. Throughout this annual report, you will hear from past grantees about their mentors and from mentors about the students and junior colleagues to whom they provided invaluable guidance and counsel.

We are proud of our alumni. Their career success underscores the wisdom of our Scientific Review Committee, who selected them. I'd like to bring two of many distinguished alumni to your attention and highlight significant recognition they received this past year:

- Anthony Adamis, MD, a 1995 Grant-in-Aid winner, was part of a research team receiving the 2014 Champalimaud Award, the world's largest prize for eye and vision research.
- Vinit B. Majahan, MD, PhD, a 2011 Grant-in-Aid recipient at the University of Iowa, was featured in the September 8, 2014 issue of *People* magazine. The article focused on his research identifying a specific genetic defect that caused blinding retinal disease in seven generations of an Iowa family.

Over the past two decades, Dr. Adamis has continued his relationship with *Fight for Sight*, mentoring successful awardees, most recently students from Stanford University and the Massachusetts Eye and Ear Infirmary. In this way, he ensures that succeeding generations of researchers will continue to play a crucial role in eye research.

We are dependent on the generosity of our donors, some of whom are past grant recipients. During 2014, we received a \$75,000 contribution from one of our very early grantees, who requested anonymity. Recognizing the critical role of our Summer Student Fellowships, which serve as an introduction to eye and vision research for many medical, graduate and undergraduate students, he restricted his donation to this particular program – one with a significant mentoring component.

We continued our special event fund-raising with **Lights-On**, honoring Barrett Katz, MD, MBA, who holds the Frances De Jur Chair in Ophthalmology at the Albert Einstein College of Medicine/Montefiore Medical Center, with our Physician Scientist Award. Thomas Meehan, librettist for the Broadway megahits *Annie* and *The Producers*, was similarly honored with a FFS Special Star Award, and John LaSpina, a fifty-year *Fight for Sight* volunteer and recent Board member, was awarded the Golden Alumnus Award. **Strike for Sight**, our other annual fundraising event, is the brainchild of Mr. LaSpina, whom we thank for his ingenuity in introducing us to bowlers who raise much-needed research funds on our behalf.

Through our grant program, scientific symposia and increased use of social media to deliver our message to a broader audience, we fulfill Mildred Weisenfeld's mission "to support and inspire eye and vision research by funding promising scientists early in their careers". Our work is impossible without your financial support. We join the Board of Directors, our alumni scientists and the thousands of people whose vision is saved as a result of *Fight for Sight*-funded research in thanking you for your generosity.

Sincerely yours,

Norman J. Kleiman, PhD  
PRESIDENT, BOARD OF DIRECTORS

Arthur Makar  
EXECUTIVE DIRECTOR

## Scientific Review Committee (SRC)



The Scientific Review Committee (SRC) is charged with reviewing and evaluating grant applications for Summer Student Fellowships, Post-Doctoral Awards and Grants-in-Aid. It is composed of prominent research scientists, academic ophthalmologists and clinician scientists representing a broad range of disciplines in ophthalmology, vision and eye research. Many received a FFS grant earlier in their career and/or have served as FFS mentors to the next generation of awardees.

FFS strives to create a diverse group of reviewers representing many of the best academic and clinical institutions across the country, who help us choose the best and brightest young students and scientists for our awards. Our review process is modeled on the peer review system utilized by the National Institutes of Health, which evaluates and ranks each application on scientific merit, strength of institutional resources and clinical relevance.

Each year, the SRC meets in conjunction with the annual meeting of the Association for Research in Vision and Ophthalmology (ARVO) to review award applications in roundtable discussions among its members. The SRC is one of Fight for Sight's greatest assets, and we are extremely grateful for their assistance, dedication and hard work.

## 2014 Reviewers



Richard W. Hertle, MD	Akron Children's Hospital
Sanjoy K. Bhattacharya, PhD	Bascom Palmer Eye Institute
Abigail S. Hackam, PhD	Bascom Palmer Eye Institute
Anna K. Junk, MD	Bascom Palmer Eye Institute
Victor L. Perez, MD	Bascom Palmer Eye Institute
Vittorio Porciatti, D.Sc.	Bascom Palmer Eye Institute
Wei Li, PhD	Bascom Palmer Eye Institute
Sayon Roy, PhD	Boston University
Mihaela Gadjeva, PhD	Brigham and Women's Hospital
John Ubels, PhD	Calvin College
Graham Quinn, MD, MSCE	Children's Hospital of Philadelphia
Stephen Tsang, MD, PhD	Columbia University
Vadim Arshavsky, PhD	Duke University
Goldis Malek, PhD	Duke University
W. Daniel Stamer, PhD	Duke University
Cynthia Toth, MD	Duke University
Richard Dix, PhD	Georgia State University
Thomas Johnson, PhD	Johns Hopkins University
Prem Subramanian, MD	Johns Hopkins University
Anne L. Coleman, MD, PhD	Jules Stein Eye Institute, UCLA
Kouros Nouri-Mahdavi, MD	Jules Stein Eye Institute, UCLA
Simon Petersen-Jones, DVM, PhD	Michigan State University
Roy S. Chuck, MD, PhD	Montefiore Medical Center
David C. Gritz, MD	Montefiore Medical Center



## American Macular Degeneration Foundation (AMDF)

Since 2012, we have co-funded Summer Student Fellowships focusing on macular degeneration through our partnership with the AMDF.

## 2014 REVIEWERS SRC (continued)

Penny A. Asbell, MD	Mount Sinal School of Medicine	Curtis R. Brandt, PhD	University of Wisconsin
Scott E. Brodie, MD, PhD	Mount Sinal School of Medicine	Joseph Carroll, PhD	University of Wisconsin
S. Patricia Becerra, PhD	National Eye Institute	Anne E. Griep, PhD	University of Wisconsin
James C. Tsai, MD, MBA	New York Eye & Ear Infirmary of Mt. Sinai	Karen M. Joos, MD, PhD	Vanderbilt University
Elizabeth Gaillard, PhD	Northern Illinois University	Louise A. Mawn, PhD	Vanderbilt University
Kate E. Keller, PhD	Oregon Health & Science University	Tonia Rex, PhD	Vanderbilt University
Kirsten Lampi, PhD	Oregon Health & Science University	Rebecca M. Sappington, PhD	Vanderbilt University
Phoebe Lin, MD, PhD	Oregon Health & Science University	Ashok Kumar, PhD	Wayne State University
Tammy M. Martin, PhD	Oregon Health & Science University	Robison V. Paul Chan, MD	Weill Cornell Medical College
Mark Pennesi, MD, PhD	Oregon Health & Science University	Thomas Grippo, MD	Yale University
Steve Planck, PhD	Oregon Health & Science University		
Renping Zhou, PhD	Rutgers University		
Patricia D'Amore, PhD, MBA	Schepens Eye Research Institute - MEEI		
Gail M. Seigel, PhD	University of Buffalo - SUNY		
Jack M. Sullivan, MD, PhD	University of Buffalo - SUNY		
Andrew Huberman, PhD	University of California, San Diego		
David Feldheim, PhD	University of California, Santa Cruz		
Melinda K. Duncan, PhD	University of Delaware		
Shannon E. Boye, PhD	University of Florida		
W. Clay Smith, PhD	University of Florida		
Dingcai Cao, PhD	University of Illinois, Chicago		
Michael Anderson, PhD	University of Iowa		
Sheila A. Baker, MD	University of Iowa		
Randy Kardon, MD, PhD	University of Iowa		
Linda McLoon, PhD	University of Minnesota		
Wallace B. Thoreson, PhD	University of Nebraska Medical Center		
Carol Toris, PhD	University of Nebraska Medical Center		
Abbot Clark, PhD	UNT Health Science Center		
Dorette Ellis, PhD	UNT Health Science Center		
Iok-Hou Pang, PhD	UNT Health Science Center		
Thomas Yorio, PhD	UNT Health Science Center		
James F. McGinnis, PhD	University of Oklahoma Health Sciences Center		
Gadi Wollstein, MD	University of Pittsburgh		
Paul R. Kinchington, PhD	University of Pittsburgh		
Duje Tadin, PhD	University of Rochester		
Rohit Varma, MD, MPH	University of Southern California		
Sujoy Bhattacharya, PhD	University of Tenn. Health Science Center		
Edward Chaum, MD, PhD	University of Tenn. Health Science Center		
Lawrence Reiter, PhD	University of Tenn. Health Science Center		
Jena J. Steinle, PhD	University of Tenn. Health Science Center		
Jeffrey Gross, PhD	University of Texas - Austin		
Matthew Petroll, PhD	UT Southwestern Medical Center		
Jun Yang, PhD	University of Utah		
Bryan S. Lee, MD	University of Washington		
Shu-Hong Chang, MD	University of Washington		
Mark Slabaugh, MD	University of Washington		

*"As a university professor and a Co-Chair of Fight for Sight's Scientific Review Committee (SRC), I am aware of the important role that mentoring plays in the life of a promising graduate or undergraduate student. FFS Summer Student Fellowship and Post-Doctoral Award applicants are required to partner with a seasoned eye and vision researcher, thus creating personal and professional relationships that last a lifetime. I am proud to be associated with FFS as both mentor and SRC member."*



**Curtis Brandt, PhD**

University of Wisconsin-Madison  
Professor; Director,  
Vision Research Core Department  
of Ophthalmology & Visual Sciences  
Medical Microbiology and Immunology  
**1987 FIGHT FOR SIGHT  
GRANT-IN-AID RECIPIENT**

## Aniridia Foundation International

Fight for Sight co-funds a Summer Student Fellowship focused on aniridia research in partnership with Aniridia Foundation International.



**Aniridia Foundation  
International**

## 2014 Grants-in-Aid

**Grants-in-Aid (GIA)** are intended to fund pilot projects and generate preliminary results for investigators who have limited or no other research funding. Grants-in-Aid are awarded to junior faculty members who are developing their independent scientific skills. A majority of Grant-in-Aid recipients go on to successfully compete for larger, multi-year awards from the NIH or other governmental and private sources utilizing preliminary results generated by their FFS-funded GIA award.



**Hannes Devos, PhD**  
Georgia Regents University  
*Visual Field Testing for Drivers  
with Glaucoma*  
**GLAUCOMA**  
**FFS/PREVENT BLINDNESS  
AMERICA AWARD**

*“The generous support of Fight for Sight will enable us to develop a performance-based visual field test to detect driving impairments in individuals with glaucoma. Driving is an important activity of daily living, especially for individuals with glaucoma who rely on their car to get out and about for grocery shopping, church, or leisure activities. Decisions related to driving cessation should therefore be based on empirical evidence. The traditional visual field screening instruments do not accurately determine the risk of motor vehicle crashes in glaucoma. Our work will help to assist glaucoma specialists in making accurate decisions regarding fitness to drive.”*



**Vinay Aakalu, MD**

University of Illinois at Chicago  
*Study of Accessory Lacrimal Gland and Precursor Cell Biology*  
**DRY EYE DISEASE**



**Sandra Kuhlman, PhD**

Carnegie Mellon University  
*Pathophysiological  
cortical inhibition*  
**AMBLYOPIA**



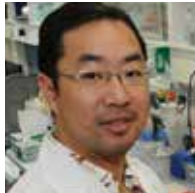
## The Eye Bank for Sight Restoration

Since 2011, we have partnered with the Eye Bank for Sight Restoration, co-funding a Summer Student Fellowship related to corneal transplantation research. Preference is given to applicants from the Northeastern United States.



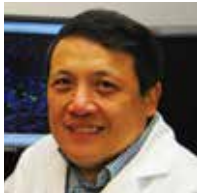
**Gillian McLellan, PhD**

University of Wisconsin-Madison  
*Optic nerve head gene expression  
 in a spontaneous glaucoma model*  
**GLAUCOMA**



**Daniel Sun, PhD**

Massachusetts Eye & Ear Infirmary  
*Immunity/inflammation during  
 elevated intraocular pressure*  
**GLAUCOMA**



**Ming Zhang, MD, PhD**

Georgia Regents University  
*IE-3 Specific siRNA alleviates MCMV retinitis*  
**CYTOMEGALOVIRUS RETINITIS**  
**FFS/INTERNATIONAL RETINAL RESEARCH FOUNDATION AWARD**



**Anthony P. Adamis, MD**  
 Global Head of Ophthalmology,  
 Immunology and Infectious Diseases,  
 Genetech, Inc.  
**1995 FIGHT FOR SIGHT  
 GRANT-IN-AID RECIPIENT**

*“As a past Grant-in-Aid recipient, I am aware of the importance of mentoring Fight for Sight grantees. Having received impactful mentoring myself, I went on to mentor promising vision scientists at Harvard. Fight for Sight creates a valuable link connecting younger scientists to more experienced eye and vision researchers. I am proud to be part of that continuum.”*

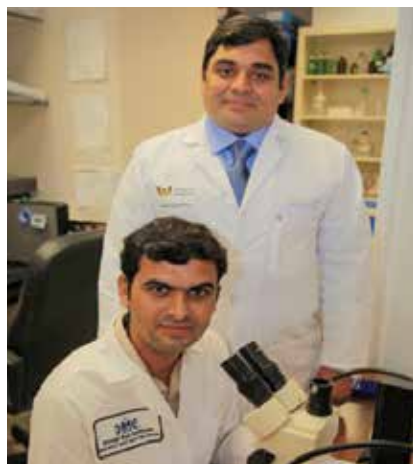
## Lions Eye Institute for Transplant & Research

Another partnership related to transplantation of eye tissue was brokered in 2012 between Fight for Sight and the Lions Eye Institute for Transplant & Research.



## 2014 Post-Doctoral Awards

**Post-Doctoral Awards** support individuals with a doctorate (PhD, MD, DrPH, OD or DVM) who are interested in academic careers in basic or clinical research in ophthalmology, vision or related sciences. Awardees typically spend a year or more engaged in vision and eye research under the supervision of a senior scientist/clinician mentor.



Pawan K. Singh with mentor  
Dr. Ashok Kumar (standing)

*"I am honored to have received a prestigious FFS Post-Doctoral Award. The past four years of my research have been very exciting. I am fascinated with the scope and opportunities in the area of vision science and believe that research on regulation of ocular innate immunity may lead to prevention and/or effective treatment of sight-threatening infectious eye diseases. I thank my mentor, Dr. Kumar, for his excellent training, as well as Fight for Sight's Board of Directors and donors for their generous support."*

**Pawan K. Singh, Ph.D.**

Wayne State University

Mentor: Ashok Kumar, PhD

*Role of Neurotrophins (NTs) in Bacterial Endophthalmitis*

**ENDOPHTHALMITIS**

*"Pawan is a highly motivated, focused and efficient individual who is a pleasure to work with. He strives for scientific excellence and has been a role model for other trainees. FFS funding serves as a stepping stone in his career goal of becoming an independent vision research scientist. As a FFS alumnus, I am proud that he is carrying on our tradition."*

**Ashok Kumar, Ph.D.**

Assistant Professor, Wayne State University School of Medicine



## North American Neuro-Ophthalmology Society

Since 2009, in partnership with NANOS, the North American Neuro-Ophthalmology Society, we offer a special research fellowship for neurology or ophthalmology residents or fellows pursuing academic research in neuro-ophthalmology that includes a travel award to present their findings at the NANOS Annual Meeting.





Navid Amini, PhD

Jules Stein Eye Institute, UCLA  
 Mentor: Kouros Nouri-Mahdavi, MD, MSc  
*Influence of the Disc Size on the Anatomical Relationship of the Clinical Disc Margin and Bruch's Membrane Opening*  
**GLAUCOMA**



Benjamin Bakondi, PhD

Regenerative Medicine Institute,  
 Cedars-Sinai Medical Center  
 Mentor: Shaomei Wang, MD, PhD  
*Does the Extracellular Matrix (ECM) Secreted by Neural Progenitor Cells (NPCs) contribute to visual preservation following Subretinal Delivery in a Rodent Model of Retinitis Pigmentosa?*  
**RETINITIS PIGMENTOSA**



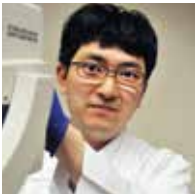
Jelmer de Vries, PhD

City College of New York  
 Mentor: Mark Harwood, PhD  
*Dissecting the delay in the saccadic size latency phenomenon*  
**VISUAL PROCESSING**



Eunice Yang, PhD

University of California, Berkeley  
 Mentor: Michael Silver, PhD  
*The role of inhibition in human amblyopia*  
**AMBLYOPIA**



Tetsuhiro Yasuma, MD, PhD

University of Kentucky  
 Mentor: Jayakrishna Ambati, MD  
*Alu-RNA toxicity from disruption of signal recognition particle leads to geographic atrophy*  
**MACULAR DEGENERATION**

## Prevent Blindness America®

In 2014, Fight for Sight will co-fund its first public health-focused Grant-in-Aid with Prevent Blindness America. Applications will be sought in the high priority areas of adult or children's vision and the prevention of eye injury.



## 2014 Summer Student Fellowships

**Summer Student Fellowships** are awarded to undergraduates, graduate and medical students interested in pursuing eye-related clinical or basic research. For most students, this is their first exposure to eye or vision research, and the experience has helped influence many students to choose academic ophthalmology or eye and vision research as a full-time career.



Archana Siddam with mentor  
Salil Lachke (on right side)

**FFS/WALTER & ADI BLUM AWARD**

*“With the latest progress in biomedical research, development of advanced therapeutic treatments for cataract is attainable. To meet this goal, our laboratory developed an interdisciplinary tool called iSyTE (integrated Systems Tool for Eye gene discovery, <http://bioinformatics.udel.edu/Research/iSyTE>) that has been successful in identifying several new genes to be associated with cataract in both humans and mouse models. Recently, we identified a gene, *Celf1*, using iSyTE, and my research aims to understand the regulatory role it plays in maintaining lens homeostasis. With your generous support, we will contribute our 100% efforts to advance understanding of the eye and the mechanisms of ocular disease. My advisor and I thank you for giving us this opportunity.”*

**Archana Siddam**

University of Delaware

Mentor: Salil Lachke, Ph.D.

*Characterization of an RNA binding protein *Celf1* (*Cugbp1*) associated with cataract*

**CATARACT**

*“It was a pleasure to work with Archana Siddam during 2014 on her Summer Student Fellowship study of cataracts. By funding her and other promising scientists, Fight for Sight ensures the future of eye and vision research.”*

**Salil Lachke, Ph.D.**

Assistant Professor of Biological Sciences, University of Delaware



Aseef H. Ahmed

University of New England

Mentor: Ian Meng, PhD

*The effect of dry eye on TRP channel expression in corneal afferent neurons*

**DRY EYE DISEASE**

**FFS/ALPERN FAMILY FOUNDATION AWARD**



Hasenin Al-khersan

University of Chicago

Pritzker School of Medicine

Mentor: Eric Beyer, MD, PhD

*Connexin channel and hemichannel function in *Cx46fs380* mouse lenses*

**CATARACT**

**BASIL V. WORGUL LENS RESEARCH AWARD**



Nirmal Aras

The Ohio State University

Mentor: Colleen Cebulla, MD, PhD

*Bioinformatics meta-analysis of *BAP1* cancer syndrome gene expression data*

**EYE TUMORS**



Fadi Assaf

Saint Louis University

Mentor: Judith Ogilvie, PhD

*Expression and localization of *CHMP2B* within wild type and *rd1* mouse retinas during postnatal development*

**RETINITIS PIGMENTOSA**



## Streilein Foundation for Ocular Immunology

We have offered a Summer Student Fellowship focusing on ocular immunology in partnership with the Streilein Foundation since 2010.



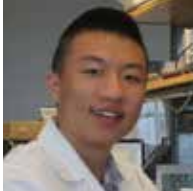
Caitlyn Bryan

West Virginia University Eye Institute  
Mentor: Visvanathan Ramamurthy, PhD  
*Translational read-through inducing drugs – Treatment for blindness?*

**LEBER CONGENITAL AMAUROSIS**

Dylan Burbee

University of Pittsburgh  
Mentor: Sarah Ross, PhD  
*Intersectional genetic strategies define a novel population of wide-field amacrine cells in the murine retina*

**VISUAL PROCESSING**

YPaul Chang

Vanderbilt University  
Mentor: Tonia Rex, PhD  
*Neuroprotection by intraocular modified erythropoietin gene therapy in a mouse model of induced ocular hypertension*

**GLAUCOMA**

Allen Chen

University of California, San Diego  
Mentor: Jonathan Lin, MD, PhD  
*Investigating the role of endoplasmic reticulum stress in stem cell-derived retinal pigment epithelium cells*

**MACULAR DEGENERATION**

Yufeng Chen

University of Toronto  
Mentor: Wai-Ching Lam, MD, FRCSC  
*Is retinal detachment in optic nerve coloboma associated with retrobulbar cysts?*

**RETINAL DETACHMENT**

Michael Chua

University of Pennsylvania  
Mentor: Joan O'Brien, MD  
*Socioeconomic and genetic risk factors for primary open angle glaucoma in Philadelphia African Americans*

**GLAUCOMA**

Emili Delp

University of Pittsburgh  
Mentor: Shiva Swamynathan, PhD  
*Effects of SLURP1 on human corneal epithelial cell viability, proliferation, adhesion, and migration*

**CORNEA****FFS/EYE-BANK FOR SIGHT RESTORATION AWARD**

Celeste Gomez

University of Pittsburgh  
Mentor: Ian Sigal, PhD  
*Quantifying the collagen crimp microstructure in peripapillary sclera*

**GLAUCOMA**

Karishma Habbu

Case Western Reserve School of Medicine  
Mentor: Rishi Singh, MD  
*Do systemic metabolic parameters affect clinical response to vascular endothelial growth factor (VEGF) inhibitors for diabetic macular edema (DME)?*

**DIABETIC MACULAR EDEMA**

Apoorva Kandakatla

University of Pittsburgh  
Mentor: Michael Steketee, PhD  
*Promoting RGC axon regeneration with fetal brain extracellular matrix*

**OPTIC NERVE REGENERATION**

## Women'sEyeHealth.org

We have partnered with Women'sEyeHealth.org since 2010 to fund a Summer Student Fellowship to study gender-based disparities in vision health, treatment and/or eye disease prevention.



## List of Awardees



Ryan Lee

University of Tennessee  
Health Science Center  
Mentor: Vanessa Morales-Tirado, PhD  
*Generation of Luc2 uveal melanoma cell lines for pre-clinical studies of kinetics of detectable liver metastases*  
**UVEAL MELANOMA**



Julia Mallory

Columbia University  
Mentor: Jeffrey Odel, MD  
*Reassessing the etiology of central scotomas unconnected to the blind spot: Frequency of retinal versus optic nerve origin*  
**VISUAL FIELD DEFECTS**



Fardeen Mehdi

University of Pittsburgh  
Mentor: Michael Steketee, PhD  
*Regenerative ophthalmology: Extracellular matrix biohybrid wrap for treatment of traumatic optic nerve Injury*  
**OPTIC NERVE INJURY**



Claire Mitchell

University of Oregon  
Mentor: James Rosenbaum, MD  
*Finding the pathogenesis of acute anterior uveitis and ankylosing spondylitis through differences in the human gut microbiota*  
**UVEITIS**  
**FFS/STREILEIN OCULAR IMMUNOLOGY FOUNDATION AWARD**



Michael Morais

University of Pittsburgh  
Mentor: Matthew Smith, PhD  
*Rapid decoding of neural signals supporting complex vision and attention*  
**VISUAL PROCESSING**



Jakaria Mostafa

University of Houston  
Mentor: Jason Porter, PhD  
*Comparison of optic nerve head and macular structure with measures of visual function in patients with traumatic brain injury*  
**TRAUMATIC BRAIN INJURY**



Sriganesh  
Ramachandra Rao

State University of New York,  
University at Buffalo  
Mentor: Steven Fliesler, PhD  
*Autophagy: Hero or culprit in photoreceptor cell death in Smith-Lemli-Opitz Syndrome?*  
**SMITH-LEMLI-OPITZ SYNDROME**



Ethan Sobol

Montefiore Medical Center  
Mentor: David Gritz, MD, MPH  
*The Bronx epidemiology of HIV Eye Study (BEHIVES): Population and clinic-based case control study of herpes simplex eye disease among HIV-positive and negative patients.*  
**HERPES INFECTION**  
**FFS/JUDGE RICHARD S. LANE AWARD**



Patrick Staropoli

Bascom Palmer Eye Institute  
Mentor: Byron Lam, MD  
*Quantification of photosensitivity in patients with hereditary retinal degenerations*  
**RETINOPATHY OF PREMATURITY**  
**FFS/AMDF FOUNDATION AWARD**



Jennifer Williams

Boston University  
Mentor: Jean Spencer, PhD  
*Using molecular dynamics simulations to understand mechanisms of neovascularization*  
**MACULAR DEGENERATION**  
**FFS/AMDF FOUNDATION AWARD**

## International Retinal Research Foundation

Fight for Sight funded its first annual Grant-in-Aid with the International Retinal Research Foundation in 2013.





Maggie Yoder

University of Oklahoma  
Health Sciences Center  
Mentor: Muna Naash, PhD  
*Mechanism of vision loss in usher  
type 2A and development of non-viral  
therapeutic treatment*  
**USHER SYNDROME**

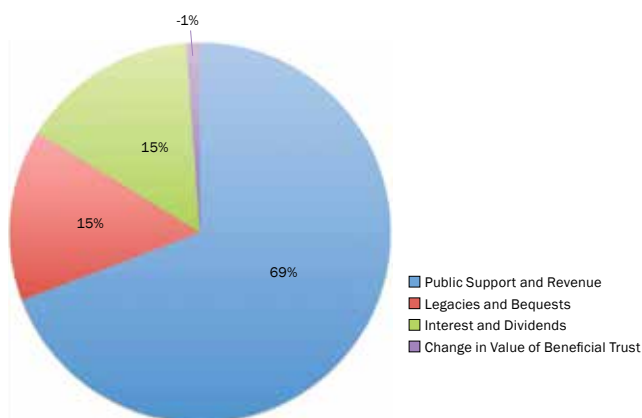


Jonathon Young

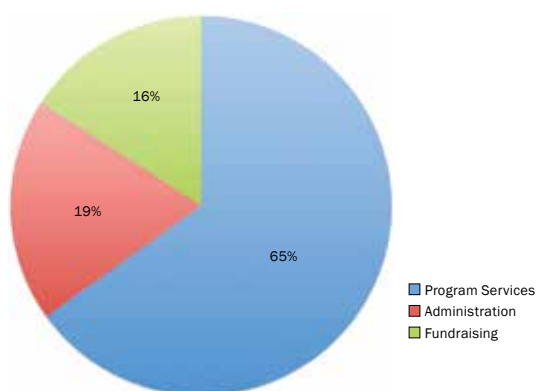
The Medical College of Wisconsin  
Mentor: Alfredo Dubra, PhD  
*Optimization of split-detection ophthalmoscopy  
for non-invasive visualization of retinal  
microvasculature*  
**RETINA**  
**FFS/SOL COHN FOUNDATION AWARD**

## Financial Highlights

### INCOME



### EXPENSES



### Fiscal Year

January 1 to December 31, 2014

### REVENUE

Public Support and Revenue	\$214,921
Legacies and Bequests	\$45,283
Interest and Dividends	\$46,833
<b>Total Revenue</b>	<b>\$307,037</b>

### EXPENSES

Program Services	\$489,820
Administration	\$143,448
Fund-raising	\$119,503
<b>Total Expenses</b>	<b>\$752,771</b>

Change in Net Assets	\$(445,734)
Change in Value of Beneficial Trust	\$(3,020)

Investment Activities	\$82,796
<b>Net Change</b>	<b>\$(365,958)</b>

Net Assets Beginning of Year	\$2,571,986
<b>Net Assets End of Year</b>	<b>\$2,206,028</b>

We would like to thank our corporate and foundation sponsors for their generous efforts to help Fight for Sight provide grants to uniquely qualified students.

**FOUNDATIONS & CORPORATIONS**

A.J.S. Plumbing & Heating Corp.  
 A.J.W. Properties Management, Inc.  
 American Macular Degeneration Foundation, Inc.  
 AmeriGroup Corporation  
 Apple Amusements Corporation  
 Bisgeier Family Foundation  
 Credit Suisse Americas Foundation  
 Eugene & Emily Grant Foundation  
 Irving Lapidus Foundation  
 Island Strategies Inc, DBA  
 J.C.P. Construction Corporation  
 Janney Montgomery Scott, LLC  
 Jenick Carpet Contractors  
 Jewish Communal Fund  
 Jewish Community Foundation  
 Jewish Federation of Greater Philadelphia  
 Kaploe Marketing Group, Ltd.  
 Louis & Estelle Chechick Charitable Endowment Fund  
 Marshall & Moss Payroll Compliance Services  
 Montefiore Medical Center  
 Network For Good  
 Product Specialties, Inc.  
 Raymond James Charitable Fund  
 Reit Management & Research, LLC  
 Rochester Host Lions Club  
 Schepens Eye Research Institute  
 Segan, Nemerov & Singer P.C.  
 Sol Cohn Foundation  
 TAG Associates, LLC  
 The Bert Glaser National Retina Institute  
 The Gilbert & Linda A. Snyder Charitable Foundation  
 The Greater Cincinnati Foundation  
 The International Retinal Research Foundation  
 The New York Eye and Ear Infirmary  
 The Walter & Adi Blum Foundation, Inc.  
 Truist

**MILDRED WEISENFELD SOCIETY**

Estate of A.R. Brooks  
 Estate of Anne W. Myers  
 Estate of Marjorie Louise Connors  
 Estate of Richard S. Lane  
 Israel & Ruth Kamaiko Charitable Trust  
 Lillian Redlich Trust

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