

**ROUNDUP**  
**November 17, 2018**  
**9:30 a.m.**  
**Chevy Chase Auditorium**

**Welcome** - PDG Larry Burton, LVRF Board of Trustees Chairman

**Pledge of Allegiance & Invocation** - PDG John Shwed, Chairman, LVRF Development Committee

**Introductions** - PDG Larry Burton

**Wilmer Eye Institute Presentations**

**Michael Repka**, M.D., Professor and Vice Chair for Clinical Practice, Chief, Division of Pediatric Ophthalmology and Adult Strabismus (see slide presentation attached)

**James Deremeik**, CLV1 - Manager, Educational Rehabilitation Program (see slide presentation attached)

**Judith Goldstein**, O.D., Associate Professor, Chief, Lions Vision and Vision Rehabilitation (see slide presentation attached)

**Robert Massof**, Ph.D., Professor, Director, Lions Vision Research and Rehabilitation Center.

**Chris Bradley**, Ph.D. - Research Associate, Lions Vision Research and Rehabilitation (see slide presentation attached)

**Gislin Dagnelie**, M.S., Ph.D., Associate Professor Associate Director, Lions Vision Research and Rehabilitation Center (see slide presentation attached)

**Patient Testimonials**—Edith Yoder and Brian Hargove

**Lion Ambassador Program** - Kristen Lindeman, OTR/L, CLVT, SCLV - Low Vision Rehabilitative Service

**LVRF Presentation**, PDG John Shwed – PDG John was, as always, dressed to conform to the theme “Roundup”. He was dressed as a cowboy from the old west with his trusty guitar. He accompanied cowboy singer Gene Autry in a couple of songs. (see presentation attached)

**Recognition and Donations**, PDG John Shwed (see report attached).

**Closing Remarks**, PDG Larry Burton - "Chair Larry thanked the testimonial speakers for their stories calling them inspirational and motivating. He also thanked the Lions in attendance who represented their clubs and made donations in support of LVRF. He then called Dr. Judy Goldstein forward and presented her with a check for \$50,000, the first installment to cover the cost for the Lions Fellowship."

**Brief LVRF Meeting – Minutes to follow**



The Multiple District 22

# Lions Vision Research Foundation, Inc.

at the Wilmer Eye Institute, The Johns Hopkins Medical Institutions

## LVRF Board of Trustees Meeting

Saturday, November 11, 2018

Chevy Chase Auditorium



### Voting Board Members

District 22-A	DG Angela Bruce – VDG Sam Foster Sub	District 22-D	DG John Burris – Kenny Vincent Sub
	PDG Larry Burton (3 <sup>rd</sup> of 3yrs)		Lion Janet Brown (3 <sup>rd</sup> of 3yrs)
	Lion Pam Burton (2 <sup>nd</sup> of 3yrs)		PDG John Shwed (2 <sup>nd</sup> of 3yrs)
	Lion John Feldmann (1 <sup>st</sup> of 3yrs)		PDG Mary Lee Phillips (1 <sup>st</sup> of 3yrs)
District 22-B	DG Wayne Cole	District 22-W	DG Gerry Beachy
	DG Wayne Cole (3 <sup>rd</sup> of 3yrs)		PDG Stephen Finger (3 <sup>rd</sup> of 3yrs)
	Lion Dr. Kevin Darcey (2 <sup>nd</sup> of 3yrs)		Lion Paul Leatherman (2 <sup>nd</sup> of 3yrs)
	PDG Ben Cassell (1 <sup>st</sup> of 3yrs)		PDG Susan Timmons (1 <sup>st</sup> of 3yrs)
District 22-C	DG Andrea Cumberland	Wilmer Representatives	Dr. Robert Massof
	PDG Paul Hawkins (3 <sup>rd</sup> of 3yrs)		Dr. Gislin Dagnelie
	PDG Dee Hawkins (2 <sup>nd</sup> of 3yrs)		Dr. Judy Goldstein
	PDG Rich Barb (1 <sup>st</sup> of 3yrs)		
		Council Chair:	CC Dee Hawkins
		Immediate Past Chair	PDG Karl Gude

### Non-Voting Members

<u>Advisors to the Board</u>	<u>Wilmer Faculty &amp; Staff</u>	<u>Board Appointees</u>	<u>1st Vice District Governors</u>	<u>Other Attendees</u>
PIP Clement F. Kusiak	Peter J. McDonnell, MD	PCC Bob Muchow	22-A: Samuel Foster	Linda Feldmann
PID Darley Travers	Morton F. Goldberg, MD	PCC Rowe Haywod	22-B: Mary Alice Carroll	Lion Rodney Timmons
PID Joseph Gaffigan	Jim Deremeik	IPCC David Studley	22-C: Sonia Wiggins	Lion Rich Collins
PID Ted Reiver	Megan Leffner	PCC Clare Newcomer	22-D: Kenny Vincent	Lion Sue Beachy
PID Richard Liebno		Lion Bill Strauss	22-W: Evan Gillette	Lion Bijoy Mahanti
	<b>LVRF Staff</b>	Lion Phyllis Thompson	<b>2nd Vice District Governors</b>	
	PDG Susan Timmons	PDG Susan Bonura	22-A: TBD	
	<b>LOVRNET Staff</b>	PDG Karl Gude	22-B: Wayne Benjamin	
	PCC Clare Newcomer	PCC John Lawrence	22-C: Ruth Moses	
		Lion Melvin Nace	22-D: TBD	
			22-W: Richard Crunkilton	
			<b>Secretary:</b> PDG Dal Mann	
			<b>Treasurer:</b>	
			Lion Paul Leatherman	
			<b>LOVRNET:</b>	
			PDG Ken Chew	

Yellow indicates present at meeting

**Chair Larry Burton called the meeting to order.**

He noted that this meeting was to be very brief, no verbal reports will be given. If you have a report please send it directly to Secretary Dal Mann and it will be attached to the minutes.

The LOVRNET Committee is working on options for how we will move forward with the MD22 LOVRNET project and a LOVRNET Central which would service as an umbrella service agency for other LOVRNET projects around the country. These will be distributed to all trustees for review. Any questions that you may have may be sent to Chairperson Larry. He will collect those questions and create a Frequently Asked Questions (FAQ) sheet which will be sent out to everyone with answers. The objective of this exercise is that by the January meeting you will have been provided a great deal of information. You will have an opportunity to study the information and maybe form an opinion about which you think are the best options. At the January meeting we will have an open discussion of the options and have an opportunity to make an informed decision before voting.

At the September meeting he announced that Lion Pam Burton had reached out to the Baltimore Broadcasters Association. This may have borne fruit. He received a call from Fox 45 News They are planning what they call “Be More Healthy Expo” to be held in March at the Baltimore Convention Center. They have invited LVRF to participate, maybe have a display to get exposure. He is working with District 22-A to have vision and hearing screening, so that the Lions will have a presence at this event. The bad news is that the event is Saturday, March 16, 2019, the proposed date of our March Trustee Meeting. The good news is that we will have many Lions coming to Baltimore for our meeting. We may need to excuse some of them in the morning and have others work the event in the afternoon.

PDG Susan could not be here today due to health reasons. Obviously she loves LVRF and she loves her job which she does exceedingly well. She does not know how long she will be able to continue and is organizing her files and documenting her duties so that her successor does not have to begin with an empty slate. He is asking Lions with organizational skills, or someone who does, and who would be willing to serve in that capacity to contact him to talk about it. PDG Susan would love to have a lengthy overlap to train someone to help carry out her duties. Give that some thought.

PDG Rich Barb noted that there is a similar Health Expo at the Washington, D.C. Convention Center each year. District 22-C does participate in this event. It is sponsored by the NBC Station. It is held on the second week-end in January each year. Secretary PDG Dal Mann noted that if anyone has a report that they would like to have reported in the minutes please send them to him electronically.

Dr. Bob Massof noted that the venue this year was very nice but we must begin planning now if we are to have any chance of getting this facility for our 2019 Rally we must begin planning now. PDG Larry noted that PDG Susan has already been in contact with Wilmer about a venue for 2019 and 2020. There have been discussions about avoiding Thanksgiving in 2019.

**Meeting adjourned**

Attached Reports:

- |                                  |                 |                                |
|----------------------------------|-----------------|--------------------------------|
| Profit and Loss                  | Donation Report | Beyond our Borders             |
| Newsletter                       | Planned Giving  | Aim for Sight Thank You Letter |
| Aim for Sight Accounting Summary |                 |                                |

**Remarks**  
**Roundup 11.17.18**  
**John J. Shwed**  
**Development Committee Chair**

HOWDY BUCKEROOS AND GALS:

Thanks for rounding up with us on behalf of the Lions Vision Research Foundation. We chose the ROUNDUP as our theme for this year's rally to convey the image of coming together at a gathering and secondarily we members of the MD-22 Lions family know that in addition to hearing the latest eye research highlights we are here to 'ROUNDUP' dollars for the organization.

The rugged cowboys of the old west represented the can-do, Entrepreneurial Spirit of America. They faced many challenges and hardships as they rounded up their longhorns and drove them to the railhead.

Lions International just commemorated 100 years of service. Over that century Lions, like the cowboys, rose to the challenge of service. Millions of people were helped. Various kinds of service initiatives were developed. Your Lions Vision Center at Johns Hopkins is one of those initiatives. It was set in motion 30 years ago by a vote of delegates to the MD-22 Lions Convention which created the partnership between the MD-22 Lions family and the Wilmer Eye Institute. Now look at how we have evolved. Thousands of people with low vision have hope for a better quality of life because of the work of the Lions Vision Center research and rehabilitation team. Knowledge is being spread worldwide through the fellowship interns who spend time training at your Lions Vision Center and then go on to professional careers elsewhere.

Now we are engaged in a low key, silent capital campaign to establish a \$2.5.-2.8 million endowment fund to ensure the operation of the fellowship training program in perpetuity.

**THE TASK COMES WITH CHALLENGES.**

**FIRST**, the MD-22 Lions have to provide sufficient donations for annual operations while we build the new endowment fund.

**SECOND**, in July 2018 Lions International announced "Campaign 100", a three-year capital campaign to raise \$300 million for Lions global service programs.

**Third**, at the local level, all clubs have many service projects to fund and for the most part they are doing that with Lions whose manes are greying.

So just like I wrote in the LVRF newsletter, we have to act like those matinee idols of the silver screen. We have to be leaders, act positive, never talk badly of a competing Lions project, look for new, creative ways to raise money and smile and ride proudly off into the sunset when the good deed is accomplished.

**HOW ARE WE DOING FINANCIALLY?**

Thus far we have funded LVRF operations successfully every year through vision days, annual gifts, and special fundraising projects.

We have also raised \$71,238 for the LVC Fellow Endowment Fund.

We are awaiting what should be a sizeable gift to the endowment fund from the Hott Estate - perhaps \$190,000. Wilmer development is holding \$100,000 in reserve representing a year when the annual Lions \$100,000 gift to support the LVC Fellow was not expended because there was a delay in the hiring process. We could reach a campaign total to date of about \$375,000 soon. Perhaps there will be new gifts announced here today when we begin the receipt of donations for both annual operations and the LVC Endowment Fund.

Going forward, we also need to gently encourage clubs to make a multi-year commitment to the endowment campaign. Several clubs responded to last year's request. We need more to join in.

We Lions are pleased to have on board our new Wilmer development representative Megan Leffner who will be working with us to promote donations from non-Lion sources. We also have a committee exploring how we might expand our fundraising beyond our borders.

We could say wow! We have a long way to go or we could say like the Chinese philosopher "a journey of a 1000 miles starts with a single step." Or we could say as comedian George Carlin responded when asked if a half full glass of water was half full or half empty - he said neither is correct. The glass is just the wrong size! A very creative answer.

We will do it Lions with creativity, enthusiasm, and hard work.



# WILMER EYE INSTITUTE!



JOHNS HOPKINS  
M E D I C I N E

PETER J. MCDONNELL, M.D., DIRECTOR & CHAIR - DEPARTMENT OF OPHTHALMOLOGY

# Wilmer Statistics

- 202 Full-time Faculty
  - 37 part-time faculty
  - 1,000 staff members
  - And growing!
- Same Day Appointments
  - Since 2015, Wilmer has made more than 45,000 same-day appointments.
- Satellite Locations
  - 10 locations throughout Maryland
  - More than 270,000 patients seen in FY18



# Wilmer Residents 2018-2019

## Assistant Chiefs of Service



Jefferson Davie, MMBChir, Ph.D. Jithin Yohannan, M.D.

### 3rd Year



Sophie Cai, M.D.



Kathleen Jee, M.D.



Angelina Nguyen, M.D.



Inna Stroh, M.D., Ph.D.



Angela Zhu, M.D.

### 2nd Year



Inas Aboobakar, M.D.



Tracy Krick, M.D.



Kapil Mishra, M.D.



Narine Viruni, M.D.



Jenny Zhao, M.D.

### 1st Year



Meleha Ahmad, M.D., MS



Ishrat Ahmed, M.D.



Karun Arora, M.D.



Pujan Dave, M.D.



Jacob Light, M.D.



# TWO FUN FACTS FOR TODAY

- If the 6<sup>th</sup> Floor of Wilmer were its own department of Ophthalmology
  - It would rank 6<sup>th</sup> in US in federal funding
- If WILMER was a MEDICAL SCHOOL
  - We would rank in the middle third for federal research funding
  - Ahead of 46 other schools



# The State of Our Institute in 2018 is Strong

- Do a Better Job of Delivering The Message About What Wilmer Offers
- Constantly Look to Recruit The Top People to Wilmer
  - Growth With Excellence



# Wilmer Eye Institute Pediatric Ophthalmology and Strabismus Division




Courtney Kraus, MD, Assistant Professor  
Jefferson Doyle, MD, PhD, MHS, Assistant Professor  
Edward Kuwera, MD, Assistant Professor  
Alex Christoff, CO, Orthoptist, Assistant Professor  
Boris Gramatikov, PhD, Assistant Professor  
Kristi Irsch, PhD, Professional Leave, in Paris  
Kurt Simons, PhD, Volunteer Research Associate

# Pediatric Ophthalmology Division Overview

- Wilmer Institute & Johns Hopkins University
  - East Baltimore, Bethesda, Greenspring, Columbia, Belair
- Diverse pathology
  - All insurances
- Includes children and adult care
- Trainees – residents, students and fellows
- Research expertise – academic productivity

# Recognizing Visual Impairment in Children

- Vision screening is the first indication of abnormal vision in 75% of kids < age 13
  - 40 out of 50 states mandate vision screening for children
    - No set standard for state vision screening protocols
    - Marked variation in vision screening protocols by state
  - Maryland Vision Screening Mandate
    - Grade of first entry (Pre-K or K)
    - First Grade
    - Eighth Grade
- 

# VISION FOR BALTIMORE



BALTIMORE CITY  
PUBLIC SCHOOLS



Vision To Learn  
Focus on the Future

JOHNS HOPKINS  
UNIVERSITY & MEDICINE

WARBY PARKER

# V4B Process

- *Launched in Fall 2016*
- *152 schools serving all Baltimore City Public School students in preK – 8<sup>th</sup> grade*

Vision screenings for every student

Mobile vision clinic evaluation at school

Eyeglasses prescribed and dispensed at school

Eyeglasses replaced as needed

Long-term monitoring of eyeglasses use

## Vision Screenings

- Performed by BCHD vision screening teams
- Screening components:
  - Distance visual acuity
  - Stereo E test
  - Cover test
  - Spot photoscreener
- A vision screening failure is defined as not passing  $\geq 1$  element of the assessment.

## Eye Exams

- Conducted by Vision To Learn optometrists
- Vision testing includes:
  - Distance visual acuity
  - Cover testing
  - Auto-refraction
  - Manifest refraction
  - Near acuity (based on symptoms)
- Slit lamp or penlight assessment of external/anterior segment
- Non-dilated fundus exam (optic nerve and macula) with direct or indirect ophthalmoscopy





**"THIS IS AN AWESOME PROGRAM—OUR KIDS NEED GLASSES!" - SCHOOL SECRETARY**

*"My glasses have been broken for 3 years. I am so excited I don't have to wear small, broken glasses anymore!" - 5th grade student*

**"My students love participating now to read to the class." - 4th grade teacher**

*"I had no idea that this was all I needed. I thought something else was wrong with me!" - 2nd grade student*

***"Hey, I don't look bad in glasses after all!" - 7th grade student***

# Educational Programs



# V4B Students Served

*(as of 11.5.18)*

	# Students Screened	# Students Failed Vision Screening	Eye Exams Completed	Eyeglasses Prescribed	Referrals for Further Care
Year 1 (9/2016 – 8/2017)	17,614	5,596	2,920	2,349	146
Year 2 (9/2017 – 6/2018)	17,464	6,172	3,282	2,504	159
Year 3 (9/2018-present)	6,988	2,412	444	300	7
Total	42,066	14,180	6,646	5,153	312



# Reflections LVRF Historical Contributions

Jim Deremeik

Multiple District 22 Lions Vision Rally

November 17, 2018

# Dr. Arnall Patz



# Dr. Richard Hoover



# Richard Hoover

- Began career math & PE teacher MSB
- Completed Hopkins ophthalmology program
- Served MSB Board Directors
- Created low vision program GBMC





# Father Long White Cane



# “Parapatologist”

- Official title to Orientation & Mobility specialist
- Established Masters level program in travel skills with Boston College being first program
- Lobbied federal government to provide financial support to candidates seeking this specialized training

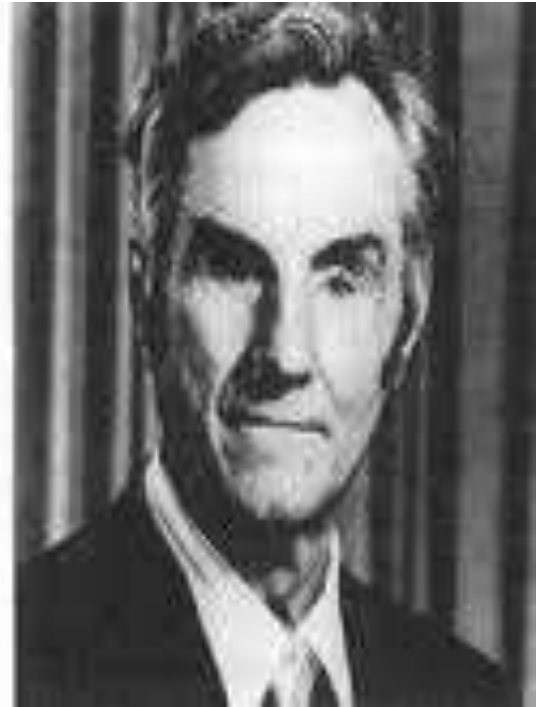
# Maryland Connection VA Rehabilitation Services f/t Blind



Warren Bledsoe



Richard Hoover



Russ Williams

# Greater Baltimore Medical Center

- Director Department Ophthalmology
- Responsible Ophthalmology Residency Training Program
- Initiated low vision services
- Richard E. Hoover Rehabilitation Services for Low Vision and Blindness created in 1986

# American Printing House f/t Blind



“One of the greatest contributions in the history of the American Printing House for the Blind is the work of Dr. Patz in the identification and treatment of the RLF epidemic.”

Mike Hudson 2018 Keynote Address

Curator American Printing House f/t Blind

# APH Wings of Freedom Award Presented 2006



# Educational Implications

- Residential Schools for the blind created “sight saving” classes
- Greater number of blind and low vision students attended public school in their home community
- Low Vision becomes a part of the educational program with the use of low vision devices and large print material



# Residential School for the Blind

## **Perkins School for the Blind**

- 1953 - 234
- 1963 - 322

## **Maryland School for the Blind**

- 1953 - 200
- 1963 - 302

# Learning Media

## **Braille Production**

- 1953 - 34,234,668
- 1963 - 65,946,304
- 1970 - 54,633,896

## **Large Print Production**

- 1953 - 3,669,738
- 1964 - 8,276,272
- 1970 - 14,289,000

# Hall of Fame for Leaders and Legends of the Blindness Field

- Dr. Richard Hoover
- Dr. Eleanor Faye
- Dr. Arnall Patz
- Dr. Randall Jose



ARNALL PATZ, M.D.

PHYSICIAN  
SCIENTIST

HUMANITARIAN  
WE SALUTE YOU!  
THE WILMER  
EYE INSTITUTE

ARNALL PATZ, M.D.  
PHYSICIAN  
SCIENTIST  
HUMANITARIAN  
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CONGRATULATIONS  
ARNALL PATZ M.D.  
PRESERVING SIGHT  
RLF/DIABETES  
THROUGH SPECIAL  
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HALL of FAME



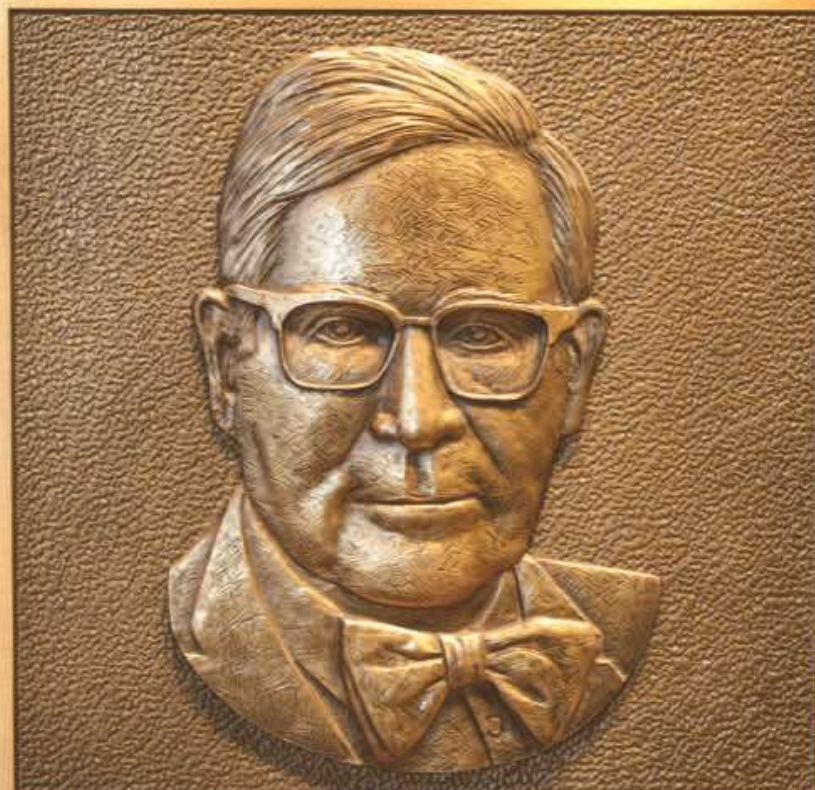
ARNALL PATZ

1920 - 2010

INDUCTED 2006



HALL of FAME



RICHARD EDWIN HOOVER

1915 - 1986

INDUCTED 2002



ARNALL PATZ, MD. FELLOW

Presented To

**PDG SUSAN TIMMONS**

*In Recognition Of Dedicated Service*

*And Support To Advance The*

*Objectives And Commitment Of The*

*Lions Multiple District 22*

By The

Lions Vision Research Foundation

At

The Johns Hopkins

Wilmer Eye Institute

*[Signature]*  
Susan Timmons,  
Chairman of the Board



*[Signature]*  
Peter J. McDonnell  
Director, Wilmer Eye Institute

**Thank You!**



MD-22

Lions Research and Rehabilitation Center  
at the Wilmer Eye Institute

*Lions Day Rally*  
*November 17, 2018*

Judith Goldstein, O.D

Associate Professor of Ophthalmology

Wilmer Eye Institute

Johns Hopkins School of Medicine

# Wilmer Eye Institute Baltimore



# Our Mission

- Clinical care
- Research
- Teaching
  - Lions Fellow
  - Ophthalmology residents and medical students
  - Optometry residents and students

# Lions Fellowship Program in Vision Rehabilitation

- Train the next generation of clinician scientists
- One of two vision rehabilitation fellowship in the U.S.
- Funded annually by LVRF – 100K per year
- LVRF and Wilmer working to endow the fellowship

# LVRF Fellowship Program in Low Vision Rehabilitation

- Strong clinical focus
  - Technical elements (diagnosis, treatment and management)
  - Community services engagement and education
  - Observation and direct care

# Past LVRF Fellows in LVR



# Training Program Firsts

- Interest from currently practicing optometrist
- 2018 – received approval from JHU GME office to enable fellows to complete the training program on a PT basis
- Program completion –
  - 15 mo program instead of 12 mos

# 2018 -2019 LVRF Fellow in LVR

## Dr. Michelle Komal

- B.S. University of Connecticut
- Doctorate from NECO, Boston MA.
- US Navy. She attended Officer Indoctrination School in Rhode Island where she graduated as a commissioned Naval Officer in the Medical Service Corp.



- Primary Care Optometrist.
- Active Duty Naval Optometrist
- Staff Optometrist at the VAMC and DOD



# Training Program Firsts

Other Educational Opportunities

# Grand Rounds / Didactics / Workshops

## Faculty, Residents, and Medical Students

- Grand Rounds – Disability and LV - October 2018
- Breaking Bad News Workshop – October 2018
- Effective Mobility and Navigation with Vision Impairment – February 2019

# Developing Interest in Vision Rehab

## 3<sup>rd</sup> Year Optometry Students

- Pilot 2-day program in 2019 for two optometry students in the U.S. to visit Lions Vision Rehabilitation Center
- Observe clinic, attend grand rounds, VR research meeting, interact with clinical and research faculty

# A new use for head mounted displays for low vision (LVES)



# Use LVES to detect trachoma

- Trachoma is the leading cause of preventable blindness in the world
- 1.2 million are irreversibly blind
- Caused by bacterial infection
- LCIF's SightFirst program has given more than \$47 million towards eliminating trachoma

# Advantages of head mounted displays

- Hands free!
- A single person can simultaneously flip eyelids and take pictures using a foot pedal
- More cost effective than hiring two people
- Pictures can be evaluated in virtual reality
- Barcodes automatically identify patients

# Road to village in Tanzania



# Village in Tanzania





# Testing in Tanzania



# Test subject at Hopkins



# Summary

- Annual LVRF Fellowship funding
  - provides a critical foundation
  - Train and developing of VR experts
- Future – Endowing the fellowship

# Ultra-low vision – what to do when even Kristen can't help



The Ultra-Low Vision Lab Moles:

Gislín Dagnelie

Chris Bradley

Liancheng Yang



Kemi Adeyemo

Arathy Kartha

Roksana Sadeghi

November 17, 2018

If you have “ordinary” low vision.....



normal vision



age-related macular degeneration



diabetic retinopathy



glaucoma

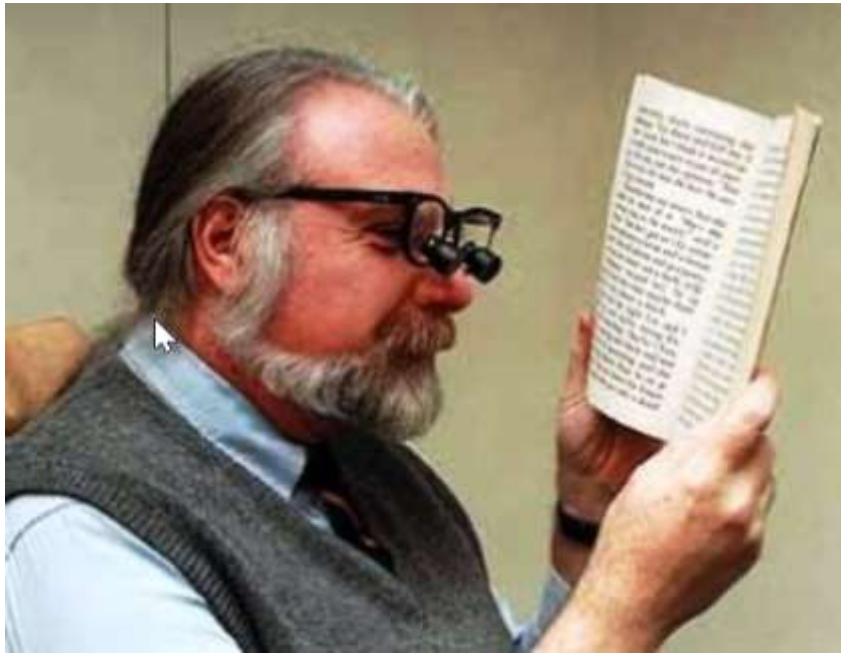


retinitis pigmentosa





...then the LVC staff provides “ordinary” tools



Then...



...then the LVC staff provides “ordinary” tools



....and now!



But what if you don't have "ordinary" low vision?

What if you saw me like this?

Is this still "useful vision" ?





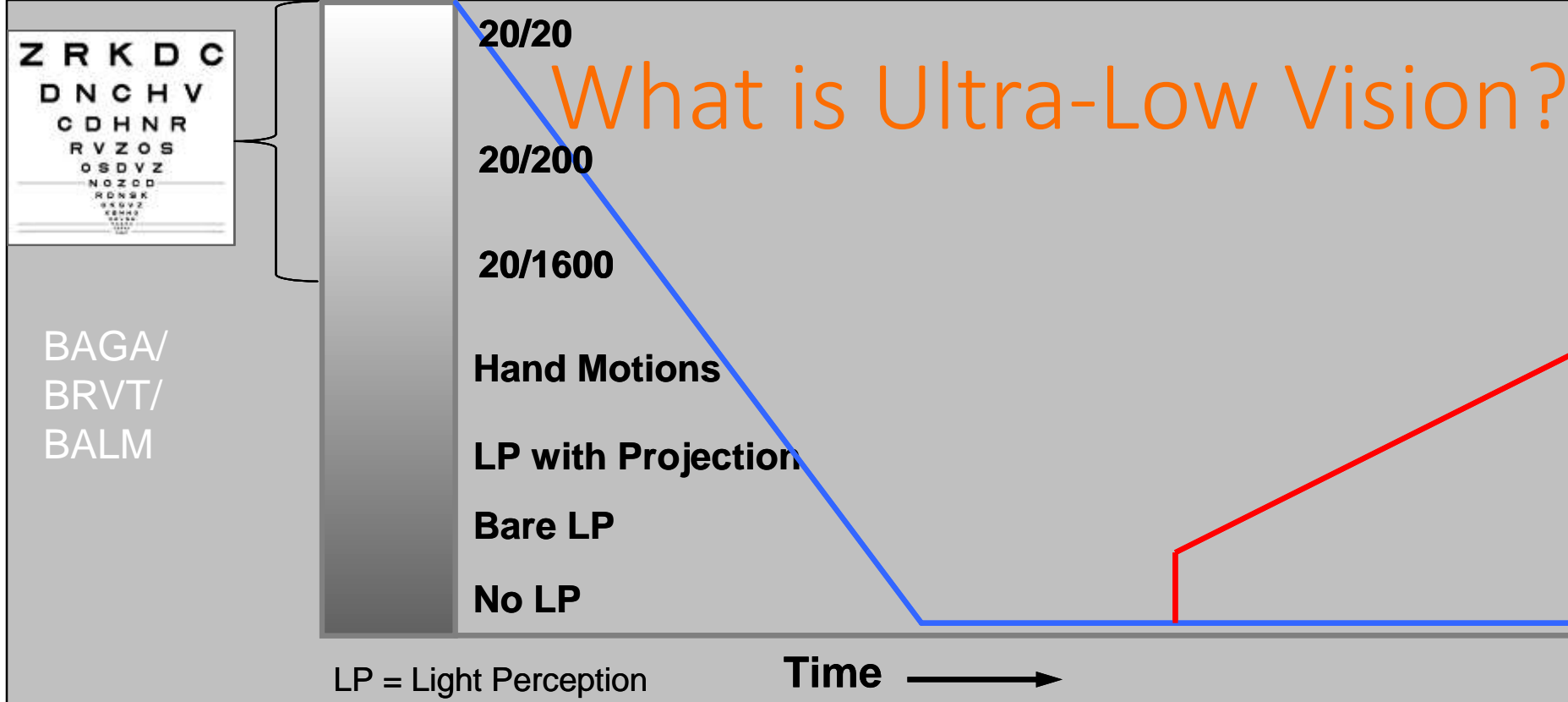
# Ultra-low vision (ULV) described by an end-stage RP patient

*“When I could see a little I made sure my door frames were painted a contrasting color to the walls. With enough light, this still helped guide me if I looked up and used one of my crescents of light perception.*

*“Now I use lamps strategically placed as a guide at night or in dark areas of my home. I use rugs to feel my way around ottomans or coffee tables.”*

- This quote teaches us three important lessons:
  - ULV may not seem useful to us, but it is vision nonetheless
  - In ULV, blindness skills and remaining vision are complementary
  - Self reported skills, and activities performed under observation, are just as important as vision tests in the lab & clinic

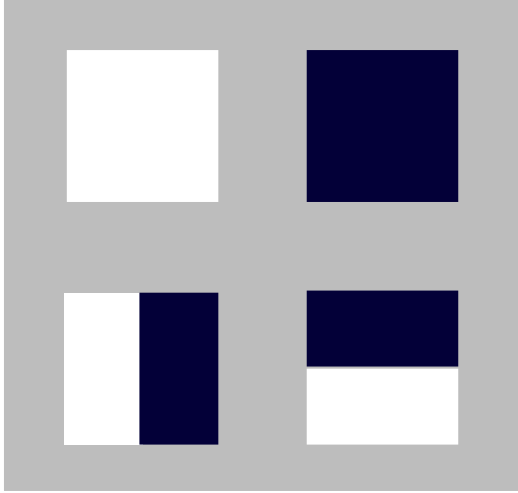




- The late stages of progressive vision loss
- Congenital
- Vision partially restored after functional blindness



# How do we measure ULV?



Three approaches:

- Measure visual function: BALM, BRVT
- Self-report: Standardized questionnaires
- Performance: Standardized activities



# Why do we want to measure ULV?

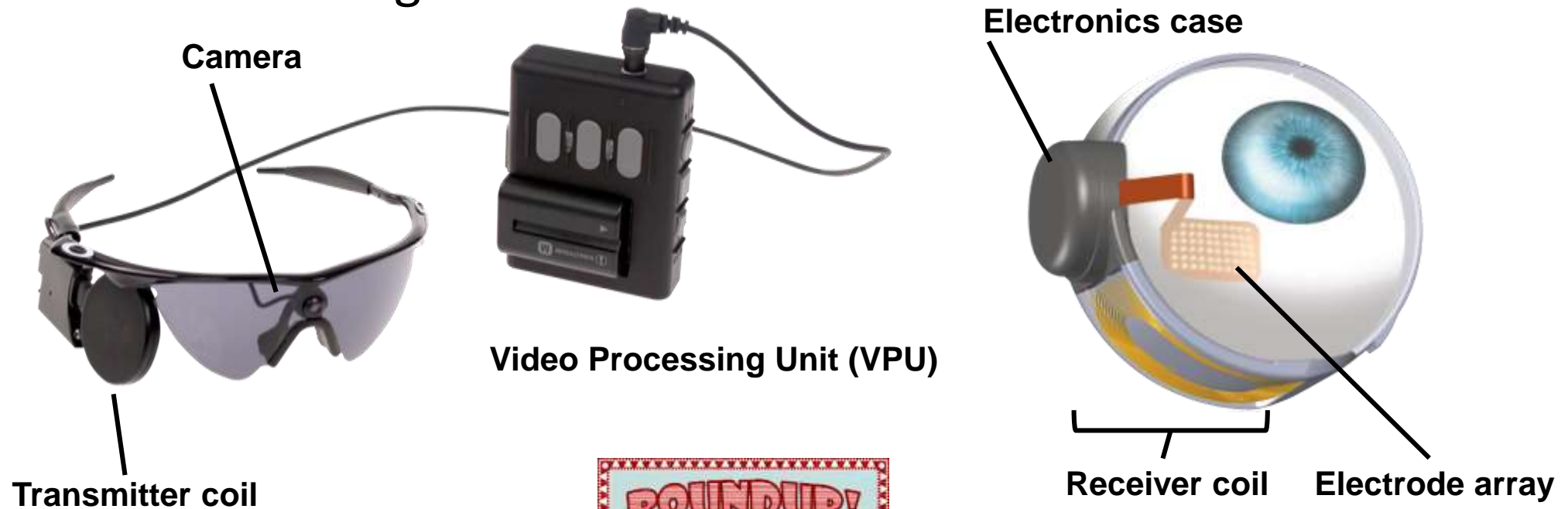
Two important reasons:

- To evaluate new treatments
  - Gene therapy
  - Stem cells
  - Drugs/biologics
  - Visual prostheses
- To monitor rehabilitation efficacy



# What other ways do we have to improve ULV?

- Making ULV useful requires simplification
- Examples in the case of Argus II:
  - Thermal imaging
  - Distance filtering



# Argus glasses with thermal+distance cameras



thermal

distance



# Thermal imaging intro

- Thermal sensors capture 8 – 14  $\mu\text{m}$  band (heat)
- Complement visible image (0.4 – 0.75  $\mu\text{m}$  band)



Visible image



Thermal image





# Depth filtering applications

Normal View



Raw scene

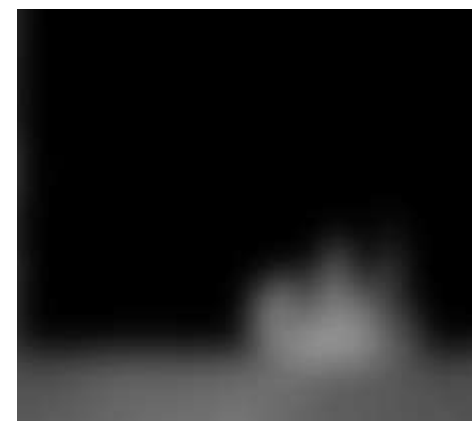


Depth-filtered scene

Argus II View



Raw scene



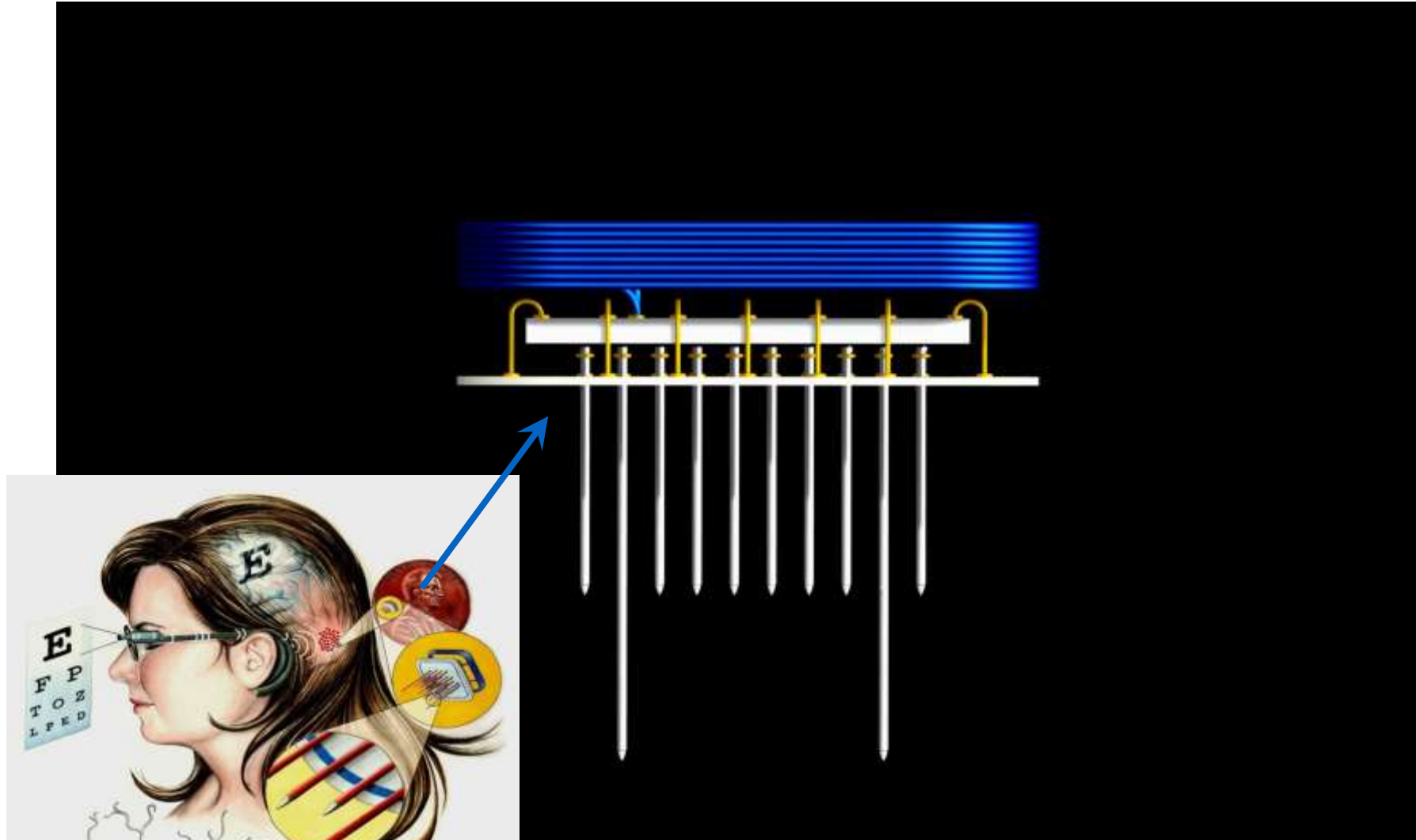
Depth-filtered scene

- In cluttered scenes, eliminate out-of-range information
- Perform depth discrimination using slider
- Obstacle detection while walking

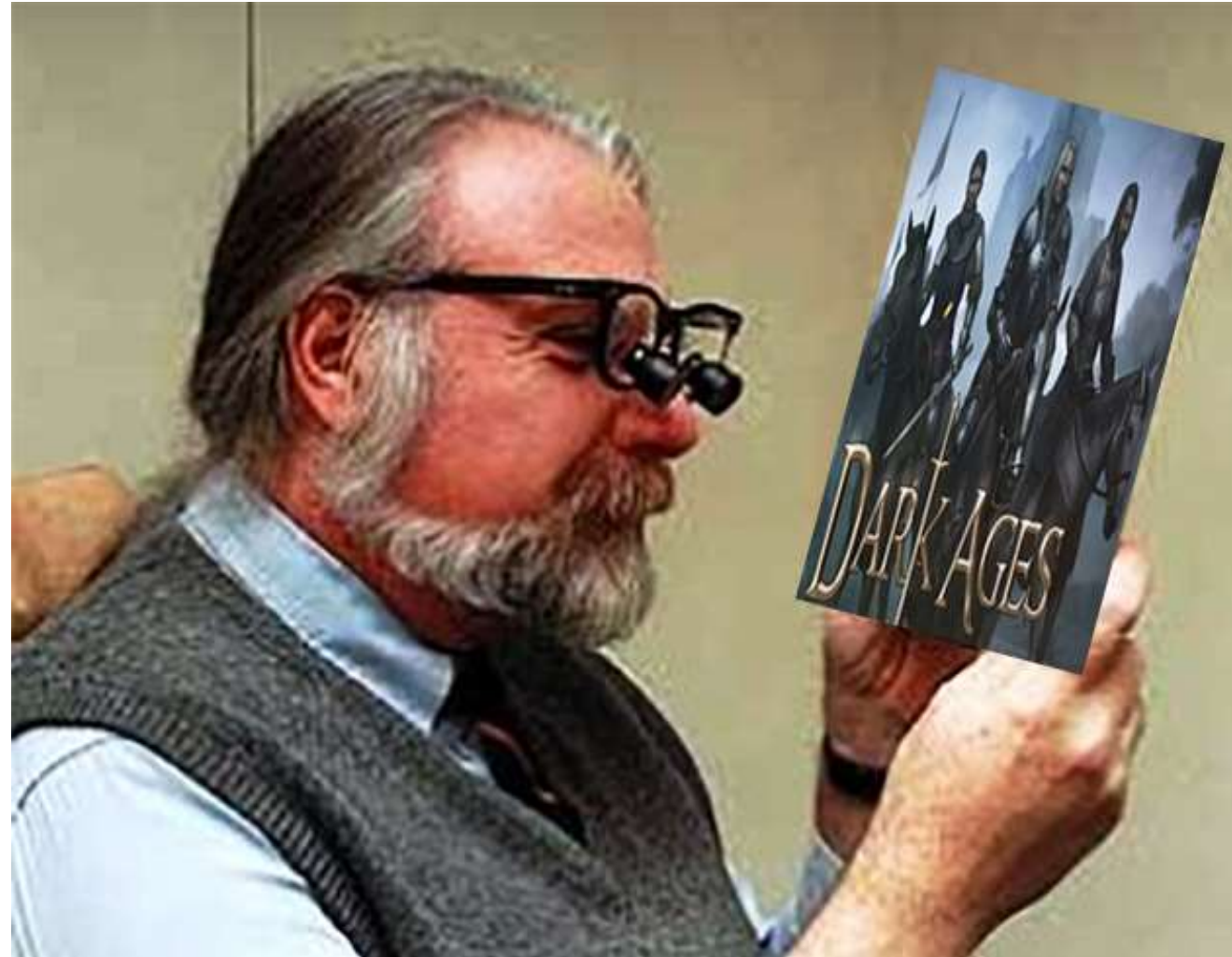




# Intracortical Visual Prosthesis: Reality in 2019?



Without LVRF, we'd still be in the Dark Ages!



## Multiple District 22 Lions Vision Research Foundation, Inc.

## Profit &amp; Loss

July 1 through November 16, 2018

	<u>Jul 1 - Nov 16, 18</u>
Ordinary Income/Expense	
Income	
42000 · Honorariums	
42411 · Honorariums 22 B	400.00
Total 42000 · Honorariums	400.00
43000 · Donations	
43110 · Club Donations 22 A	942.80
43111 · Club Donations 22 B	1,500.00
43112 · Club Donations 22 C	250.00
43113 · Club Donations 22 D	500.00
43114 · Club Donations 22 W	8,988.00
43120 · Non Lions Annual Giving	255.00
Total 43000 · Donations	12,435.80
43500 · Memorials	
43211 · Memorials District 22 B	100.00
43214 · Memorials District 22 W	150.00
Total 43500 · Memorials	250.00
43600 · Special Projects	
445 · Ornaments	32.00
447 · 120 PIN Project	840.00
Total 43600 · Special Projects	872.00
45000 · Lions Vision Days	
45410 · Lions Vision Days 22 A	272.00
45414 · Lions Vision Days 22 W	1,284.03
Total 45000 · Lions Vision Days	1,556.03
46000 · Fellowship Projects	
46414 · Fellowship Endowment 22 W	550.00
46452 · Patz Fellowship	2,137.52
Total 46000 · Fellowship Projects	2,687.52
48000 · Interest & Investment earnings	
48100 · Interest Earned PNC checking	19.65
48200 · Interest Income PNC Savings	37.24
Total 48000 · Interest & Investment earnings	56.89
Total Income	18,258.24
Gross Profit	18,258.24
Expense	
60000 · Operating Expenses	
6003 · Board Meeting Expenses	145.49
6004 · Bulk Mail Permit	225.00
6018 · Fidelity Bond	505.74
6025 · Legal and Accounting	55.00
6040 · Newsletter	3,740.98
6050 · Office Supplies	161.09
6077 · Postage	76.88
60000 · Operating Expenses - Other	161.29
Total 60000 · Operating Expenses	5,071.47
6019 · Grants to Lions Projects	
6019.1 · Lions Fellowship Endowment	50,000.00
Total 6019 · Grants to Lions Projects	50,000.00
6030 · Miscellaneous Expense	99.00
6200 · Raffles & Fund Raisers	
6205 · Rally Expenses	317.30
Total 6200 · Raffles & Fund Raisers	317.30

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Accrual Basis

**Multiple District 22 Lions Vision Research Foundation, Inc.**  
**Profit & Loss**  
**July 1 through November 16, 2018**

	<u>Jul 1 - Nov 16, 18</u>
6550 · Recognitions	
6551 · Recognition Rewards	455.52
Total 6550 · Recognitions	455.52
66900 · Reconciliation Discrepancies	512.74
Total Expense	<u>56,456.03</u>
Net Ordinary Income	-38,197.79
Other Income/Expense	
Other Income	
47000 · RJ Mutural Funds Mkt Ad	
47026 · RJ Mutural Fund Interest	3,624.30
47027 · Raymond James Realized G/L	-6,799.10
47028 · RJ Mutural Fund Expense	-2,203.16
Total 47000 · RJ Mutural Funds Mkt Ad	-5,377.96
47100 · RJ Low Vision Act Mkt Adm	
47126 · RJ Low Vision Interest	174.49
47127 · RJ Low Vision Realized Gain	-2,146.52
47128 · RJ Low Vision Expenses	-126.10
Total 47100 · RJ Low Vision Act Mkt Adm	<u>-2,098.13</u>
Total Other Income	<u>-7,476.09</u>
Net Other Income	-7,476.09
Net Income	<u><u>-45,673.88</u></u>

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## Multiple District 22 Lions Vision Research Foundation, Inc.

## Profit &amp; Loss Detail

11/12/18

July 1 through November 16, 2018

Accrual Basis

Type	Date	Num	Name	Memo	Clr	Split	Amount	Balance
<b>66900 · Reconciliation Discrepancies</b>								
Bill	07/01/2018		Lord Baltimore Llons	Arnall Patz A...		200 · Accounts...	512.74	512.74
General Journal	07/31/2018	CPA21		Balance Adju...		10101 · Checkl...	268.36	781.10
General Journal	08/31/2018	CPA22		Balance Adju...		10101 · Checkl...	-268.36	512.74
Total 66900 · Reconciliation Discrepancies							512.74	512.74
Total Expense							56,456.03	56,456.03
Net Ordinary Income							-38,197.79	-38,197.79
<b>Other Income/Expense</b>								
<b>Other Income</b>								
<b>47000 · RJ Mutual Funds Mkt Ad</b>								
<b>47026 · RJ Mutual Fund Interest</b>								
General Journal	07/31/2018	CPA15				10225 · Mutual...	983.04	983.04
General Journal	08/31/2018	CPA23				10230 · Ray Ja...	580.95	1,563.99
Deposit	09/30/2018	CPA27	Raymond James LV...	Deposit		10230 · Ray Ja...	250.92	1,814.91
General Journal	10/08/2018	CPA26				10225 · Mutual...	1,345.74	3,160.65
General Journal	10/31/2018	CPA29		October change		10225 · Mutual...	463.65	3,624.30
Total 47026 · RJ Mutual Fund Interest							3,624.30	3,624.30
<b>47027 · Raymond James Realized G/L</b>								
General Journal	07/31/2018	CPA15				10225 · Mutual...	4,893.47	4,893.47
General Journal	08/31/2018	CPA23				10230 · Ray Ja...	7,194.63	12,088.10
General Journal	10/08/2018	CPA26				10225 · Mutual...	171.17	12,259.27
General Journal	10/31/2018	CPA29		October change		10225 · Mutual...	-19,058.37	-6,799.10
Total 47027 · Raymond James Realized G/L							-6,799.10	-6,799.10
<b>47028 · RJ Mutual Fund Expense</b>								
General Journal	07/31/2018	CPA15				10225 · Mutual...	-1,082.05	-1,082.05
General Journal	10/31/2018	CPA29		October change		10225 · Mutual...	-1,121.11	-2,203.16
Total 47028 · RJ Mutual Fund Expense							-2,203.16	-2,203.16
Total 47000 · RJ Mutual Funds Mkt Ad							-5,377.96	-5,377.96
<b>47100 · RJ Low Vision Act Mkt Adm</b>								
<b>47126 · RJ Low Vision Interest</b>								
General Journal	07/31/2018	CPA14				10230 · Ray Ja...	49.64	49.64
General Journal	08/31/2018	CPA23				10230 · Ray Ja...	55.93	105.57
General Journal	10/31/2018	CPA29		October change		10225 · Mutual...	68.92	174.49
Total 47126 · RJ Low Vision Interest							174.49	174.49
<b>47127 · RJ Low Vision Realized Gain</b>								
General Journal	07/31/2018	CPA14				10230 · Ray Ja...	769.63	769.63
General Journal	08/31/2018	CPA23				10230 · Ray Ja...	641.98	1,411.61
General Journal	10/31/2018	CPA29		October change		10225 · Mutual...	-3,291.46	-1,879.85
General Journal	10/31/2018	CPA29		October change		10225 · Mutual...	-266.67	-2,146.52
Total 47127 · RJ Low Vision Realized Gain							-2,146.52	-2,146.52
<b>47128 · RJ Low Vision Expenses</b>								
General Journal	07/31/2018	CPA14				10230 · Ray Ja...	-126.10	-126.10
Total 47128 · RJ Low Vision Expenses							-126.10	-126.10
Total 47100 · RJ Low Vision Act Mkt Adm							-2,098.13	-2,098.13
Total Other Income							-7,476.09	-7,476.09
Net Other Income							-7,476.09	-7,476.09
Net Income							<b>-45,673.88</b>	<b>-45,673.88</b>

## Multiple District 22 Lions Vision Research Foundation, Inc.

## Profit &amp; Loss Detail

July 1 through November 16, 2018

11/12/18

Accrual Basis

Type	Date	Num	Name	Memo	Clr	Split	Amount	Balance
<b>Expense</b>								
<b>60000 · Operating Expenses</b>								
<b>6003 · Board Meeting Expenses</b>								
Bill	07/21/2018	Bd Mtg	Larry Burton	Redners ware...		200 · Accounts...	97.11	97.11
Bill	07/21/2018	Bd Mtg	Larry Burton			200 · Accounts...	5.70	102.81
Bill	08/06/2018	July 18	susan timmons	July Bd mtg		200 · Accounts...	20.65	123.46
Bill	09/23/2018	Sept 18	susan timmons	Sept board tg		200 · Accounts...	22.03	145.49
Total 6003 · Board Meeting Expenses							145.49	145.49
<b>6004 · Bulk Mail Permit</b>								
Bill	09/23/2018	Sept 18	susan timmons	permit numbe...		200 · Accounts...	225.00	225.00
Total 6004 · Bulk Mail Permit							225.00	225.00
<b>6018 · Fidelity Bond</b>								
General Journal	07/01/2018	CPA16		Prepaid		150 · Prepaid ...	283.74	283.74
Bill	10/22/2018	102018	Selective Insurance	10/27/18 to 1...		200 · Accounts...	222.00	505.74
Total 6018 · Fidelity Bond							505.74	505.74
<b>6025 · Legal and Accounting</b>								
Bill	07/21/2018	12556	Cathy Vaughn	Personal Pro...		200 · Accounts...	55.00	55.00
Total 6025 · Legal and Accounting							55.00	55.00
<b>6040 · Newsletter</b>								
Bill	10/25/2018	postage	William Strauss	permit		200 · Accounts...	1,050.00	1,050.00
Bill	11/09/2018	224565	HBP, Inc.	Child brochur...		200 · Accounts...	2,690.98	3,740.98
Total 6040 · Newsletter							3,740.98	3,740.98
<b>6050 · Office Supplies</b>								
Bill	09/23/2018	Sept 18	susan timmons			200 · Accounts...	134.29	134.29
Bill	09/30/2018	Bus C...	Lary Burton	Business Cards		200 · Accounts...	26.80	161.09
Total 6050 · Office Supplies							161.09	161.09
<b>6077 · Postage</b>								
Bill	07/21/2018	July	Mary L. Phillips	package		200 · Accounts...	6.70	6.70
Bill	08/06/2018	July 18	susan timmons			200 · Accounts...	20.18	26.88
Bill	09/23/2018	Sept 18	susan timmons			200 · Accounts...	50.00	76.88
Total 6077 · Postage							76.88	76.88
<b>60000 · Operating Expenses - Other</b>								
General Journal	09/30/2018	CPA27				10230 · Ray Ja...	161.29	161.29
Total 60000 · Operating Expenses - Other							161.29	161.29
Total 60000 · Operating Expenses							5,071.47	5,071.47
<b>6019 · Grants to Lions Projects</b>								
<b>6019.1 · Lions Fellowship Endowment</b>								
Check	11/12/2018	664	Wilmer Eye Institute			10101 · Checki...	50,000.00	50,000.00
Total 6019.1 · Lions Fellowship Endowment							50,000.00	50,000.00
Total 6019 · Grants to Lions Projects							50,000.00	50,000.00
<b>6030 · Miscellaneous Expense</b>								
Check	07/21/2018	654	VOID			10101 · Checki...		0.00
Bill	10/15/2018		Lion Susan Bonura	Grant Station ...		200 · Accounts...	99.00	99.00
Total 6030 · Miscellaneous Expense							99.00	99.00
<b>6200 · Raffles &amp; Fund Raisers</b>								
<b>6205 · Rally Expenses</b>								
Bill	09/23/2018	Sept 18	susan timmons	Ralley		200 · Accounts...	317.30	317.30
Total 6205 · Rally Expenses							317.30	317.30
Total 6200 · Raffles & Fund Raisers							317.30	317.30
<b>6550 · Recognitions</b>								
<b>6551 · Recognition Rewards</b>								
Bill	08/08/2018	July 18	susan timmons	KOTB recogn...		200 · Accounts...	14.77	14.77
Bill	08/23/2018	14587	Wanda's Clocks and...	Morris Jones ...		200 · Accounts...	108.00	122.77
Bill	09/23/2018	498659	Dottie's Trophies	pyramid		200 · Accounts...	16.75	139.52
Bill	10/31/2018	14964	Wanda's Clocks and...	Donald Keen...		200 · Accounts...	208.00	347.52
Bill	11/09/2018	14984	Wanda's Clocks and...	Dr John Burris		200 · Accounts...	108.00	455.52
Total 6551 · Recognition Rewards							455.52	455.52
Total 6550 · Recognitions							455.52	455.52

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## Multiple District 22 Lions Vision Research Foundation, Inc.

11/12/18

## Profit &amp; Loss Detail

Accrual Basis

July 1 through November 16, 2018

Type	Date	Num	Name	Memo	Clr	Split	Amount	Balance
<b>43214 - Memorials District 22 W</b>								
Deposit	08/13/2018	1985	Anonymons	Lion Debhora...		10101 - Checki...	50.00	50.00
Deposit	08/13/2018	5863	Anonymons	Junior Ruiz (S...		10101 - Checki...	50.00	100.00
Deposit	09/23/2018	255	Hancock Lioness Club	Wayne Brittn...		10101 - Checki...	25.00	125.00
Deposit	11/08/2018	836	Thurmont Lions Club	Deposit		10101 - Checki...	25.00	150.00
Total 43214 - Memorials District 22 W							150.00	150.00
Total 43500 - Memorials							250.00	250.00
<b>43600 - Special Projects</b>								
<b>445 - Ornaments</b>								
Deposit	09/23/2018	126	ornaments sales	Ornament sale		10101 - Checki...	17.00	17.00
Deposit	10/18/2018		ornaments sales	ornament sale		10101 - Checki...	15.00	32.00
Total 445 - Ornaments							32.00	32.00
<b>447 - 120 PIN Project</b>								
General Journal	07/21/2018	CPA09		Mary Lee Phill...		10101 - Checki...	240.00	240.00
General Journal	07/21/2018	CPA09		Sonia Wiggins		10101 - Checki...	120.00	360.00
General Journal	07/21/2018	CPA09		Susan Bonura		10101 - Checki...	120.00	480.00
General Journal	07/21/2018	CPA09		Andrea Cumb...		10101 - Checki...	120.00	600.00
General Journal	07/21/2018	CPA09		Steve Finger		10101 - Checki...	120.00	720.00
Deposit	09/23/2018	843	Thurmont Lions Club	Julie EL-Tahe...		10101 - Checki...	120.00	840.00
Total 447 - 120 PIN Project							840.00	840.00
Total 43600 - Special Projects							872.00	872.00
<b>45000 - Lions Vision Days</b>								
<b>45410 - Lions Vision Days 22 A</b>								
Deposit	10/18/2018	1815	Severn River Lions	donation Serv...		10101 - Checki...	272.00	272.00
Total 45410 - Lions Vision Days 22 A							272.00	272.00
<b>45414 - Lions Vision Days 22 W</b>								
Deposit	10/18/2018	166	Longmeadow Lions ...	donation Lon...		10101 - Checki...	116.03	116.03
Deposit	10/18/2018	1699	Freedom District Lion	donation Free...		10101 - Checki...	500.00	616.03
Deposit	11/08/2018	1691	Smithsburg Lions Club	Deposit		10101 - Checki...	648.00	1,264.03
Deposit	11/08/2018	845	Matthew Duvall	Deposit		10101 - Checki...	20.00	1,284.03
Total 45414 - Lions Vision Days 22 W							1,284.03	1,284.03
Total 45000 - Lions Vision Days							1,556.03	1,556.03
<b>46000 - Fellowship Projects</b>								
<b>46414 - Fellowship Endowment 22 W</b>								
Deposit	09/04/2018	141	Lonaconing Lions Cl...	Endowment f...		10101 - Checki...	50.00	50.00
Deposit	09/23/2018	693	Timmons, Rodney	Rodney Timm...		10101 - Checki...	500.00	550.00
Total 46414 - Fellowship Endowment 22 W							550.00	550.00
<b>46452 - Patz Fellowship</b>								
Deposit	09/25/2018	2699	Havre De Grace Llo...	Arnall Patz		10101 - Checki...	500.00	500.00
Deposit	10/18/2018	3676	Thurmont Lions	donation Thur...		10101 - Checki...	813.96	1,313.96
Deposit	10/18/2018	108	Thurmont Lions Club	donation Thur...		10101 - Checki...	823.56	2,137.52
Total 46452 - Patz Fellowship							2,137.52	2,137.52
Total 46000 - Fellowship Projects							2,687.52	2,687.52
<b>48000 - Interest &amp; Investment earnings</b>								
<b>48100 - Interest Earned PNC checking</b>								
Deposit	10/03/2018		INTEREST	Deposit		10105 - Saving...	19.65	19.65
Total 48100 - Interest Earned PNC checking							19.65	19.65
<b>48200 - Interest Income PNC Savings</b>								
General Journal	07/31/2018	CPA10		July Interest S...		10105 - Saving...	1.40	1.40
Deposit	08/31/2018		INTEREST	August		10105 - Saving...	11.69	13.09
General Journal	10/31/2018	CPA31		October interest		10105 - Saving...	24.15	37.24
Total 48200 - Interest Income PNC Savings							37.24	37.24
Total 48000 - Interest & Investment earnings							56.89	56.89
Total Income							18,258.24	18,258.24
Gross Profit							18,258.24	18,258.24

Multiple District 22 Lions Vision Research Foundation, Inc.

Profit & Loss Detail


July 1 through November 16, 2018

11/12/18

Accrual Basis

Type	Date	Num	Name	Memo	Clr	Split	Amount	Balance
<b>Ordinary Income/Expense</b>								
<b>Income</b>								
<b>42000 · Honorariums</b>								
<b>42411 · Honorariums 22 B</b>								
Deposit	10/02/2018	5071	Greensboro Lions Cl...	DG Wayne C...		10101 · Checki...	50.00	50.00
Deposit	10/02/2018	2152	Fruitland Lions Club	DG Wayne C...		10101 · Checki...	100.00	150.00
Deposit	10/02/2018	1344	Conowingo Lions Club	DDG Wayne ...		10101 · Checki...	250.00	400.00
Total 42411 · Honorariums 22 B							400.00	400.00
Total 42000 · Honorariums							400.00	400.00
<b>43000 · Donations</b>								
<b>43110 · Club Donations 22 A</b>								
General Journal	08/22/2018	CPA19		Jarrettsville a...		10101 · Checki...	525.00	525.00
Deposit	10/01/2018	2007	Darlington Lions Club	Grant Station ...		10101 · Checki...	120.00	645.00
Deposit	11/12/2018	3090	Glenwood Lions Clu...	Change for C...		10101 · Checki...	297.80	942.80
Total 43110 · Club Donations 22 A							942.80	942.80
<b>43111 · Club Donations 22 B</b>								
Deposit	07/07/2018		Ocean City Lioness ...	Deposit		10101 · Checki...	500.00	500.00
Deposit	09/23/2018	1431	Queenstown Lions ...	Annual donatoin		10101 · Checki...	1,000.00	1,500.00
Total 43111 · Club Donations 22 B							1,500.00	1,500.00
<b>43112 · Club Donations 22 C</b>								
General Journal	08/22/2018	CPA19		Tacoma Park ...		10101 · Checki...	250.00	250.00
Total 43112 · Club Donations 22 C							250.00	250.00
<b>43113 · Club Donations 22 D</b>								
Deposit	07/07/2018		Fenwick Island Lion...	Deposit		10101 · Checki...	500.00	500.00
Total 43113 · Club Donations 22 D							500.00	500.00
<b>43114 · Club Donations 22 W</b>								
Deposit	07/01/2018		Mt. Airy Lions	Donation		10101 · Checki...	1,000.00	1,000.00
Deposit	08/17/2018	319	District 22-W	Cumberland L...		10101 · Checki...	200.00	1,200.00
Deposit	09/04/2018	283	Frostburg Lions Club	Annual Donati...		10101 · Checki...	200.00	1,400.00
Deposit	09/04/2018	2843	Flintstone Lions Club	Annual		10101 · Checki...	50.00	1,450.00
Deposit	09/04/2018	30300...	Grantsville Lions Club	Annual		10101 · Checki...	300.00	1,750.00
Deposit	09/04/2018	140	Lonaconing Lions Cl...	Annual		10101 · Checki...	750.00	2,500.00
Deposit	09/04/2018	770	North Branch Lions ...	Annual donati...		10101 · Checki...	50.00	2,550.00
Deposit	09/23/2018	259	Hancock Lioness Club	Hancock Lion...		10101 · Checki...	100.00	2,650.00
Deposit	09/23/2018		Gillett, Evan	FVDG Evan ...		10101 · Checki...	36.00	2,686.00
Deposit	09/23/2018	1847	New Market District ...	Annual donati...		10101 · Checki...	250.00	2,936.00
Deposit	09/23/2018	2453	Myersville Lions Club	Annual donati...		10101 · Checki...	300.00	3,236.00
Deposit	09/23/2018	2390	Libertyown-Unionvill...	Annual donati...		10101 · Checki...	500.00	3,736.00
Deposit	09/25/2018	2675	Mt. Savage Mason-...	Annual donati...		10101 · Checki...	225.00	3,961.00
Deposit	09/25/2018	1557	Frederick Lions Club	Annual donati...		10101 · Checki...	100.00	4,061.00
Deposit	10/01/2018	1744	Middletown Lions (2...	Annual to ope...		10101 · Checki...	500.00	4,561.00
Deposit	10/15/2018	4688	New Windsor Lions ...	donation		10101 · Checki...	400.00	4,961.00
Deposit	10/18/2018		LVRF	50 50 from di...		10101 · Checki...	77.00	5,038.00
Deposit	10/18/2018	1707	Union Bridge Lions ...	donation Unio...		10101 · Checki...	500.00	5,538.00
Deposit	10/18/2018	2479	Harney Lions	donation Harn...		10101 · Checki...	200.00	5,738.00
Deposit	10/18/2018	2645	Terra Rubra Lions	donation Terr...		10101 · Checki...	500.00	6,238.00
Deposit	10/18/2018	1908	Deer Park Lions	donation Deer...		10101 · Checki...	500.00	6,738.00
Deposit	10/18/2018	1802	South Carroll Liones...	donation S. C...		10101 · Checki...	500.00	7,238.00
Deposit	10/18/2018	1224	Roaring Run Lins	donation Roar...		10101 · Checki...	750.00	7,988.00
Deposit	11/08/2018	90032...	Williamsport Lions C...	Deposit		10101 · Checki...	500.00	8,488.00
Deposit	11/08/2018	3609	Taylorsville-Winfield ...	Deposit		10101 · Checki...	500.00	8,988.00
Total 43114 · Club Donations 22 W							8,988.00	8,988.00
<b>43120 · Non Lions Annual Giving</b>								
General Journal	07/21/2018	CPA09		American Ch...		10101 · Checki...	10.00	10.00
Deposit	08/13/2018	20000...	Anonyms	Network for g...		10101 · Checki...	165.00	175.00
Deposit	08/17/2018	20249...	District 22-W	Karalewitz birt...		10101 · Checki...	80.00	255.00
Total 43120 · Non Lions Annual Giving							255.00	255.00
Total 43000 · Donations							12,435.80	12,435.80
<b>43500 · Memorials</b>								
<b>43211 · Memorials District 22 B</b>								
General Journal	08/22/2018	CPA19		Charles Bau...		10101 · Checki...	100.00	100.00
Total 43211 · Memorials District 22 B							100.00	100.00



	<b>District Donation Report</b>				<b>LEGEND:</b>
	<b>'October 31, 2018</b>				<b>AP:</b>
					<b>IHO:</b>
					<b>IMO:</b>
<b>District</b>	<b>ClubName</b>	<b>Total</b>	<b>Annual</b>	<b>AP</b>	<b>IHO</b>
	Unknown Lions	255.00	255.00		
	<b>Total</b>	<b>255.00</b>	<b>255.00</b>	<b>0.00</b>	<b>0.00</b>

District	ClubName	Total	Annual	AP	IHO
A	Darlington Lions Club	120.00	120.00		
A	Havre De Grace Lions Club	500.00		500.00	
A	Jarrettsville Lions Club	525.00	525.00		
A	Severn River Lions Club	772.00			
	<b>Total</b>	<b>1,917.00</b>	<b>645.00</b>	<b>500.00</b>	<b>0.00</b>

District	ClubName	Total	Annual	AP	IHO
B	Cambridge Lions Club	100.00			
B	Conowingo Lions	250.00			250.00
B	Fruitland Lions Club	100.00			100.00
B	Greensboro Lions Club	50.00			50.00
B	Ocean City Lioness Club	500.00	500.00		
B	Queenstown Lions Club	1,000.00	1,000.00		
	<b>Total</b>	<b>2,000.00</b>	<b>1,500.00</b>	<b>0.00</b>	<b>400.00</b>

District	ClubName	Total	Annual	AP	IHO
C	Rockville Lions Club	120.00			
C	Suburban Lions Club	120.00			
C	Takoma Park Lions Club	250.00	250.00		
	<b>Total</b>	<b>490.00</b>	<b>250.00</b>	<b>0.00</b>	<b>0.00</b>

District	ClubName	Total	Annual	AP	IHO
D	Fenwick Island Lions Club	500.00	500.00		
D	Millsboro Lions Club	240.00			
	<b>Total</b>	<b>740.00</b>	<b>500.00</b>	<b>0.00</b>	<b>0.00</b>

District	ClubName	Total	Annual	AP	IHO
W	Cumberland Lions Club	200.00	200.00		

W	Deer Park Lions Club	500.00	500.00		
W	District 22W Other	127.00	77.00		
W	Flinstone Lions Club	50.00	50.00		
W	Francis Scott Key Lions Club	50.00			
W	Frederick Lions Club	100.00	100.00		
W	Freedom District Lions Club	500.00			
W	Frostburg Lions Club	200.00	200.00		
W	Grantsville Lions Club	300.00	300.00		
W	Hancock Lioness Lions Club	125.00	100.00		
W	Harney Lions Club	200.00	200.00		
W	LaVale Lions Club	120.00			
W	Libertytown - Unionville Lions Club	500.00	500.00		
W	Lonaconing Lions Club	800.00	750.00		
W	Longmeadow Lions Club	616.03			
W	Mason - Dixon Lions Club	225.00	225.00		
W	Middletown Lions Club	500.00	500.00		
W	Mount Airy Lions Club	1,000.00	1,000.00		
W	Myersville Lions Club	300.00	300.00		
W	New Market District Lions Club	250.00	250.00		
W	New Windsor Lions Club	400.00	400.00		
W	North Branch Lions Club	50.00	50.00		
W	Roaring Run Lions Club	786.00	786.00		
W	South Carroll Lioness Lions Club	620.00	500.00		
W	Terra Rubra Lions Club	500.00	500.00		
W	Thurmont Lions Club	1,757.52		1,637.52	
W	Union Bridge Lions Club	500.00	500.00		
	Total	11,276.55	7,988.00	1,637.52	0.00

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	Total	Annual	AP	IHO
Category Total	16,678.55	11,138.00	2,137.52	400.00

Operating Budget	15,628.55
Lions Fellow Endowment	550.00
LOVRNET	500.00

<b>Arnall Patz</b>	<b>LFEndow:</b>	<b>Lions Fellow</b>	<b>Endowment</b>	
<b>In Honor Of</b>				
<b>In Memory Of</b>	<b>VD:</b>	<b>Vision Days</b>		
<b>IMO</b>	<b>PIN</b>	<b>VD</b>	<b>LFEndow</b>	<b>LOVRNET</b>
0.00	0.00	0.00	0.00	0.00

<b>IMO</b>	<b>PIN</b>	<b>VD</b>	<b>LFEndow</b>	<b>LOVRNET</b>
		272.00		500.00
0.00	0.00	272.00	0.00	500.00

<b>IMO</b>	<b>PIN</b>	<b>VD</b>	<b>LFEndow</b>	<b>LOVRNET</b>
100.00				
100.00	0.00	0.00	0.00	0.00

<b>IMO</b>	<b>PIN</b>	<b>VD</b>	<b>LFEndow</b>	<b>LOVRNET</b>
	120.00			
	120.00			
0.00	240.00	0.00	0.00	0.00

<b>IMO</b>	<b>PIN</b>	<b>VD</b>	<b>LFEndow</b>	<b>LOVRNET</b>
	240.00			
0.00	240.00	0.00	0.00	0.00

<b>IMO</b>	<b>PIN</b>	<b>VD</b>	<b>LFEndow</b>	<b>LOVRNET</b>

50.00				
50.00				
		500.00		
25.00				
	120.00			
			50.00	
		116.03	500.00	
	120.00			
	120.00			
125.00	360.00	616.03	550.00	0.00

IMO	PIN	VD	LFEndow	LOVRNET
225.00	840.00	888.03	550.00	500.00

LVRF – Beyond Our Borders – Report 11/17/18 – Bob Muchow

The committee has checked on low vision rehabilitation services available in all of the counties in Pennsylvania, West Virginia and Virginia that border on Maryland, Delaware and Washington, DC. There are several organizations providing low vision rehabilitation in these counties.

It does not appear that low vision patients in these nearby states would need to come to MD 22 to obtain low vision rehabilitation.

It was suggested that LVRF seek funding support from Lions clubs and individuals in these nearby areas in other states. It seems unlikely that clubs and individuals would choose to donate funds to an organization in another state that their low vision patients probably would not benefit from. Also LVRF is an organization to which Lions in other states cannot belong, which would likely eliminate any desire to donate funds.

To: PDG Larry Burton

Subject: Lions Vision Report – November 17, 2018

The 2018 Fall issue was sent to the printer on October 21, 2018 and mailed to 6,661 recipients on November 2, 2017. This is 201 copies less than last year. 6,686 copies were ordered to allow for an overage of 25 for use as handouts at the “Roundup”.

The postage was estimated to be \$1,034; since the LVRF account had a balance of \$1.05, we deposited \$1,050 for the mailing.

In summary, the printer’s invoice for printing and other charges was \$1,772.05. Total cost was  $\$1,772.05 + \$1,034.00 = \$2,806.05$ , which is below the \$3,000 budgeted.

The electronic color version of Lions Vision was emailed to all listed in the LVRF roster book on October 29 and to all Cabinet Secretaries on November 5 with instructions to forward to clubs with further distribution to individual members. It has been posted on the LVRF web site.

Many thanks to all contributors; because of you we put out a well-received newsletter.

Next on the schedule is the Spring 2019 Lions Vision. The production time line for this issue will be announced at the January LVRF board meeting.

Yours in Service,

Lion Bill Strauss  
Lion Phyl Thompson

**LVRP Planned Giving Sub-Committee Report**  
**IPDG Susan Bonura**  
**17November2018**

The following potential grant sources have been identified using Grant Station. Key words are highlighted in yellow.

**Grants Promote Programs Empowering People with Disabilities**

[The Milbank Foundation - fdnweb.org/milbank](http://fdnweb.org/milbank)

The primary mission of the Milbank Foundation is to integrate people with disabilities into all aspects of American life. The Foundation's current priorities include the following: consumer-focused, **community-based initiatives that empower people with disabilities and foster independence and self-sufficiency**; the rehabilitation and re-integration of veterans, especially veterans with disabilities; **helping seniors to age in the place of their choice through non-institutional, community-based health and social services**; and market-oriented, patient-centered healthcare reforms across the country. Nonprofit organizations may submit letters of inquiry throughout the year. Visit the Foundation's website to review the grant guidelines and application procedures.

**Organizations Addressing Health Needs in Company Communities Supported**

[Kaiser Permanente Grants and Investments - https://share.kaiserpermanente.org/community-health/grants-investments/](https://share.kaiserpermanente.org/community-health/grants-investments/)

Kaiser Permanente provides support to nonprofit organizations that focus on community health in the locations the provider serves, including communities in California, Colorado, Georgia, Hawaii, Maryland, Oregon, Washington, Virginia, and Washington, DC. The funding priorities include the following: **Community Health Initiatives**, Safety Net Partnerships, and Subsidized Care and Coverage. It is particularly important for applying organizations to note how they will address social determinants of health and the elimination of health disparities and inequities. Applications may be submitted throughout the year. Visit the Kaiser Permanente website to complete the eligibility questionnaire and submit an online application.

**The BrightFocus Foundation** **funds research and provides public education to help eradicate brain and eye diseases**, including Alzheimer's disease, **macular degeneration, and glaucoma.**

<https://www.brightfocus.org/>

The Foundation offers a number of research awards and fellowship programs. Visit the Foundation's website for details.

22512 Gateway Center Drive, Clarksburg, MD 20871

[researchgrants@brightfocus.org](mailto:researchgrants@brightfocus.org)

800-437-2423, 301-258-9454 (fax)

Primary Contact: Kara Summers, Scientific Program Grants Manager,

[ksummers@brightfocus.org](mailto:ksummers@brightfocus.org)

Financial Information - Total Annual Giving: \$13,366,000

Eligible Applicants: Nonprofit organizations and individuals

Application Deadlines: Varies by program

**Fondation de France (Foundation of France)** supports projects meeting the needs of people facing problems caused by a rapidly changing society. While the majority of support is provided in France, several program areas support organizations internationally.

<https://www.fondationdefrance.org/en>

Program areas include the following: **Vulnerability and Insecurity**

Interests include: childhood and adolescence; **the elderly; people with disabilities**; employment; housing; prisons; local development; mental illness; and, humanizing medicine.

Research and innovation - Interests include: cancer; cardiovascular disease; Parkinson's disease; **eye diseases**; autism; serious illness; mental health; health and the environment; human sciences; and, other **medical research**.

Application Procedures: Application guidelines are available on the Foundation's website when calls for proposals are issued.

### **Carl Marshall Reeves and Mildred Almen Reeves Foundation**

The Carl Marshall Reeves and Mildred Almen Reeves Foundation primarily supports nonprofit organizations in Columbus, IN.

<http://www.carlandmildredreevesfoundation.org/>

The Foundation's areas of interest include: arts and culture; children and youth; civic affairs; education; health; and, social services. Types of support include: project support; matching grants; land/property acquisition; building funds; and, equipment. Funds may not be used for any overhead, indirect administrative costs, or endowment funds.

**Note: The Foundation also provides support to institutions throughout the U.S. for research into macular degeneration of the eyes.**

Application Procedures - Application guidelines and forms are available on the Foundation's website.

Geographic Scope - USA

Geographic Focus - Community grants focus on Columbus, IN. **Macular degeneration grants are provided throughout the U.S.**

Contact Information: 346 Harbor Bluff Drive, Fenton, MO 63026 - 7517

[manunn@carlandmildredreevesfoundation.org](mailto:manunn@carlandmildredreevesfoundation.org)

Primary Contact: Mary Ann Nunn, President and Treasurer, [nunnmaryann@gmail.com](mailto:nunnmaryann@gmail.com)

Financial Information - Total Annual Giving: \$324,000; Grant Range: \$2,900 - \$35,000;

Average Grant: \$25,000

Grant Details: Occasionally, larger grants are made.

Eligible Applicants: Nonprofit organizations

Restrictions: Endowment, General Operating Support

Application Deadlines - Community grants: May 15, annually

**Macular degeneration research: September 1, annually**





Multiple District 22  
Lions Vision Research Foundation  
**Aim for Sight**  
October 13, 2018



LVRF Supporter  
P.O. Box 123  
Anytown, MD 21643

The Lions Vision Research Foundation (LVRF) Aim for Sight Committee sends our sincere thanks to participants for your generous donation to the 2018 LVRF Aim for Sight fundraiser. It is only through donations like yours, whether it be a shooter, an ad in the program book, a Station Sponsor or purchasing or selling raffle tickets for the “Wagon of Wonders – formerly known as “Trunk of Treasures”, that we have been able to contribute an average of over \$10K a year for each of the nine (9) years that we have been conducting this event. This year we will contribute another \$10,200 to the Foundation. If you are a donor (ad or station sponsor) you will receive a letter of thanks from LVRF following the LVRF Rally on November 17<sup>th</sup> and your donation will be added to your LVRF Donor Recognition Account. This letter will also list our tax exempt number for tax purposes. The Wagon of Wonders winner was Lion Paulette Brotemarkle of the Mason Dixon Lions Club (22W).

This year the event began on a cool grey October morning with a little liquid sunshine (aka rain) present. By the time the first team entered the course, about 8:30 am, there was only a light drizzle which did not dampen the spirits of our shooters. Many pigeons were slaughtered during the next couple of hours, clay ones of course. A look at the scorecards reveal that many of these birds survived the shotgun blast but their demise came as a result of striking the ground. We congratulate all participants whether they scored fifty or zero out of fifty shots. They are all equally important to us and to the success of this event.

As the participants came off the course a box lunch prepared by the Denton Lions Club and delivered by Lion Dink Scurto was available. The lunch consisted of half a chicken, Cole slaw, potato salad and a dinner roll. Sodas and water were available. Thanks to the Denton Lions Club for this service which they have provided for each of the nine events.

After all participants turned in their scorecards Awards were presented to the top scorers. A big thank you goes out to PCC Clyde Bragg and Lion Carol Schoonover for their assistance during the event. Lion Carol was everywhere, helping set up the prizes for the shooters, arranging the “Wagon of Wonders” display and, assisted by Ann Reiver, arranging the luncheon display. PCC Clyde paid to be a shooter then sacrificed that opportunity to drive a shuttle cart throughout this event. He arrived early and sold Wagon tickets until he had to begin his shuttle duties. Thanks to all those donating items for the Wagon of Wonders and shooting prizes, especially PCC Clyde Bragg, DG Wayne and Lion Terry Cole, Ron Loffler owner of Danny’s Auto Body in Federalsburg, Suicide Bridge Restaurant, Hurlock, PCC Dave Studley, PDG Susan Timmons and others.

Thanks

PDG Dal Mann, LVRF Aim for Sight Chair

**2018 LVRF Aim for Sight  
Accounting Summary**

<b>Income</b>			
Total Shooters			\$4,820.00
Sponsors			\$5,725.00
Program Ads			\$2,344.00
Wagon of Wonders			\$2,249.05
<b>Total Income</b>			<b>\$15,138.05</b>

<b>Expenditures</b>	<b>Details</b>		<b>Amount</b>
Shooters - 67 @ \$32.50	\$2,178		
Trappers - 12 @ \$50	\$600		
Guns - 11 @ \$20	\$220		
Gun Shells - 139 @ \$7.50	\$1,043		
Check to Schraders			\$3,690.00
Shooters paid by Credit card			\$350.00
Carts	2 Shuttle Carts		\$221.00
Lunches	75 @ 8,50		\$637.50
Coffee & Donuts \$60	Donation by John Lawrence		
Printing \$100	Donation by Dal Mann		
<b>Total Expenditures</b>			<b>\$4,898.50</b>

Income Less Expenditures			\$10,239.55
Initial Balance			\$20.00
<b>Bank Balance</b>			<b>\$10,259.55</b>
Check to VRF			\$10,200.00
<b>Final Bank Balance</b>			<b>\$59.55</b>