

## NICOLE KATHRYN SCRIPSEMA, M.D.

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### EDUCATION

**New York Medical College** 08/2009 – 05/2013  
Doctor of Medicine

**Alma Mater Studiorum Università di Bologna** 01/2009 – 05/2009  
International Student in Scuola di Lettere e Beni Culturali (*Dept. of Arts & Humanities*)

**The University of Michigan** 09/2004 – 05/2009  
Bachelor of Science  
Dual Concentrations in Neuroscience & Italian; Minor in Biochemistry

### POSTGRADUATE TRAINING

**Illinois Eye and Ear Infirmary** (University of Illinois at Chicago Department of Ophthalmology)  
Vitreoretinal Surgery Fellowship 7/2018 – 7/2020

**Moorfields Eye Hospital NHS Foundation Trust** 8/2017 – 6/2018  
Medical Retina and Uveitis Fellowship

**The New York Eye and Ear Infirmary of Mount Sinai** 7/2014 – 6/2017  
Ophthalmology Residency

**Steward Carney Hospital** 6/2013 – 6/2014  
Transitional Internship

### MEDICAL LICENSURE AND CERTIFICATION:

Board Certified Ophthalmologist 2019 – 2029  
Illinois State License No: 036.145909 5/2018 – 7/2020  
UK License (General Medical Council) No: 7471245 7/2017 – 7/2018  
New York State License No: 275555 6/2014 – 2/2020

### PROFESSIONAL MEMBERSHIPS

Chicago Ophthalmological Society 2018-Present  
Women in Ophthalmology 2016-Present  
American Academy of Ophthalmology 2014-Present  
Association for Research in Vision and Ophthalmology 2010-Present  
American Society of Cataract and Refractive Surgery 2014-2017  
New York State Ophthalmological Society 2014-2017

**LANGUAGES** Fluent in Italian, proficient in medical Spanish

### COMMUNITY SERVICE

NYEEI-MS Community Screening Program 2014-2017  
Student Sight Savers Program, NYMC Chapter 2009-2013  
La Casita de la Salud NYMC student-run free clinic in East Harlem 2009-2010  
Unite for Sight, NYMC Chapter 2009-2010

## HONORS AND AWARDS

NEI/NIH Travel Award, 2019 Advances in Pediatric Retina Course	2019
NYEEI-MS Louis J. Girard, M.D. Award for Ophthalmic Resident Research (\$1,000) <i>(Awarded to the senior resident with the greatest achievements in research)</i>	2017
NYEEI-MS 21 <sup>st</sup> Annual Resident and Fellow Research Day <b>Winner</b>	2017
The New York Academy of Medicine Ophthalmology Residents' Night, <b>2<sup>nd</sup> Place Prize</b>	2017
WIO Summer Symposium Joanne Angle Poster of Distinction Award ( <b>Best Poster Award</b> )	2016
10 <sup>th</sup> Annual Heed Ophthalmic Foundation Resident's Retreat Attendee	2015
Mount Sinai Consortium for GME 6 <sup>th</sup> Annual Resident & Fellow Research Day, <b>Winner</b>	2015
NYEEI-MS 19 <sup>th</sup> Annual Resident and Fellow Research Day <b>Winner</b>	2015
NYMC Senior Academic Scholarship Recipient (\$20,000)	2013
National Eye Institute/NIH Travel Grant Recipient (\$4,000)	ARVO 2011
NYMC Medical Student Research Forum <b>Winner</b> (\$1,000)	2011
NYMC Summer Research Fellowship Grant Recipient (\$4,000)	2010
U of M Romance Language & Literature Achievement Award ( <i>For Achievements Abroad</i> )	2009
Order of Omega ( <i>Pan-Hellenic Academic Honor Society</i> )	2007-2009
U of M University Honors ( <i>Dean's List</i> )	2005-2008

## LEADERSHIP EXPERIENCE

<b>Co-Coordinator</b> , Moorfields Eye Hospital Medicine for Eye Disease (M.E.D.) Course	2017-2018
NYEEI Curriculum Committee	2014-2016
Carney Hospital GME Committee	2013-2014
Carney Hospital Liaison Committee	2013-2014
<b>Program Director</b> , Student Sight Savers Program	2010-2011
NYMC First-Year Orientation Committee	Summer 2010
NYMC Student Senate	2009-2013
<b>Coordinator</b> , NYMC Office of Admissions Tour Guides	2009-2011
<b>Executive Board</b> , Unite for Sight NYMC Chapter	2009-2010

## RESEARCH AND TEACHING EXPERIENCE

Retinal Imaging Resident Research	New York, NY
NYEEI-MS Retina Center, Einhorn Clinical Research Center	2014-2017
Retinal Photographer and Research Intern	New York, NY
NYEEI-MS Retina Center, Einhorn Clinical Research Center	2010-2013
Retinal Photographer and Fluorescein Angiographer	Valhalla, NY
Westchester Medical Center Eye Clinic	2009-2011
Study Coordinator, Ophthalmic Technician, and Vision Therapy Assistant	Ann Arbor, MI
Bennett Optometry	2006-2008
Biochemistry Study Group Leader	Ann Arbor, MI
University of Michigan Science Learning Center	2008
Teaching Assistant, Introduction to Biochemistry	Ann Arbor, MI
University of Michigan Dept. of Molecular Biology	2007

## CURRENT RESEARCH PROJECTS

Rates and Factors Contributing to Postoperative Vitreous Hemorrhage after Diabetic Vitrectomy in patients with Renal Failure on Hemodialysis

Retinal Vascular Changes after ERM and ILM Peeling Measured with OCT Angiography

OCT Angiography in the Clinical Management of Atypical Choroidal Neovascular Membranes

Inner Retinal Fenestrations for Paediatric Optic Disc Pit Maculopathy

Optimising the Patient Pathway for Idiopathic Acute Anterior Uveitis from Accident and Emergency

Clinical Utility of Fluorescein Angiography in the Advancing Field of Noninvasive Imaging Modalities

iTeleGEN: Development of a Web-Based Diabetic Retinopathy Education Module

## PUBLICATIONS

*Pending Submission to the British Journal of Ophthalmology:* **Scripsema NK**, Natkunarajan M, Kang S, Pai A, Van Bol LB, Okhravi N. Optimising the Patient Pathway for Idiopathic Acute Anterior Uveitis from Accident and Emergency.

*Pending Submission to the American Journal of Ophthalmology::* **Scripsema NK**, Wong SC. Inner Retinal Fenestrations for Paediatric Optic Disc Pit Maculopathy.

*Under Revision with Acta Ophthalmologica:* **Scripsema NK**, Ocran C, Whitten P, Garcia PM, Nesmith BL, Rosen RB. Oxygen Saturation Differences Between Retinal Vessels in Proliferation in Diabetic Retinopathy.

*Submitted to the Journal of Glaucoma:* Tsui E, Zahid S, Mehta N, Chiu B, **Scripsema NK**, Bhardwaj S, Young E, Ishikawa H, Panarelli JF, Sidoti PA, Rosen RB, Garcia PM, Young JA. Fractal Analysis of the Peripapillary Vasculature in Glaucomatous Eyes using Optical Coherence Tomography Angiography.

*Submitted to the Journal of Neuro-Ophthalmology:* Fell D, Raouf SM, **Scripsema NK**, Lopresto C, Garcia PM, Dave SB, Banik R. Optic Disc and Peripapillary Retinal Perfused Vessel Density in Mild to Moderate Papilledema: A Study Using Optical Coherence Tomography Angiography.

**Scripsema NK**, Finger PT. 27-Gauge Microincision Biopsy Technique for Tumors of the Iris and Ciliary Body. Russian Ophthalmological Journal. 2018;11(3):43-48.

Krawitz B, Mo S, Geyman L, Agemy SA, **Scripsema NK**, Garcia PM, Chui TYP, Rosen RB. Acircularity Index and Axis Ratio of the Foveal Avascular Zone in Diabetic Eyes and Healthy Controls Measured by Optical Coherence Tomography Angiography. Vision Res. 2017 Oct;139:177-186.

**Scripsema NK**, Garcia PM, Bavier RD, Chui TYP, Krawitz BD, Mo S, Agemy SA, Xu L, Lin YB, Chui T, Panarelli JF, Sidoti PA, Tsai JC, Rosen RB. Optical Coherence Tomography Angiography Analysis of Perfused Peripapillary Capillaries in Primary Open-Angle Glaucoma and Normal-Tension Glaucoma. Invest Ophthalmol Vis Sci. 2016. Jul1;57(9): OCT611-OCT620.

## PUBLICATIONS (CONTINUED)

**Scripsema NK**, Hu DN, Rosen RB. Lutein, Zeaxanthin, and *meso*-Zeaxanthin in the Clinical Management of Eye Disease. *Journal of Ophthalmology* (2015) Article ID 865179.

**Scripsema NK**, Sharifi E, Samson CM, Kedhar S, Rosen RB. Chikungunya-Associated Uveitis and Exudative Retinal Detachment: A Case Report. *Retin Cases Brief Rep*. 2015 Fall;9(4):352-6.

Agemy SA, **Scripsema NK**, Shah CM, Chui T, Garcia PM, Lee JG, Gentile RC, Hsiao Y, Zhou Q, Ko T, Rosen RB. Retinal Vascular Perfusion Density Mapping Using Optical Coherence Tomography Angiography in Normal and Diabetic Retinopathy Patients. *Retina* 2015 Nov;35(11):2353-63.

**Scripsema NK**, Banik R. Pseudotumor Cerebri and Chiari Malformation. The Neuro-Ophthalmology Virtual Education Library [NOVEL]. Published August 13, 2015. Available at: <http://content.lib.utah.edu/cdm/ref/collection/EHSL-NOVEL/id/2278>.

Joshi D, Kao A, Nayak N, Nightingale A, **Scripsema N**, Gupta A. Review of "Pathological Evidence of Pseudoexfoliation in Cases of in-the-bag Intraocular Lens Subluxation or Dislocation" *Eyeworld Magazine*, May 2015:62-63.

**Scripsema NK**, Rosen RB. Scanning Laser Ophthalmoscope in the Management of Age-Related Macular Degeneration. *US Ophthalmic Review*, 2012;5(2):111-118.

## PRESENTATIONS

*Inner Retinal Fenestration for Pediatric Optic Disc Pit Maculopathy.*

**ASRS Annual Meeting 2019**, July 29, 2019

McCormick Place, Chicago, IL

Acute Macular Neuroretinopathy – A Case Presentation

Midwest Ophthalmic Angiography Conference, Wednesday, July 10, 2019

Four Seasons Resort, Teton Village, WY

*Choroidal Hemangioma – A Case Presentation & Review*

Midwest Ophthalmic Angiography Conference, Wednesday, July 10, 2019

Four Seasons Resort, Teton Village, WY

*Endocapsular Hematoma Secondary to Retinal Vascular Disease*

Midwest Ophthalmic Angiography Conference, Tuesday, July 9, 2019

Four Seasons Resort, Teton Village, WY

*A Case of Nyctalopia – Inherited or Acquired?*

Midwest Ophthalmic Angiography Conference, Monday, July 8, 2019

Four Seasons Resort, Teton Village, WY

*Inner Retinal Fenestration for Pediatric Optic Disc Pit Maculopathy.*

2019 Advanced in Pediatric Retina Course, June 15, 2019

University of Utah Alumni House, Salt Lake City, UT

## PRESENTATIONS (CONTINUED)

*Missing the Forest for the Trees: A Case of Batten's Disease.*

The Medicine for Eye Disease (M.E.D.) Course II, June 19-20, 2018.

Moorfields Eye Hospital, London, United Kingdom

*Microincision, 27-gauge Aspiration Cutter-assisted Multifocal Iris Biopsy for Melanoma.*

21<sup>ST</sup> Annual Resident & Fellow Research Day, June 16, 2017

The New York Eye and Ear Infirmary of Mount Sinai, New York, NY

*Optical Coherence Tomography Angiography Analysis of Perfused Peripapillary Capillaries in Glaucoma.*

The New York Academy of Medicine: Ophthalmology Resident's Night, May 22, 2017

New York Academy of Medicine, New York, NY

*Anterior Chamber Washout After Trauma Complicated by Sequelae of ROP.*

ASCRS Film Festival, May 8, 2017

ASCRS/ASOA Symposium & Congress, Los Angeles, CA

*Surgical Management of a Cataract Extraction in a Uveitis Patient Complicated by Intraoperative Miosis.*

Annual Spring NYEEI-MS Resident Cataract Night, April 19, 2016

The New York Eye and Ear Infirmary of Mount Sinai, New York, NY

*Microincision, 27-gauge Aspiration Cutter-assisted Multifocal Iris Biopsy for Melanoma.*

**18<sup>th</sup> International Society of Ocular Oncology (ISOO) Biennial Conference**, March 25, 2017

International Convention Centre, Sydney, Australia

*Surgical Management of Zonular Dehiscence During Cataract Extraction in a Vitrectomized Eye.*

Annual Spring NYEEI Resident Cataract Night, November 2, 2016

The New York Eye and Ear Infirmary of Mount Sinai, New York, NY

*Screwdriver to the Eye: Repair of Retinal Incarceration with Silicone Oil Retention Sutures.*

**Alcon Retina Exchange Film Festival** at AAO 2016, Saturday, October 15, 2016

Chicago Stock Exchange and Trading Room, Chicago, IL

*Managing Postoperative Astigmatism after Toric Intraocular Lens Insertion.*

NYEEI-MS 1<sup>st</sup> Annual Transformational Ophthalmology Course, September 23, 2016

The New York Eye and Ear Infirmary of Mount Sinai, New York, NY

*OCTA Perfusion Density Analysis of the Radial Peripapillary Vasculature in Primary Open*

*Angle Glaucoma, Normal-Tension Glaucoma, and Normal Patients.*

20<sup>th</sup> Annual Resident & Fellow Research Day, June 10, 2016

The New York Eye and Ear Infirmary of Mount Sinai, New York, NY

*Optical Coherence Tomography Angiography in Glaucoma and Diabetic Retinopathy.*

Women in Retina Luncheon, May 1, 2016

Association for Research in Vision and Ophthalmology Annual Meeting, Seattle, WA

*Retinal Oximetry and Neovascularization in Proliferative Diabetic Retinopathy.*

19<sup>th</sup> Annual Resident & Fellow Research Day, May 15, 2015

The New York Eye and Ear Infirmary of Mount Sinai, New York, NY

## PRESENTATIONS (CONTINUED)

*Enhancement of Macular Pigment Levels in Diabetics Demonstrated Using Two Objective Techniques.*  
19<sup>th</sup> Annual Irving H. Leopold Lecture and Teaching Day, November 7, 2014  
Icahn School of Medicine at Mount Sinai, New York, NY

*B-Zone Parapapillary Atrophy and Retinal Blood Flow Velocity in Glaucoma.*  
15<sup>th</sup> Annual Resident & Fellow Research Day, May 20, 2011  
The New York Eye and Ear Infirmary, New York, NY

*B-Zone Parapapillary Atrophy and Retinal Blood Flow Velocity in Primary and Secondary Glaucoma.*  
NYMC Medical Student Research Forum, February 3, 2011  
New York Medical College, Valhalla, NY

## ABSTRACTS AND POSTER PRESENTATIONS

Scripsema NK, Wong SC. Inner Retinal Fenestration for Pediatric Optic Disc Pit Maculopathy. Retina Society Annual Meeting, London, UK, September 12, 2019

Scripsema NK, Wong SC. Inner Retinal Fenestration for Pediatric Optic Disc Pit Maculopathy. 2019 Advances in Pediatric Retina Course. Salt Lake City, Utah, June 13-15, 2019

Wong SC, **Scripsema NK**. Inner Retinal Fenestration for Pediatric Optic Disc Pit Maculopathy. ARVO Annual Meeting, Poster 5747, Vancouver, CA, May 1, 2019.

**Scripsema NK**, Lim JJ. Retinal Vascular Changes after ERM and ILM Peeling Measured with OCT Angiography. ARVO Annual Meeting, Poster 5307, Vancouver, CA, May 1, 2019.

Cole ED, Beca C, Ledesma G, Oh D, Goldring W, Zolot A, Zahid S, Chee R, **Scripsema NK**, Valikodath N, Scanzer A, Jonas K, Lim JJ, Kim JE, Campbell JP, Chiang M, Chan RVP. iTeleGEN: Development of a Web-Based Diabetic Retinopathy Education Module. ARVO Annual Meeting, Poster 4532, Vancouver, CA, May 1, 2019.

Wong SC, **Scripsema NK**. Inner Retinal Fenestration for Paediatric Optic Disc Pit maculopathy. British and Eire VR Society Annual Meeting, [Free Paper Presentation](#), Liverpool, UK, November 9, 2018.

**Scripsema NK**, Wright G, Michaelides M. Missing the Forest for the Trees: A Case of Batten's Disease. The Medicine for Eye Disease (M.E.D.) Course II, Case Presentation, London, UK, June 19-20, 2018.

**Scripsema NK**, Burke T, Pavesio C, Westcott M. Infectious Vasculitis from an Unexpected Source. The Medicine for Eye Disease (M.E.D.) Course II, Case Presentation, London, UK, June 19-20, 2018.

Badhwar V, **Scripsema NK**, Okhravi N, Petruskin H. Could this be Ocular Beçhet's Disease? The Medicine for Eye Disease (M.E.D.) Course II, Case Presentation, London, UK, June 19-20, 2018.

Millip M, **Scripsema NK**, Okhravi N. TB or not TB: A Case of Chronic Non-Granulomatous Anterior Uveitis. The Medicine for Eye Disease (M.E.D.) Course II, Case Presentation, London, UK, June 19-20, 2018

## ABSTRACTS AND POSTER PRESENTATIONS (CONTINUED)

Jondhale D, **Scripsema NK**, Gallagher K, Yeung I, Westcott M, Okhravi N, Pavesio C. Timeline of Reactivation: Multifocal Toxoplasma Chorioretinitis. The Medicine for Eye Disease (M.E.D.) Course II, Case Presentation, London, UK, June 19-20, 2018.

**Scripsema NK**, Natkunarajan M, Kang S, Pai A, VanBol L, Okhravi N. Optimising the Patient Pathway for Idiopathic Acute Anterior Uveitis from Accident and Emergency. Royal College of Ophthalmologists Annual Congress, Poster 203, Liverpool, UK, May 21-24, 2018

**Scripsema NK**, Finger PT. Microincision, 27-gauge Aspiration Cutter-Assisted Multifocal Iris Biopsy for Melanoma. AAO Annual Meeting, Poster PO394, New Orleans, LO, November 13, 2017.

**Scripsema NK**, Garcia PM, Rosen RB. OCT Angiography Perifoveal Retinal Capillary Perfusion Density Analysis in Proliferative Diabetic Retinopathy Pre- and Post- Panretinal Photocoagulation. ARVO Annual Meeting, Poster 5997, Baltimore, MD, May 11, 2017.

Fell D, Raouf SM, Chui YP, Garcia PM, Dave SB, **Scripsema NK**, Banik R. Perfused Large Vessel and Capillary Densities in Various Grades of Papilledema Using OCTA Custom Software. ARVO Annual Meeting, Poster 3305, Baltimore, MD, May 9, 2017.

Sarrafpour S, Tsui E, Fell D, Raouf S, **Scripsema NK**, Zahid Z, Dave SB, Garcia PM, Chui YP, Rosen RB, Banik R, Young JA. Fractal Analysis of Peripapillary Vasculature in Eyes with Papilledema using Optical Coherence Tomography Angiography. ARVO Annual Meeting, Poster B0582, Baltimore, MD, May 9, 2017.

Banik R, Raouf S, Fell D, Scripsema NK, Dave SB, Garcia PM. OCT-A Quantification of Peripapillary Retinal Vessel Density in Myopes with and without Tilted Discs and Emmetropes. ARVO Annual Meeting, Poster 1651, Baltimore, MD, May 8, 2017.

Chiu B, Tsui E, Zahid S, **Scripsema NK**, Young E, Garcia PM, Panarelli JF, Sidoti PA, Rosen RB, Young JA. First Peak Fractal Analysis of OCT-Angiography in Glaucomatous Eyes. ARVO Annual Meeting, Poster B0458, Baltimore, MD, May 7, 2017.

Tsui E, Chiu B, **Scripsema NK**, Sidoti PA, Rosen RB, Young JA. Fractal Dimensional Analysis of OCT-Angiography in Primary Open-Angle Glaucoma. ASCRS-ASOA Symposium and Congress, Los Angeles, CA, May 5, 2017.

Tsui E, Fell D, Raouf S, Scripsema NK, Zahid S, Dave SB, Garcia PM, Chui TP, Rosen RB, Banik R, Young JA. Fractal Analysis of Peripapillary Vasculature in Eyes with Papilledema using Optical Coherence Tomography Angiography. NANOS 43<sup>rd</sup> Annual Meeting, Poster 282, Washington, DC, April 4, 2017.

Fell D, Raouf SM, Chui YP, Garcia PM, Dave SB, **Scripsema NK**, Banik R. Perfused Large Vessel and Capillary Densities in Various Grades of Papilledema using OCTA Custom Software. NANOS 43<sup>rd</sup> Annual Meeting, Poster 269, Washington, DC, April 4, 2017.

Tsui E, Mehta N, Chiu B, **Scripsema NK**, Bhardwaj S, Zahid S, Young E, Ishikawa H, Sidoti PA, Rosen RB, Young JA. A novel approach for evaluating glaucomatous eyes using fractal dimensional analysis in OCT-Angiography. AGS 27<sup>th</sup> Annual Meeting, Poster 055, San Diego, CA, March 3, 2017.

## ABSTRACTS AND POSTER PRESENTATIONS (CONTINUED)

**Scripsema NK**, Agemy SA, Lee JG, Rosen RB, Gentile RC. Perforating Injury of the Posterior Pole. Retina World Congress Video Display, February 23-26, 2017.

**Scripsema NK**, Finger PT. Modified Multifocal Finger Iridectomy Technique Using a 27-gauge Aspiration-Cutter. Retina World Congress Video Display, February 23-26, 2017.

Fell D, Raouf SM, **Scripsema NK**, Dave SB, Garcia PM, Lopresto C, Rosen RB, Banik R. Optic Disc and Peripapillary Retinal Perfusion in Papilledema versus Controls: A Study Using OCT-Angiography. AAO Annual Meeting, Paper 075, Chicago, IL Oct 17, 2016.

Raouf SM, Fell D, **Scripsema NK**, Dave SB, Garcia PM, Lopresto C, Rosen RB, Banik R. OCT-Angiography Quantification of Peripapillary Retinal Vessel Density in Emmetropes and Myopes. AAO Annual Meeting, Poster 447, Chicago, IL, October 17, 2016.

**Scripsema NK**, Garcia PM, Rosen RB. Perifoveal Retinal Capillary Perfusion Density Analysis in Proliferative Diabetic Retinopathy Pre- and Post- Panretinal Photocoagulation: A Study Using OCT-Angiography. Women in Ophthalmology Summer Symposium, Williamsburg, VA, August 13, 2016.

Agemy SA, **Scripsema NK**, Chui T, Garcia PM, Lee JG, Gentile RC, Rosen RB. Quantitative Retinal Blood Flow Density Study of Normals and Diabetic Subjects without Retinopathy using novel OCT Angiography AngioAnalytics™ software. NYEEI 20<sup>th</sup> Annual Resident & Fellow Research Day, Paper presentation, New York, NY, June 10, 2015.

**Scripsema NK**, Garcia PM, Xu L, Lin YB, Panarelli JF, Sidoti PA, Rosen RB. Comparing Optical Coherence Tomography Angiography (OCTA) Radial Peripapillary Capillary Perfusion Density Maps in Glaucoma Patients and Normal Patients. ARVO Annual Meeting, Poster 5509, Seattle, WA, May 4, 2016.

Krawitz B, Mo S, Geyman L, Agemy SA, **Scripsema NK**, Garcia PM, Chui TY, Rosen RB. Foveal Avascular Zone Articularity Index in Diabetic Eyes and Healthy Controls Measured by Optical Coherence Tomography Angiography (OCTA). ARVO Annual Meeting, Poster 5496, Seattle, WA, May 4, 2016.

Fell D, Lopresto C, **Scripsema NK**, Garcia PM, Dave SB, Banik R. A novel approach to measuring peripapillary retinal perfusion in papilledema: a pilot study using optical coherence tomography angiography. Scientific Platform Presentation at the NANOS 42<sup>nd</sup> Annual Meeting, Tucson, AZ, March 1, 2016.

**Scripsema NK**, Xu L, Lin YB, Panarelli JF, Sidoti PA, Tsai JC, Rosen RB. Optical Coherence Tomography Angiography Perfusion Density Analysis of the Radial Peripapillary Capillaries in Primary Open-Angle Glaucoma, Normal-Tension Glaucoma, and Normal Subjects. AGS Annual Meeting, Poster 122, Ft Lauderdale, FL, March 5, 2016.

**Scripsema NK**, Whitten P, Rosen RB. Retinal Oximetry and Neovascularization in Proliferative Diabetic Retinopathy. American Academy of Ophthalmology Annual Meeting 2015, Abstract 30042626, Las Vegas, NV, November 15-16, 2015.

**Scripsema NK**, Whitten P, Masini R, Rosen RB. Retinal Oximetry and Neovascularization in Proliferative Diabetic Retinopathy. Mt Sinai Consortium for Graduate Medical Education 6th Annual Resident & Fellow Research Day, New York, NY, June 5, 2015.



## ABSTRACTS AND POSTER PRESENTATIONS (CONTINUED)

**Scripsema NK**, Bhoomibunchoo C, Whitten P, Masini R, Rosen RB. Fluorescein Angiography and Retinal Vessel Oxygen Saturation in Patients with Proliferative Diabetic Retinopathy. ARVO Annual Meeting, Poster 3342, Denver, CO, May 5 2015.

Dubow M, Pinhas A, Shah N, Sulai YN, Garcia PM, **Scripsema NK**, Carroll J, Dubra A, Rosen RB. In vivo imaging of hypertensive retinopathy using fluorescence adaptive optics scanning light ophthalmoscopy (FAOSLO). ARVO Annual Meeting, Poster 6063, Seattle, WA, May 9, 2013.

Shah N, Dubow M, Pinhas A, **Scripsema NK**, Dubra A, Sulai YN, Scoles DH, Rosen RB. Normal retinal vasculature imaged using fluorescence adaptive optics scanning light ophthalmoscopy. ARVO Annual Meeting, Poster 6064. Seattle, WA, May 9, 2013.

Rosen RB, Dubra A, Weitz R, Carroll J, Dubow M, Pinhas A, Shah N, Sulai YN, **Scripsema NK**, Walsh JB. Histiopathic features of diabetic microangiopathy imaged using adaptive optics scanning laser fluorescein angiography. ARVO Annual Meeting, Poster 6065, Seattle, WA, May 9, 2013.

Pinhas A, Dubow M, Mehta M, Garcia PM, **Scripsema NK**, Carroll J, Sulai YN, Dubra A, Rosen RB. Microangiopathic features of central retinal vein occlusion imaged using fluorescence adaptive optics scanning light ophthalmoscopy. ARVO Annual Meeting, Poster 6066, Seattle, WA, May 9, 2013.

Landa G, **Scripsema NK**, Rosen RB. Retinal blood flow velocities in patients with retinal vein occlusion. ARVO Annual Meeting, Poster 4899. Seattle, WA, May 8, 2013.

**Scripsema NK**, Shah N, Garcia PM, Warrow D, Tobias K, Landa G, Rosen RB. Enhancement of macular pigment levels in diabetics with early retinopathy through supplementation demonstrated using two objective techniques. ARVO Annual Meeting, Poster 3779, Seattle, WA, May 7, 2013.

Patel AS, **Scripsema N**, Shah N, Bhoomibunchoo C, Rosen RB. Relative retinal vessel saturation in diabetic patients. American Society of Retinal Specialists (ASRS) Annual Meeting, Scientific Poster. Las Vegas, NV, August 26, 2012.

**Scripsema N**, Garcia PM, Bhoomibunchoo C, Landa G, Rivas M, Yang A, Tai K, Rosen RB. The effects of supplementation on macular pigment levels in diabetics without maculopathy measured by two objective techniques. ARVO Annual Meeting, Poster 3364, Ft. Lauderdale, FL, May 8, 2012.

Rosen RB, **Scripsema N**. Patterns of oxygen saturation in retinal vein occlusion measured with oxymap. ARVO Annual Meeting, Poster 2173, Ft. Lauderdale, FL, May 7, 2012.

Patel AS, **Scripsema N**, Bhoomibunchoo C, Rosen RB. Relative retinal vessel oxygen saturation in diabetic patients. ARVO Annual Meeting, Poster 2170, Ft. Lauderdale, FL, May 7, 2012.

Patel AK, Landa G, Bhoomibunchoo C, **Scripsema N**, Saunders J, Rosen RB. Retinal Blood Flow in Patients with Sick Cell Retinopathy assessed by Retinal Functional Imager. ARVO Annual Meeting, Poster 2156, Ft. Lauderdale, FL, May 7, 2012.

Schneider LR, **Scripsema N**, Bhoomibunchoo C, Rosen RB. Oxygen saturation within retinal vessels pre- and post- intravitreal injection with bevacizumab using oxymap retinal oximeter. ARVO Annual Meeting, Poster 2165, Ft. Lauderdale, FL, May 7, 2012.

## ABSTRACTS AND POSTER PRESENTATIONS (CONTINUED)

Kashyap Y, Bhoomibunchoo C, Landa G, **Scripsema N**, Muldoon TO, Rosen RB. Clinical monitoring of retinal blood flow response to PRP using the retinal functional imager. ARVO Annual Meeting, Poster 116, Ft. Lauderdale, FL, May 6, 2012.

Landa G, Bhoomibunchoo C, **Scripsema N**, Rosen RB. Retinal blood flow velocity in patients with sickle cell retinopathy assessed by retinal functional imager. AAO Annual Meeting, Scientific Poster, Orlando, FL, October 24, 2011.

Eliasieh K, **Scripsema N**, Dorairaj S, Landa G, Tai KW, Sidoti PA, Monsef A, Vasquez C, Rosen RB. Peripapillary Blood Flow and Beta-Zone Peripapillary Atrophy in Primary Open-Angle Glaucoma. ARVO Annual Meeting, Poster 3487, Ft. Lauderdale, FL, May 3, 2011.

**Scripsema N**, Dorairaj S, Park SC, Landa G, Rosen RB, Ritch R. The effect of parapapillary atrophy on retinal blood flow velocity in primary open-angle and exfoliative glaucoma. ARVO Annual Meeting, Poster 3477, Ft. Lauderdale, FL, May 3, 2011.

Bhoomibunchoo C, **Scripsema N**, Landa G, Rosen RB. Retinal Functional Imaging for the Evaluation of Changes in Retinal Blood Flow after Pan-Retinal Laser Photocoagulation in Patients with Proliferative Diabetic Retinopathy. ARVO Annual Meeting, Poster 2902, May 2, 2011.

Trubnik V, Ren R, **Scripsema N**, Dorairaj SK, De Morales CG, Park SC, Teng C, Rosen RB, Tello C, Ritch R. Comparison of retinal blood flow velocities in normal and high tension glaucoma using the retinal functional imager. ARVO Annual Meeting, Poster 3474, Ft. Lauderdale, FL, May 3, 2011.

Seebruck CJ, **Scripsema N**, Tai KW, Landa G, Bhoomibunchoo C, Spielberg L, Rosen RB. Comparison between macular pigment optical density measurements using two-wave autofluorescence (SLO) and macular pigment reflectometry (MPR). ARVO Annual Meeting, Scientific Poster 1323. Ft. Lauderdale, FL, May 2, 2011.

Chan I, **Scripsema N**, Landa G, Spielberg L, Garcia PM, Trubnik V, Rosen RB. Comparison of parafoveal capillary perfusion measured by retinal function imager with retinal thickness by OCT in diabetic macula edema. ASRS Annual Meeting, Scientific Poster, Vancouver, Canada, August 30, 2010.