Thursday, July 8th 10:00-11:30 am PDT
E2: The Retinal Role in The Brain Connectome, Retinal Neuromodulation

Chair: Christopher Tyler (Professor, Smith-Kettlewell Eye Research Institute, San Francisco, CA USA)

10:00-10:15 am (JHU CME): Dr. Heather Heitkotter
Researcher at Medical College of Wisconsin, Milwaukee, WI, USA
Email: hheitkotter@mcw.edu

Multimodal assessment of photoreceptor structure and function in traumatic brain injury

10:15-10:30 am (JHU CME): Dr. Delia Cabrera
Bascom Palmer Eye Institute, Miami, FL USA
Email: dcabrera2@med.miami.edu

Seeing the Brain Through the Eye: 21st Century Neuroimaging Applications

10:45-11:00 am: Dr. Natasha Johnson
Private Practice, Austin, Texas, USA
Email: natasj45@gmail.com

Ataxia and Retinal Processing

10:45-11:00 am (JHU CME): Dr. Suraj Upadhyaya
Assistant Professor at Midwestern College of Optometry, Downers Grove, IL USA
Email: supadh@midwestern.edu

Optometric Research at a Cellular Level

11:00-11:15 am: Dr. Vasillis Kokotos
Optometrist and Professional Consultant, S.A. Bairamoglou S.A. Aston University
Email: bkoptom@gmail.com

Using Near Infrared Light to Image Brain Tissue: The Golden Optical Window

11:15-11:30 am: Session Discussion
Thursday, July 8th  
THE RETINA’S ROLE in THE BRAIN CONNECTOME
1:30-3:00 pm PDT

E5: Cerebral vs. Ocular Blood Flow

Chair: Christopher Tyler (Professor, Smith-Kettlewell Eye Research Institute, San Francisco, CA)

1:30-1:45 pm: Dr. Allaudin Bhuiyan
Associate Professor at Icahn School of Medicine at Mount Sinai, Icahn School of Medicine at Mount Sinai, University of Melbourne, New York, USA
Email: alauddin.bhuiyan@gmail.com

Stroke Predication from Retinal Blood Vessels

1:45-2:00 pm: Dr. Konstantin Kotliar
Department of Engineering and Technomathematics
Email: kotliar@fh-aachen.de

Neurovascular Coupling

2:00-2:15 pm: Dr. Christopher W.Tyler
Smith-Kettlewell Eye Research Institute, San Francisco, CA USA
Email: cwt@ski.org

Mechanisms of Hypersensitivity to Light in Traumatic Brain Injury

2:15-2:30 pm (JHU CME): Dr. Shannon Mandel
Private Practice, Seattle, WA, USA
Email: shannonmandel@gmail.com

The Pivotal Effect of Eyeglasses on Heart Rate Stability

2:30-2:45 pm: Dr. Deborah Zelinsky,
O.D. Founder, Mind-Eye Institute, Northbrook, IL USA
Email: mindeyeconnection@gmail.com

Post Illumination Pupil Response (PIPR)

2:45-3:00 pm: Session Discussion
Thursday, July 8th  THE RETINA’S ROLE in THE BRAIN CONNECTOME
3:30-5:00 pm PDT
E8: Electrical Signaling Pathway

3:30-3:45 pm: Dr. Gianluca Lazzi
University of Southern California, Roski Eye Institute, CA
Email: lazzi@usc.edu
Effects of Electromagnetic Fields on Eye and Brain

3:45-4:00 pm: Dr. Anat Galor
Optometrist, Bascom Palmer Eye Institute, Miami, FL USA
Email: agalor@med.miami.edu
Photosensitivity: Is it Modifiable?

4:00-4:15 pm: Dr. Eric Moulton
Assistant Professor of Anesthesia and Ophthalmology, Director | Brain and Eye Pain Imaging Lab | Department of Anesthesiology, Critical Care & Pain Medicine, Co-Director | Pain and Affective Neuroscience Center | Department of Anesthesiology, Critical Care & Pain Medicine, Boston Children’s Hospital, Harvard Medical School
Email: Eric.Moulton@childrens.harvard.edu
Photosensitivity: Is it Modifiable? (part 2)

4:15-4:30 pm (JHU CME): Dr. Lingyan Shi
Assistant professor at University of San Diego, CA USA
Email: Lingyanshi@ucsd.edu
Using Near Infrared Light to Image Brain Tissue: The Golden Optical Window

4:30-4:45 pm: Dr. Mariela C. Aguilar
Director of Research Operations, Bascom Palmer Eye Institute, Miami, FL USA
Email: maguilar1@med.miami.edu
Quantifying Photosensitivity in Healthy and Light Sensitive Subjects

4:45-5:00 pm: Session Discussion
Friday, July 9th  ROLE of RETINAL PROCESSING in MENTAL HEALTH
10:00-11:30 am PDT

A6: Role of Optometry in Brain and Mental Fitness

Chair: Delia Cabrera DeBuc Ph.D., Bascom Palmer Eye Institute, Miami, FL USA

10:00-10:15 pm (JHU CME): Michael Flomenhaft, Esquire
Founder, Flomenhaft Law Office for Brain Justice, New York, NY, USA
Email: mflomenhaft@brainjusticeny.com

Brain Injury from a Legal Point of View, Linking Neuroscience, Concussion and Chronic Pain

10:15-10:30 pm: Dr. Robert Wilson
Emergency Medicine Physician, US Air Force Base
Email: docwilson58@gmail.com

PTSD in Veterans

10:30-10:45 pm: Dr. Gloria Gilbert
The Downtown Clinic, Physiotherapy & Health Counseling
Email: info@dontgototheouch.com

Persistent Pain Symptoms May Mask the Effects of a Brain Injury

10:45-11:00 pm: Dr. Sandra Groeitz
Chaplain, Consultant for Veterans
Email: sandie_rhapsodyinblue@hotmail.com

Veterans’ Need for Spiritual Counseling

11:00-11:15 pm: Dr. Andrea Adams-Miller
Executive Director of the Keep Smiling Movement, The Red-Carpet Connection, Findlay, OH USA
Email: andreaadamsmiller@theredcarpetconnection.com

Biopsychosocial Effects of a Smile

11:15-11:30 pm: Session Discussion
Friday, July 9th  ROLE of RETINAL PROCESSING in MENTAL HEALTH
1:30-3:00 pm PDT

A19: Relationship between External Eyesight and Internal Visualization

1:30-1:45 pm: Dr. Monica Gori
Instituto Italiano di Tenologia – VIP Unit for Visually Impaired People, Faculty Member, Genua, Italy
Email: monica.gori@iit.it

Linking Auditory and Visual Inputs

1:45-2:00 pm: Dr. Melanie Woodhouse
Eye Four Eye Manly, Sydney, Australia
Email: melwoody@hotmail.com

Case Study in Spatial Awareness

2:00-2:15 pm: Barbara Arrowsmith-Young
Founder, Arrowsmith Program (Brainex)
Email: BYoung@arrowsmithprogram.ca

Principles that Drive Neuroplastic Change

2:15 – 2:30 pm: Dr. Robert Buck
Psychotherapist/Inventor and President of NeuView Glasses
Email: rbuck@neuvviewglasses.com

Visual Processing in Anxiety and Depression

2:30 – 2:45 pm: Dr. Charles Spence
Professor of Experimental Psychology and Director, Crossmodal Research Laboratory, Oxford, England, UK
Email: charles.spence@psy.ox.ac.uk

Sensory Integration

2:45-3:00 pm: Session Discussion
Friday, July 9th: ROLE of RETINAL PROCESSING in MENTAL HEALTH
3:30-5:00pm PDT

A31: Influence of Systemic Considerations on Visual Processing

Chair: Delia Cabrera DeBuc Ph.D., Bascom Palmer Eye Institute, Miami, FL USA

3:30-3:45 pm: Dr. Lorene Wu
Director Whole Life Center, LaGrange Park, IL USA
Email: drwu@thewholelifecenter.com

Changes in Visual Awareness due to Depression and Anxiety

3:45-4:00 pm: Dr. Delia Cabrera DeBuc
Bascom Palmer Eye Institute, Miami, FL USA
Email: dcabrera2@med.miami.edu

The Effect of Alzheimer's Disease on Visual Processing

4:00-4:15 pm: Dr. Leighton Reynolds
Private Practice – Neuropsychoanalyst, with emphasis on Brain Injuries in Athletes
Email: leightonj@sbcglobal.net

Listening to the Brain: Complex Healing of Traumatic Brain Injuries

4:15-4:30 pm: Dr. Erin McCarthy
Cystinosis Foundation
Email: erinkmccarthy33@mail.com

Effects of Cystinosis on the Eye and Implications in Everyday Life

4:30-4:45 pm: Betsy Pilon
Executive Director, Hope for HIE (Hypoxic Ischemic Encephalopathy)
Email: betsy@hopeforhie.org

Visual Effects from Hypoxia at Birth

4:45-5:00 pm: Session Discussion
B44: The Importance of Movement

Chair: Deborah Zelinsky, Founder, Mind-Eye Institute, Northbrook, IL USA

10:00-10:15 am: Dr. Shane Steadman
Owner at Integrated Brain Centers
Email: drsteadman@integratedhealthdenver.com

Posture Shifts Affect Visual Perception

10:15-10:30 am: Dr. Eyetan Lerner
Independent Practitioner of Anat Baniel Method, Canada
Email: eyetan.lerner@gmail.com

The Effects of Neck and Spinal Stress on Spatial Awareness

10:30-10:45 am: Dr. Matthew Wilkinson
Independent Practitioner of Anat Baniel Method, Denver Area
Email: info.movingcenter@gmail.com

The Effects of Neck and Spinal Stress on Spatial Awareness (part 2)

10:45-11:00 am: Dr. Andrea Hennen
Independent Practitioner of Anat Baniel Method, Greater Denver Area
Email: info.movingcenter@gmail.com

The Effects of Neck and Spinal Stress on Spatial Awareness (part 3)

11:00-11:15 am: Dr. Gabriel Altman
Co-Founder Kinetix 365, Beverly Hills, CA USA
Email: gabriel@gabrielaltman.com

The Importance of Movement During Recovery from Brain Injury

11:15-11:30 am: Session Discussion
Saturday, July 10th  EFFECTS of SYSTEMIC DISEASE on RETINAL PROCESSING  1:00-2:30 pm PDT

B57: The Importance of Vasculature to Brain Function

Chair: Deborah Zelinsky, Founder, Mind-Eye Institute, Northbrook, IL USA

1:00-1:15 pm: Dr. Marsh Konigs  
Assistant Professor, Neuroscience Emma Children's Hospital at Amsterdam University Medical Center  
Email: m.konigs@amsterdamumc.nl

The Impact of Disease on the Pediatric Brain

1:15-1:30 pm: Dr. Albert Mensah  
Co-founder, Mensah Medical, USA  
Email: amensah@mensahmedical.com

Blood Pressure and Eye/Ear Connectome

1:30-1:45 pm: Dr. Glenn Egelman  
Medical Director, TRICARE for the Defense, Washington, D.C. USA  
Email: glennegelman@yahoo.com

Visual Linkages to Heart Regulation

1:45-2:00 pm: Adina Gutstein  
Medical Science Liaison at Amryt Pharma. US Medical Affairs  
Email: adina.gutstein@cmp@gmail.com

Session Title: Cardiac Changes Affecting Visual Processing

2:00-2:15 pm: Claudia Mason  
fashion model, spokesperson for American Stroke Association (ASA)  
Email: info@claudiamason.com

Vertebral Artery Dissection

2:15 – 2:30 pm: Session Discussion
Saturday, July 10th  EFFECTS of SYSTEMIC DISEASE on RETINAL PROCESSING
3:00-4:30 pm PDT

B70: Changes in Retinal Processing due to Stress

Chair: Deborah Zelinsky, Founder, Mind-Eye Institute, Northbrook, IL USA

3:00-3:15 pm: Dr. Mark Allen
Co-Founder and Director of Research at Cognitive FX, Provo, UT, USA
Email: info@cognitivefxusa.com

The Retina as an Interface to the Autonomic Nervous System

3:15-3:30 pm: Dr. Matthew Antonucci
Co-Founder and Chief Clinical Officer Plasticity Brain Center, Orlando, FL, USA
Email: info@drantonucci.com

Brain Plasticity and Visual Processing

3:30-3:45 pm: The Late Edward Wittert
Psychologist, Private Practice, Chicago, IL USA (posthumously presented by Jonathan Hall, O.D.)
Email: jonathan.hall.od@gmail.com

An Investigation of the Effects of Experimentally Induced Stress Upon Figure Rotations

3:45-4:00 pm: Dr. Glenn Egelman
Medical Director, TRICARE for the Defense Health Agency (DHA), Washington, D.C. USA
Email: glennegelman@yahoo.com

How Eye Care in Veterans with TBIs can Affect Endocrine Functions

4:00-4:15 pm: Dr. Clark Elliott
Associate Professor of Artificial Intelligence and Cognitive Science, DePaul University
Email: elliott@depaul.edu

Retinal Processing’s Effect on Decision Making

4:15-4:30 pm: Session Discussion
Sunday, July 11th  FUTURE ROLES for EYECARE in the HEALTHCARE INDUSTRY
10:00-11:30 am PDT

C83: Neuroendocrine Aspects of Visual Processing

10:15-10:30 am: Dr. Vasiliis Kokotas
Optometrist & Professional Consultant, S.A. Bairamoglou S.A. Aston University, Athens, Greece
Email: bkoptom@gmail.com

Retinoscopy: A useful tool for accessing the efferent retinal pathways

10:30-10:45 am: Dr. Gerry Hsu
Founder Eclairemd, San Francisco, CA, USA
Email: g.hsu@eclairemd.com

A mathematical viewpoint of brain function

10:45-11:00 am: Dr. Gabor Mark Somfai
Senior Consultant and Spross Research Fellow City Hospital Triemli in Zürich, Switzerland
Email: somfaigm@yahoo.com

The Role of Thyroid Hormone Levels in Early Diabetic Retinal Changes in Diabetes

11:00-11:15 am: Dr. Michal Schneider Beeri
Professor of Psychiatry, Mount Sinai, NY, NY USA
Email: michal.berri@mssm.edu

Blood Sugar and Retinal Function

11:15-11:30 am: Session Discussion
Sunday, July 11th  FUTURE ROLES for EYECARE in HEALTHCARE
1:00-2:30 pm PDT

C96: Impact of Stable Visual Skills on Quality of Life

Chair: Dr. Amy Pruszenski Visual Victory Training Center, Portsmouth, NH, USA

1:00-1:15 pm: Debra Grossman
Executive Director of Blind Services Association, Chicago, IL USA
Email: dgrossman@blindserviceassociation.org

Updated Help for Quality of Life for the Legally Blind Population

1:15-1:30 pm: Dr. Clark Elliott
Professor of Artificial Intelligence/Cognitive Science, Chicago IL
Email: elliott@depaul.edu

A Follow-up on The Ghost in My Brain: Readers from Around the World

1:30-1:45 pm (JHU CME): Dr. Nancy Major
Central Coast Vision and Learning Paso Robles, CA USA
Email: nrgmajor@gmail.com

Patient Mood & Confidence Affected by Disrupted Visual Skills

1:45-2:00 pm: Dr. Doug Major
Central Coast Vision and Learning Paso Robles, CA USA
Email: dlmajor@charter.net

Plasticity of Visual Perceptual Systems

2:00 – 2:15 pm (JHU CME): Dr. Jenny Garbus
Neuro Vision Rehabilitation Institute Valencia, CA USA
Email: cjgarbus@gmail.com

Impact of Optometry on Brain Function after a TBI

2:15-2:30 pm: Session Discussion
Sunday, July 11th  FUTURE ROLES for EYECARE in HEALTHCARE
3:00-4:30 pm PDT

C109: Updating the 150 year old Eye Examination

Chair: Dr. Amy Pruszenski Visual Victory Training Center, Portsmouth, NH, USA

3:30-3:45 pm: Dr. Mark Dean
Grand Strand Vision, Myrtle Beach, South Carolina, USA
Email: drmtdean@gmail.com

Adaptation to Spatial Distortions

3:45-4:00 pm (JHU CME): Dr. Derek Tong
Center for Vision Development, California USA
Email: odtong@yahoo.com

Visual Testing in the 21st Century

4:00-4:15 pm (JHU CME): Dr. DeAnn Fitzgerald
President of the Neuro-Optometric Rehabilitation Association (NORA) Fitzgerald and Associates, Iowa, USA
Email: drfitz4eyes@hotmail.com

The Eye: Window to the Mind and Body

4:15-4:30 pm (JHU CME): Dr. Fabian Tai
Dr. Fabian Tai&Associates, Optometrist&Vision Therapy, Canada
Email: info@drfabiantai.com

Effects of Optometric Dysfunction on Quality of Life

4:30-4:45 pm (JHU CME): Dr. Amy Pruszenski
Vision Therapy Specialist, Visual Victory Training, Portsmouth, NH, USA
Email: harbordoc@aol.com

The Need for Neuro-Optometry during TBI Rehab

4:45-5:00 pm Session Discussion