

Curriculum Vitae

Scott C.N. Oliver, M.D.

Associate Professor
Vitreoretinal Surgery & Disease
Ocular Oncology
Department of Ophthalmology
University of Colorado School of Medicine
UCHealth Eye Center
1675 Aurora Court, Mail Stop F-731
Aurora, CO 80045

Appointments: 720-848-2020

PREDOCTORAL EDUCATION

- 1994 – 1998 Pre-medical: Bachelor of Arts, English Language and Literature
Trinity University, San Antonio, TX
Magna cum laude
- 1998 – 2002 Medical: Doctor of Medicine
University of Colorado Health Sciences Center, Denver, CO

POSTDOCTORAL TRAINING

- 2002 – 2003 Internship: Internal Medicine
Saint Joseph Hospital, Exempla Healthcare, Denver, CO
- 2003 – 2006 Residency: Ophthalmology
Department of Ophthalmology
University of Colorado School of Medicine, Denver, CO
Chief Resident
- 2006 – 2008 Fellowship: Vitreoretinal Diseases and Surgery & Ocular Oncology
Jules Stein Eye Institute, David Geffen School of Medicine,
University of California Los Angeles, Los Angeles, CA

ACADEMIC APPOINTMENTS

- 2006 – 2008 Clinical Instructor, Department of Ophthalmology, Jules Stein Eye Institute,
David Geffen School of Medicine, UCLA, Los Angeles, CA
- 2008 – 2014 Assistant Professor, Department of Ophthalmology, University of Colorado
School of Medicine, Aurora, CO
- 2008 – Associate Member, Developmental Therapeutics Program, University of
Colorado Cancer Center, CUSOM Division of Medical Oncology
- 2014 – Associate Professor, Department of Ophthalmology, University of Colorado
School of Medicine, Aurora, CO

SPECIALTY BOARD CERTIFICATION

2008 – 2018 Diplomat, American Board of Ophthalmology

MEDICAL LICENSES

2002 – 2003 Physician Training License, Colorado (inactive)
2003 – 2006 Physician Training License, Colorado (inactive)
2006 – 2008 Physician License, California (inactive)
2008 – Physician License, Colorado (active)

HOSPITAL STAFF MEMBERSHIP

2002 – Saint Joseph Hospital, Exempla Healthcare, Denver, CO
2003 – University of Colorado Hospital, Aurora, CO
2003 – Children's Hospital Colorado, Aurora, CO
2003 – Denver Health Medical Center, Denver, CO
2003 – Denver Veteran's Affairs Medical Center, Denver, CO

HONORS, AWARDS AND RECOGNITION

1994 Eagle Scout, Boy Scouts of America
1994 International Baccalaureate Diploma, Colorado Springs, CO
1994 – 1998 Murchison Academic Scholarship, Trinity University
1995 Freshman Chemistry Achievement Award, Chemical Rubber Company, Trinity University
1996 Sophomore Chemistry Achievement Award, Merck & Co., Trinity University
1998 Phi Beta Kappa, Trinity University
1999 Merck Award for Excellence in Medical Education, University of Colorado Health Sciences Center
2002 Alpha Omega Alpha, University of Colorado Health Sciences Center
2003 Intern of the Year, St. Joseph Hospital, Denver, CO
2005 – 2006 Administrative Chief Resident, Department of Ophthalmology, University of Colorado Health Sciences Center
2006 – 2007 Abe Meyer Memorial Fellow, Jules Stein Eye Institute, UCLA
2007 – 2008 Rosalind Alcott Fellow, Jules Stein Eye Institute, UCLA
2007 – 2008 Frederic G. Rappaport Fellow in Retinal Diseases & Ocular Oncology, Jules Stein Eye Institute, UCLA
2008 Fellow's Teaching Award, Jules Stein Eye Institute, UCLA
2009 Travel Grant, Association for Research in Vision and Ophthalmology (ARVO)
2011 Academic Faculty Teaching Award, Department of Ophthalmology, University of Colorado School of Medicine
2011 Nomination, President's Award for World Class Care, University of Colorado Hospital
2014 Honor Award, American Society of Retina Specialists
2016 Cure OM Vision of Hope Award, Melanoma Research Foundation

PROFESSIONAL MEMBERSHIPS

1998 – American Medical Association (AMA)
1998 – Phi Beta Kappa Society (ΦBK)
2002 – Alpha Omega Alpha Honor Medical Society (ΑΩΑ)
2003 – Association for Research in Vision and Ophthalmology (ARVO)
2003 – Member, Colorado Society of Eye Physicians and Surgeons (CSEPS)

- 2004 – 2005 Resident Representative, CSEPS
- 2008 – American Society of Retina Specialists (ASRS)
- 2008 – Fellow, American Academy of Ophthalmology (AAO)
- 2011 – Denver Clinical and Pathological Society
- 2011 – International Society of Ocular Oncology (ISOO)

MAJOR ADMINISTRATIVE, COMMITTEE AND SERVICE RESPONSIBILITIES

Department of Ophthalmology, University of Colorado School of Medicine

- 2005, 2008 – Selection Committee, Ophthalmology Residency Program
- 2008 – Selection Committee, Vitreoretinal Surgery and Disease Fellowship
- 2008 – Director, Tumor Board
- 2008 – Faculty Discussant, Morning Report
- 2008 – 2012 Resident Mentor (faculty mentor to two department residents)
- 2008 – 2013 Section Coordinator, Retina and Uveitis, Basic and Clinical Science Course Committee
- 2015 – Associate Director, Vitreoretinal Surgery and Disease Fellowship

University of Colorado School of Medicine

- 1998 – 1999 Working Group on Course Evaluations
- 1998 – 2002 Curriculum Committee
- 2008 – 2009 Preceptor, Foundations of Doctoring
- 2008 – 2012 Faculty Senator, representing the Department of Ophthalmology

UCHealth Eye Center

- 2008 – Director, Eye Cancer Program
- 2008 – 2014 OR Liaison, Retina Surgical Service
- 2008 – 2017 Call Schedule Coordinator, Retina Service
- 2009 – 2010 Chair, Ophthalmic Microscope Committee
- 2009 – 2011 Member, Retina Call Team Steering Committee
- 2010 – 2011 Member, Strategic Planning and Vision Committee
- 2010 – 2011 Member, Compliance and Audits Committee
- 2010 – 2018 Chair, Implementation Committee for EPIC electronic health record software
- 2013 – 2014 Chair, Process Improvement Committee
- 2013 – Medical Director, UCHealth Eye Surgery Center
- 2015 – Chief, Retina Service

University of Colorado Hospital

- 2015 – 2016 UCH Access Working Group

Community

- 2005 – 2013 Volunteer, 9Health Fair
- 2009 Volunteer, Doctors' Line9, KUSA-TV (9News)

National

- 2012 – 2017 Committee on Special Programs, Annual Meeting of the American Academy of Ophthalmology

EDITORIAL SERVICES TO SCHOLARLY PUBLICATIONS

Reviewer, American Journal of Ophthalmology

Reviewer, Archives of Ophthalmology

Reviewer, JAAPOS

Reviewer, Retina

Reviewer, Retinal Physician

CLINICAL INNOVATIONS AT THE UNIVERSITY OF COLORADO

- 2008 Founding Director, Eye Cancer Program
- 2008 First wide-angle pediatric vitreoretinal surgery
- 2008 First repair of retinopathy of prematurity (ROP) detachment
- 2010 First bevacizumab (Avastin) treatment for ROP
- 2011 First silicone oil shielding for reduction of radiation damage during eye cancer surgery in Colorado, second site nationally
- 2015 Assisted in first Argus II Retinal Prosthesis System implant in Colorado
- 2016 First intravitreal chemotherapy for retinoblastoma via melphalan (Alkeran) in Colorado
- 2016 First intra-arterial chemosurgery (melphalan) with interventional radiology for the treatment of intraocular retinoblastoma in Colorado
- 2016 Performed second Argus II Retinal Prosthesis System implant in Colorado, on the first patient from Kansas to receive the device
- 2016 First posterior scleral sling (macular buckle) to treat myopic schisis and macular hole

MEDIA COVERAGE

1. Kelly D. New eye cancer treatment prevents blindness. [Article]. CU Anschutz Today. 2010 August 27. Available from: <http://www.cuanschutztoday.org/eyecancerblindnesssilicone/>
2. Chilton J. Resilient Elly: Rare eye disease affects local girl. [Article]. Wyoming Tribune Eagle, Wyoming News. 2012 August 20. Available from (log-in required): http://www.wyomingnews.com/news/resilient-elly-rare-eye-disease-affects-local-girl/article_34b71d32-526a-51dc-abb2-77fc5535ef84.html
3. UCHealth Eye Center restores limited sight to blind patient with region's first bionic eye surgery. [Article]. UCHealth Today. 2015 December 10. Available from: <https://www.uchealth.org/today/2015/12/10/uchealth-eye-center-restores-limited-sight-to-blind-patient-with-regions-first-bionic-eye-surgery/>
4. Smith T. One small chip, one giant step toward sight: UCHealth completes region's first "bionic eye" procedure. [Article]. UCHealth Today. 2015 December 15. Available from: <https://www.uchealth.org/today/2015/12/15/one-small-chip-one-giant-step-toward-sight/>
5. Jamie has Retinitis Pigmentosa and lost her vision. A bionic eye has her smiling again. [Video]. UCHealth. 2016 January 22. Available from: <https://www.youtube.com/watch?v=W5NoK9A91pg>
6. Booker A. 88-year-old man sees for the first time in more than 50 years thanks to bionic eye. [Article and Video]. The Hutchinson News. 2016 October 16. Available from: http://www.hutchnews.com/news/local_state_news/year-old-man-sees-for-the-first-time-in-more/article_b7ead52b-e3dc-5e3b-89bd-733c01a01248.html

7. Christiansen K. 'Bionic eye' helps man see for the first time in more than a half-century. [Video and Article]. KUSA, 9News at 9pm. 2016 October 28. Available from: <http://www.9news.com/features/bionic-eye-helps-man-see-for-the-first-time-in-more-than-a-half-century/343907557>
8. Smith T. Lights go on for another 'bionic eye' patient. [Article]. UCHealth Today. 2017 January 27. Available from: <https://www.uchealth.org/today/2017/01/27/lights-go-another-bionic-eye-patient/>
9. Ashley Michels. Eye experts warn of long-term dangers from staring at solar eclipse. [Video and Article]. KDVR, Fox31 Denver, 2News. 2017 August 15. Available from: <http://kdvr.com/2017/08/15/eye-experts-warn-of-long-term-dangers-after-staring-at-solar-eclipse/>

RESEARCH INTERESTS

- Radiation retinopathy prevention and treatment
- Ocular melanoma treatment
- Retinoblastoma treatment
- Vitreoretinal surgery outcomes research

INTELLECTUAL PROPERTY: Patent

1. **Oliver SCN**, Young TA, Leu MY. "Intraocular Radiation Attenuation with Intravitreal Substitutes". US provisional patent application 61/143310. 2008 January 1.

RESEARCH ACTIVITIES, SUPPORT AND GRANTS

Principal Investigator:

1. **CUSOM Department of Ophthalmology**, 17-2372, Oliver (PI): "Risk Factors for Outcomes from Retina Surgery", Principal Investigator, 2018-.
2. **University of Miami**, 16-1445, Oliver (PI): "Collaborative Ocular Oncology Group Uveal Melanoma Validation Study Number 2 (COOG2)", Principal Investigator. 2016-.
3. **CUSOM Department of Ophthalmology**, 16-0102, Oliver (PI): "Outcomes in patients treated for complications following radiation therapy for ocular tumors", Principal Investigator, 2016 -.
4. **Genentech, Inc.**, GX28228, Oliver (PI): "A Phase II Multicenter, Randomized, Active Treatment-Controlled Study of The Efficacy and Safety of The Ranibizumab Port Delivery System for Sustained Delivery of Ranibizumab in Patients With Subfoveal Neovascular Age-Related Macular Degeneration (LADDER)", Principal Investigator. Project #16-2350, \$618,497. 2015-2017.
5. **Hoffmann-La Roche**, GX29185, Oliver (PI): "A Study Investigating the Safety and Efficacy of Lampalizumab Intravitreal Injections in Patients with Geographic Atrophy Secondary to Age-Related Macular Degeneration (SPECTRI)." Principal Investigator. Recruitment 9/10. Project #2585097, \$317,570. 2014-2017.

6. **CUSOM Department of Ophthalmology**, NCT# 01460810, Oliver (PI): “A Prospective Pilot Study of Surgical Radiation Shielding With Vitrectomy & Silicone Oil Tamponade for the Protection of Radiation-induced Ocular Injury in the Treatment of Choroidal Melanoma With Radioactive Iodine-125 Plaque Brachytherapy”, Principal Investigator. Project #11-0366. 2011-2022.
7. **ThromboGenics**, TG-MV-005, Oliver (PI): “A Randomized, Sham-Injection Controlled, Double-Masked, Multicenter Trial of Ocriplasmin Intravitreal Injection for Treatment of Focal Vitreomacular Adhesion in Subjects with Exudative Age-Related Macular Degeneration (MIVI-5)”. Principal Investigator. Project #2585056, \$178,196. Recruitment 4/6. 4th (tie) highest recruitment in the United States for this trial. 2010-2013.
8. **Genentech, Inc.**, FVF4579g, Oliver (PI): “A Phase III, Double-masked, Multicenter, Randomized, Active Treatment-controlled Study of the Efficacy and Safety of 0.5 mg and 2.0 mg Ranibizumab Administered Monthly or on an As-needed Basis (PRN) in Patients With Subfoveal Neovascular Age-related Macular Degeneration (HARBOR)”, Principal Investigator. Recruitment 10/10. Project #2585040, \$424,800. 2009-2012.
9. **Genentech, Inc.**, FVF3426g, Oliver (PI): “An Open-Label, Multicenter Extension Study to Evaluate the Safety and Tolerability of Ranibizumab in Subjects With Choroidal Neovascularization (CNV) Secondary to Age-Related Macular Degeneration (AMD) or Macular Edema Secondary to Retinal Vein Occlusion (RVO) Who Have Completed a Genentech-Sponsored Ranibizumab Study (HORIZON)”, Principal Investigator. Recruitment 3/3. Project # 2585036, \$19,461. 2009-2011.
10. **ThromboGenics**, TG-MV-006/7, Oliver (PI): “A Randomized, Placebo Controlled, Double-masked, Multicenter Trial of Microplasmin Intravitreal Injection for Non-surgical Treatment of Focal Vitreomacular Adhesion (MIVI-TRUST)”, Principal Investigator. Recruitment 9/12. Award #PN090249, \$94,534.00. 2008-2010.
11. **American Cancer Society** Institutional Research Grant, 57-001-50, Oliver (PI): “Attenuation of Iodine-125 Radiation with Vitreous Substitutes in an Animal Model for the Treatment of Ocular Melanoma”, Principal Investigator, \$30,000, 2008.
12. **Eyetech Pharmaceuticals & Pfizer**, EOP1023, Oliver (PI): “A Phase IV, Open Label, Multi-Center, Study of Maintenance Intravitreal Injections of Macugen (Pegaptanib Sodium) Given Every 6 Weeks for 48 Weeks in Subjects With Subfoveal Neovascular Age-Related Macular Degeneration (AMD) Initially Treated With a Modality Resulting in Maculopathy Improvement”, \$119,246, Principal Investigator, 2006-2007.

Active Research Projects, Support and Grants, as Co-Investigator:

1. **Novartis Pharmaceuticals**, CRFB002H2301E1, Mathias (PI): “An Extension Study to Evaluate the Long Term Efficacy and Safety of Ranibizumab Compared With Laser Therapy for the Treatment of Infants Born Prematurely With Retinopathy of Prematurity (RainbowExt).” Co-Investigator, 2016-2022.

2. **Hoffmann-La Roche**, GX30191, Siringo (PI): “A Multicenter, Open-Label Extension Study to Evaluate the Long-Term Safety and Tolerability of Lampalizumab in Patients with Geographic Atrophy Secondary to Age-Related Macular Degeneration Who Have Completed a Roche-Sponsored Study (OMASPECT)”, Co-Investigator. 2016-2019.
3. **Novartis Pharmaceuticals**, CRFB002H2301, Mathias (PI): “A Randomized, Controlled Study Evaluating the Efficacy and Safety of Ranibizumab Compared With Laser Therapy for the Treatment of Infants Born Prematurely With Retinopathy of Prematurity (RAINBOW).” Sub-Investigator, 2015-2017.
4. **Second Sight Medical Products**, PM-02-01, Mandava (PI): “New Enrollment Post-Approval Study of the Argus II Retinal Prosthesis System”, Co-Investigator, 2014-2018.

Completed Research Projects, Support and Grants, as Co-Investigator:

1. **Ophthotech Corporation**, OPH1004, Mandava (PI): “A Phase 3 Randomized, Double-masked, Controlled Trial to Establish the Safety and Efficacy of Intravitreal Administration of Fovista (Anti PDGF-B Pegylated Aptamer) Administered in Combination With Either Avastin or Eylea Compared to Avastin or Eylea Monotherapy in Subjects With Subfoveal Neovascular Age-related Macular Degeneration”, Co-Investigator, 2014-2016.
2. **Pfizer**, B1181003: “A Phase 2 Multi-center, Randomized, Double-masked, Placebo-controlled, Multi-dose Study To Investigate The Efficacy, Safety, Pharmacokinetics And Pharmacodynamics Of Rn6g (Pf-04382923) In Subjects With Geographic Atrophy Secondary To Age-related Macular Degeneration”, Co-Investigator, 2012-2013.
3. **Ophthotech Corporation**, OPH1001, Mandava (PI): “A Phase 2, Randomized, Double-Masked, Controlled Trial to Establish the Safety and Efficacy of Intravitreal Injections of E10030 (Anti-PDGF Pegylated Aptamer) Given in Combination With Lucentis in Subjects With Neovascular Age-Related Macular Degeneration”, Co-Investigator, 2010-2012.
4. **University of Colorado Cancer Center**, Student Cancer Summer Research Fellowship. Stipend award for support of student researcher. \$1,300. 2010.
5. **University of Colorado Cancer Center**, Student Cancer Summer Research Fellowship. Stipend award for support of student researcher. \$1,300. 2009.
6. **Vision Research Foundation**, IND-100633, Trese (PI): “Phase 1 Trial of Pan-VEGF Blockade for the Treatment of Retinopathy of Prematurity (BLOCK-ROP)”, Co-Investigator, 2008-2009.
7. **Genentech, Inc.**, FVF4168g, Ehrlich (PI): “A Phase III, Double-masked, Multicenter, Randomized, Sham Injection-controlled Study of the Efficacy and Safety of Ranibizumab Injection in Subjects With Clinically Significant Macular Edema With Center Involvement Secondary to Diabetes Mellitus (RIDE)”, Co-Investigator, 2007-2012.
8. **Genentech, Inc.**, FVF4170g, Ehrlich (PI): “A Phase III, Double-masked, Multicenter, Randomized, Sham Injection-controlled Study of the Efficacy and Safety of

- Ranibizumab Injection in Subjects With Clinically Significant Macular Edema With Center Involvement Secondary to Diabetes Mellitus (RISE)", Co-Investigator, 2007-2012.
9. **Regeneron Pharmaceuticals & Bayer**, VGFT-OD-0605, Vitti (PI): "A Randomized, Double Masked, Active Controlled Phase III Study of the Efficacy, Safety, and Tolerability of Repeated Doses of Intravitreal VEGF Trap in Subjects With Neovascular Age-Related Macular Degeneration", Co-Investigator, 2007-2011.
 10. **Genentech Corporation**, FVF4165g, Rubio (PI): "A Phase III, Multicenter, Randomized, Sham Injection-Controlled Study of the Efficacy and Safety of Ranibizumab Injection Compared With Sham in Subjects With Macular Edema Secondary to Branch Retinal Vein Occlusion (BRAVO)", Co-Investigator, 2007-2009.
 11. **Genentech, Inc.**, FVF4166g, Rubio (PI): "A Phase III, Multicenter, Randomized, Sham Injection-Controlled Study of the Efficacy and Safety of Ranibizumab Injection Compared With Sham in Subjects With Macular Edema Secondary to Central Retinal Vein Occlusion (CRUISE)", Co-Investigator, 2007-2009.
 12. **Genentech, Inc. & University of Colorado**, FVF4256s, Mandava (PI): "A phase I/II study assessing the safety and efficacy of ranibizumab for non-arteritic ischemic optic neuropathy (NAION)", Co-Investigator, 2007-2009.
 13. **Ophthotech**, OPH 1000: "A Phase 1, Single Ascending Dose Trial to Establish the Safety, Tolerability and Pharmacokinetic Profile of Intravitreal Injections of E10030 (Anti-PDGF Pegylated Aptamer) Monotherapy and of E10030 Given in Combination With Lucentis® 0.5 Mg/Eye in Subjects With Neovascular Age-Related Macular Degeneration", Co-Investigator, 2007-2008.
 14. **Lowy Medical Research Institute**, Hubschman (PI): "A Natural History Observation and Registry Study of Macular Telangiectasia Type 2 (the Mac-Tel Study)", Co-Investigator, 2007-2008.
 15. **National Eye Institute/NIH**, NEI-120, N01-EY-5-0007, SanGiovanni (PI): "Age-Related Eye Disease Study 2 (AREDS2): A Multi-center, Randomized Trial of Lutein, Zeaxanthin and Omega-3 Long-Chain Polyunsaturated Fatty Acids (Docosahexaenoic Acid [DHA] and Eicosapentaenoic Acid [EPA]) in Age-Related Macular Degeneration", Co-Investigator, 2006-2012.
 16. **Sirion & ReVision Therapeutics**, SRFR-001, Vogel (PI): "A Phase II Multicenter, Randomized, Double-Masked, Placebo-Controlled, Dose-Comparison Study of the Safety and Efficacy of Fenretinide in the Treatment of Geographic Atrophy in Subjects with Age-Related Macular Degeneration", Co-Investigator, 2006-2010.
 17. **Pfizer, ITEC Group 3**, A5751016: "A Prospective, Open-Label Multi-Center Trial Evaluating The Safety And Efficacy Of 0.3 Mg/Eye Pegaptanib Sodium (Macugen) Intravitreal Injection Given Every 6 Weeks For 54 Weeks In Patients With Small Neovascular Age-Related Macular Degeneration (AMD) Lesions", Co-Investigator, 2006-2008.
 18. **Palmetto Retina Center, Pfizer, Eyetech**, PRC-001, Wells (PI): "Open Label Macugen for the Treatment of Macular Edema Secondary to Branch Retinal Vein Occlusion (BRVO)", Co-Investigator, 2006-2008.

19. **ThromboGenics**, TG-MV-003: “A Multicenter, Randomized, Placebo-Controlled, Double-Masked, Parallel Group, Dose-Ranging Clinical Trial of Intravitreal Microplasmin in Patients Undergoing Surgical Vitrectomy: The MIVI III (Microplasmin For Vitreous Injection III) Trial”, Co-Investigator, 2006-2008.
20. **Allergan Posurdex**, 206207-011: “A Study of the Safety and Efficacy of a New Treatment for Diabetic Macular Edema (RVO)”, Co-Investigator, 2005-2012.
21. **Alcon Research**, C-02-60, Zilliox (PI): “Anecortave Acetate Risk-Reduction Trial (AART)”, Co-Investigator, 2004-2009.
22. **Allergan Posurdex**, 206207-008: “A Study of the Safety and Efficacy of a New Treatment for Macular Edema Resulting From Retinal Vein Occlusion (DME)”, Co-Investigator, 2004-2008.

PRESENTATIONS AND INVITED LECTURES

Local

1. **Oliver SCN**. Emerging Treatments for Retinal Vein Occlusion. Rocky Mountain Lions Eye Institute Resident Seminar, April 2004.
2. **Oliver SCN**. Age-related macular degeneration: what's new and what's in the pipeline. Rocky Mountain Lions Eye Institute Resident Seminar, June 2005.
3. **Oliver SCN**. Indocyanine Green Angiography in Age-Related Macular Degeneration. Rocky Mountain Lions Eye Institute Resident Seminar, 2006.
4. **Oliver SCN**. Ultra-Wide-Field Fluorescein Angiography. Department of Ophthalmology, University of Colorado School of Medicine, Denver, CO. Invited Grand Rounds Lecture, November 16, 2007.
5. **Oliver SCN**. Advances in Angiography for Retinal Vascular Disease. 12th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Denver, CO. September 19, 2008.
6. **Oliver SCN**. Diabetic Retinopathy for the Non-Ophthalmologist. Invited Grand Rounds Lecture, Division of Endocrinology, Metabolism and Diabetes, University of Colorado School of Medicine, Denver, CO. March 18, 2009.
7. **Oliver SCN**. Advances in Age-Related Macular Degeneration (AMD). Glaucoma Education, Resources, and Support Group (GERS) of Denver. Invited lecture, July 11, 2009. Aurora, CO
8. **Oliver SCN**. Beyond Globe Preservation – Emerging Treatments for Choroidal Melanoma. 13th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Denver, CO. September 25, 2010.
9. **Oliver SCN**. Advances in Vision Preservation after Brachytherapy for Choroidal Melanoma. 14th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Denver, CO. October 1, 2010.
10. **Oliver SCN**. Update on Radiation Shielding in the Treatment of Choroidal Melanoma. 15th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. October 14, 2011.

11. **Oliver SCN.** Pediatric Retinal Surgery – A Worthwhile Endeavor? 15th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. October 14, 2011.
12. **Oliver SCN.** Ophthalmic Manifestations of Systemic Disease. Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. Invited Grand Rounds lecture, December 16, 2011.
13. **Oliver SCN.** Update on Cytogenetic Testing for Choroidal Melanoma. 15th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. October 12, 2012.
14. **Oliver SCN.** Syndromic Associations with FEVR, with identification of a possible new gene locus. 15th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. October 13, 2012.
15. **Oliver SCN.** A Lost Cause or a Lost Art? Outcomes for “Inoperable” Complex Retinal Detachment. 17th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. October 12, 2013.
16. **Oliver SCN.** Wide-field Imaging of Pediatric Retinal Disease. 18th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. September 12, 2014.
17. **Oliver SCN.** Wide-field Imaging of Pediatric Retinal Disease. American Association of Certified Orthoptists, Joint Regional Meeting. Denver, CO. May 29, 2015.
18. **Oliver SCN.** Retinal OCT as a Primary Management Tool for Macular Disease. 19th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. September 18, 2015.
19. **Oliver SCN.** Evaluating outcomes in vitreoretinal surgery. 20th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. September 23, 2016.
20. **Oliver SCN.** Intraocular Tumors 2016. Updates in the Diagnosis and Treatment of Posterior Segment Disease. COPE Course, #50547-PS, Aurora, CO. October 27, 2016.
21. **Oliver SCN.** Beyond globe salvage – brachytherapy for choroidal melanoma. Invited Lecture, Resident Education Series, Department of Radiation Oncology, University of Colorado School of Medicine, Aurora, CO. Nov 4, 2016.
22. **Oliver SCN.** Ethical Dilemmas in Ocular Oncology. Tumor Board, Department of Ophthalmology, CUSOM, Aurora, CO. May 5, 2017.
23. **Oliver SCN.** What’s New in Uveal Melanoma 2017? 21st Annual Ophthalmology Symposium, University of Colorado School of Medicine. September 15, 2017.
24. **Oliver SCN.** Treatment of Retinoblastoma 2017. Tumor Board, Department of Ophthalmology, CUSOM, Aurora, CO. January 29, 2018.

Regional

1. **Oliver SCN.** Update on Intraocular Tumors 2012. 29th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 16, 2012.

2. **Oliver SCN.** Surgical Challenges in Pediatric Retina. 28th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 17, 2011.
3. **Oliver SCN.** Ultra-Wide-Field Fluorescein Angiography for Retinal Vascular Disease. 28th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 17, 2011.
4. **Oliver SCN.** Update on Fine Needle Aspiration Biopsy and Cytogenetic Analysis of Choroidal Melanoma. 28th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 18, 2011.
5. **Oliver SCN.** Utilizing Retinal OCT in a Comprehensive Ophthalmology Practice. 29th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 15, 2012.
6. **Oliver SCN.** Surgical Challenges in Pediatric Retina. 29th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 15, 2012.
7. **Oliver SCN.** Practical Guide to OCT Interpretation. Snowmass Ophthalmology Conference, Snowmass Village, CO. February 15, 2013.
8. **Oliver SCN.** Update on Choroidal Melanoma. Snowmass Ophthalmology Conference, Snowmass Village, CO. February 15, 2013.
9. **Oliver SCN.** Molecular Classification and Testing for Choroidal Melanoma. 30th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 15, 2013.
10. **Oliver SCN.** Surgical Challenges in Pediatric Retina. 30th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 15, 2013.
11. **Oliver SCN.** OCT Seminar. 32nd Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 19, 2015.
12. **Oliver SCN.** Lost Cause or Lost Art: Surgery for “Inoperable” Retinal Detachments. 32nd Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 19, 2015.
13. **Oliver SCN.** Ultra -Wide-Field Fluorescein Angiography for Pediatric Retinal Diseases. 32nd Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 19, 2015.
14. **Oliver SCN.** Benchmarking Outcomes in Retinal Surgery. 33rd Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 17, 2016.
15. **Oliver SCN.** OCT Seminar. 33rd Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 17, 2016.
16. **Oliver SCN.** Macular Holes, Pseudoholes, Lamellar Holes, and Puckers. 33rd Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 17, 2016.

17. **Oliver SCN.** What's New in Uveal Melanoma? 34th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 17, 2017.
18. **Oliver SCN.** Macular Holes, Pseudoholes, Lamellar Holes, and Puckers. 34th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 17, 2017.
19. **Oliver SCN.** What's New in Uveal Melanoma 2018? 35th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 15, 2018.
20. **Oliver SCN.** What's New in Retinoblastoma 2018? 35th Annual Current Concepts in Ophthalmology (Johns Hopkins Medicine CME Lecture), Vail, CO. March 15, 2018.
21. **Oliver SCN.** Beyond Eye Treatment for Uveal Melanoma. 7th Annual Eyes on a Cure: Ocular Melanoma Patient & Caregiver Symposium (CureOM/Melanoma Research Foundation), Denver, CO. April 21, 2018.

National

1. **Oliver SCN,** Murphy JD. Developing Community Consensus for Life Sustaining Interventions. The University of New Mexico Health Sciences Center (UNMHSC) Biomedical Ethics Committee 7th Annual Symposium, Albuquerque, NM. October, 1999.
2. **Oliver SCN.** Ultra-Wide-Field Fluorescein Angiography. Fluorescein angiography conference, Casey Eye Institute, Oregon Health Sciences University, Portland, OR. Invited lecture, January 11, 2008.
3. **Oliver SCN.** Ultra-Wide-Field Fluorescein Angiography. Ophthalmology Grand Rounds lecture, Jules Stein Eye Institute, University of California, Los Angeles, CA. February 27, 2008.
4. **Oliver, SCN.** Beyond Globe Preservation – Surgical Attenuation of Radiation with Silicone Oil in the Treatment of Choroidal Melanoma. Ocular Melanoma Foundation, 2nd Annual Ocular Melanoma Scientific Working Group Symposium (OMSWG), Boston, MA. October 22-23, 2010.
5. Durairaj VD, **Oliver SCN.** Practical Tips for the Oculoplastic Surgeon for Tissue Procurement for Molecular Classification in Uveal Melanoma Patients. Invited Lecturer, Advances in Orbital Oncology and Oculofacial Plastic Surgery, MD Anderson Cancer Center, Houston, TX. February 8, 2013.
6. **Oliver SCN.** Molecular Classification of Uveal Melanoma. Invited Lecturer, Advances in Orbital Oncology and Oculofacial Plastic Surgery, MD Anderson Cancer Center, Houston, TX. February 8, 2013.
7. **Oliver SCN.** Avoiding Disaster in Retinoblastoma. First Stein Retina Fellow Alumni Surgical Rounds, Los Angeles, CA. April 28, 2018

International

1. **Oliver SCN.** Actualidades en la Melanoma Coroídeo. Mexican Retina Society, Invited Lecture, Mexico City, México. October 25, 2010.

2. **Oliver SCN.** Challenges in the Management of Pediatric Surgical Retinal Disease. Mennelik II Hospital, Addis Ababa, Ethiopia. November 7, 2012.
3. **Oliver SCN.** Retinoblastoma. Mennelik II Hospital, Addis Ababa, Ethiopia. November 7, 2012.
4. **Oliver SCN.** Bilateral Diffuse Uveal Melanocytic Proliferation. Invited lecture. Mennelik II Hospital, Addis Ababa, Ethiopia. November 13, 2012.
5. **Oliver SCN.** Development of Atrophy in Neovascular AMD Treated with Ranibizumab in the HARBOR Study. World Ophthalmology Congress, Guadalajara, Mexico. February 7, 2016.

TEACHING RECORD

Resident & Medical Student Teaching

1. **Oliver SCN.** Ultra-Wide-Field Fluorescein Angiography. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Denver, CO. November 16, 2007.
2. **Oliver SCN.** Retina and Vitreous: Basic Anatomy, Diagnostic Approach to Retinal Disease, Retinal Physiology and Psychophysics, Laser Therapy for Posterior Segment Diseases, Vitreoretinal Surgery. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Denver, CO. September 29, 2008.
3. **Oliver SCN.** Intraocular Inflammation and Uveitis: Intermediate Uveitis, Posterior Uveitis. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Denver, CO. October 27, 2008.
4. **Oliver SCN.** Retina and Vitreous: Retinal Vascular Disease. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Denver, CO. November 24, 2008.
5. **Oliver SCN.** Intraocular Inflammation and Uveitis: Panuveitis, Infectious Uveitis, Endophthalmitis, Masquerade Syndromes, Hypotony through Retinal and Choroidal Neovascularization, Ocular Involvement in AIDS. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Denver, CO. January 5, 2009.
6. **Oliver SCN.** The Funduscopy Exam and Common Retinal Findings of Systemic Disease. Invited lecture, Ophthalmology Interest Group, University of Colorado School of Medicine, Denver, CO. May 13, 2010.
7. **Oliver SCN.** Update on Choroidal Melanoma. Invited Lecture, Department of Radiation Oncology, University of Colorado School of Medicine, Denver, CO. August 9, 2010.
8. **Oliver SCN.** Retina and Vitreous: Basic Anatomy, Diagnostic Approach to Retinal Disease, Retinal Physiology and Psychophysics, and Retinal Vascular Disease. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Denver, CO. September 3, 2010.

9. **Oliver SCN.** Retina and Vitreous: Vitreoretinal Surgery, Ophthalmic Ultrasound, Adverse Effects of Electromagnetic Energy on the Retina, Photocoagulation, and Photodynamic Therapy. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Denver, CO. September 17, 2010.
10. **Oliver SCN.** Retina and Vitreous: Retinal Diagnostic Imaging, Retinal Vascular Tumors, and Choroidal Tumors. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. February 1, 2013.
11. **Oliver SCN.** Ocular Findings in Systemic Disease – an Update for Primary Care Physicians. Exempla Saint Joseph Hospital Invited Lecture. Denver, CO February 11, 2013.
12. **Oliver SCN.** Basic Science. Tumors and Imaging in Retina. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. September 5, 2014.
13. **Oliver SCN.** Basic Science. Retina: Tumors and Imaging. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. January 29, 2016.
14. **Oliver SCN.** Ophthalmic Manifestations of Systemic Disease. Ophthalmic Knowledge Assessment Program (OKAP) Review Lecture. Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. January 24, 2017.
15. **Oliver SCN.** Basic Science. Intraocular Tumors. Basic and Clinical Science Lecture Series, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. November 3, 2017.

Continuing Education for Physicians, Nurses & Ophthalmic Personnel

1. **Oliver SCN.** Vitreoretinal Surgery Orientation. Nursing Lecture, Ronald Reagan Medical Center, Los Angeles, CA. May 15, 2008
2. **Oliver SCN.** Phototoxicity in macular surgery. In Ciardella AP, et al. Macular Pucker and Vitreomacular Traction Syndrome. AAO Instructional Course #633, San Francisco, CA. October 27, 2009.
3. **Oliver SCN.** Posterior Segment Manifestations of Systemic Disease. Porter Adventist Hospital Ophthalmology CME, Denver, CO. Invited lecture, September 23, 2010.
4. **Oliver SCN.** Emergent retinal surgery. Retina Nurse and Technician Lecture Series, University of Colorado Hospital. Aurora, CO. March 7, 2011.
5. **Oliver SCN.** Scleral buckling versus vitrectomy for rhegmatogenous retinal detachment. Retina Nurse and Technician Lecture Series, University of Colorado Hospital. Aurora, CO. March 7, 2011.
6. **Oliver SCN.** Intraocular Tumors. Colorado Cancer Registrars Association, Fall Conference, Aurora, CO. September 30, 2011.

7. **Oliver SCN**, Siatkowski RM. Best of the Posterior Segment Specialty Meetings 2012. American Academy of Ophthalmology Annual Meeting, New Orleans, LA. November 11, 2012. [SYM03, Session Chair]
8. **Oliver SCN**. Perioperative considerations in the treatment of choroidal melanoma. Continuing Education Seminar, AOP Nurses, University of Colorado Hospital. Aurora, CO. October 14, 2013.
9. **Oliver SCN**. Best of the Posterior Segment Specialty Meetings 2013. American Academy of Ophthalmology Annual Meeting, New Orleans, LA. November 19, 2013. [SYM22, Session Chair]
10. **Oliver SCN**, Volpe NJ. Best of the Posterior Segment Specialty Meetings 2014. American Academy of Ophthalmology Annual Meeting, New Orleans, LA. October 20, 2014. [SYM36, Session Chair]
11. **Oliver SCN**. Brachytherapy for Eye Cancer. Nurse Education Seminar, UCHealth Eye Surgery Center. UCHealth Eye Center, Aurora CO. July 27, 2015.
12. **Oliver SCN**. Lasers in the Ophthalmic OR. Nurse Education Seminar, UCHealth Eye Surgery Center. UCHealth Eye Center, Aurora CO. November 23, 2015.

Teaching Duties

- Full-time contact with medical students, residents and fellows in clinic and the operating room
- Supervision of retina fellow clinics and staffing of their surgeries (1-4 cases per week)
- Retina Fluorescein Angiography Conference
- Retina Surgical Conference
- Retina Conference
- Retina Journal Club

Clinical Fellows Trained

2009 – 2011 Chirag C. Patel, MD: The Retina Group, Columbus, OH
 2010 – 2012 Benjamin J. Ernst, MD: Northeast Wisconsin Retina Associates, Green Bay, WI
 2011 – 2013 Ramanath Bhandari, MD: Springfield Clinic Eye Institute, Springfield, IL
 2012 – 2014 Marc Mathias, MD: Assistant Professor, University of Colorado, Aurora, CO
 2013 – 2015 Frank S. Siringo, MD, OD: Assistant Professor, University of Colorado, Aurora, CO
 2014 – 2016 Richard Y. Hwang, MD, PhD: Southwest Retina Consultants, El Paso, TX
 2015 – 2017 Nathan R. Haines, MD: Piedmont Retina Specialists, Winston-Salem, NC
 2016 – 2018 Eric G. Feinstein, MD: Central Florida Retina, Orlando FL
 2017 – 2019 Joel Chasan, MD
 2017 – 2019 Marisa Lau, MD
 2018 – 2020 Matthew Powers, MD

Mentees

2009 – 2010 Victor Hsu, UCCC Summer Research Fellow (CUSOM MD, class of 2013)
 2010 Lucy Bollinger, UCCC Undergraduate Summer Research Fellow
 2016 – 2017 James Snitzer, BS, Professional Research Assistant

2017 Samantha Little, Undergraduate Research Assistant
2017 – Matthew Geiger, BS, Professional Research Assistant

BIBLIOGRAPHY

Peer Reviewed Publications

1. Murphy DJ, Gahm GJ, Santilli S, North P, **Oliver SC**, Shapiro H. [Seniors' preferences for cancer screening and medication use based on absolute risk reduction.](#) J Gerontol A Biol Sci Med Sci. 2002 Feb;57(2):M100-5. PubMed PMID: 11818428.
2. **Oliver SC**, Bennett JL. [Genetic disorders and the optic nerve: a clinical survey.](#) Ophthalmol Clin North Am. 2004 Sep;17(3):435-45, vii. Review. PubMed PMID: 15337198.
3. **Oliver SC**, Ciardella AP, Sands RE, Conway J, Yannuzzi L, Durairaj VD. [Posterior scleral choristomas and trigeminal lipoma in the organoid nevus syndrome.](#) Retin Cases Brief Rep. 2007 Spring;1(2):82-4. doi: 10.1097/01.ICB.0000264807.94482.86. PubMed PMID: 25390483.
4. **Oliver SC**, Mandava N. [Ultrasonographic signs in complete optic nerve avulsion.](#) Arch Ophthalmol. 2007 May;125(5):716. PubMed PMID: 17502521.
5. Kelmenson AT, **Oliver SC**, Durairaj VD. [Sarcoid-induced symblepharon.](#) Indian J Ophthalmol. 2008 Jul-Aug;56(4):344-5. PubMed PMID: 18580006; PubMed Central PMCID: PMC2636166.
6. Hink EM, **Oliver SC**, Drack AV, Hawes MJ, Wojno TH, On AV, Durairaj VD. [Pediatric golf-related ophthalmic injuries.](#) Arch Ophthalmol. 2008 Sep;126(9):1252-6. doi: 10.1001/archophth.126.9.1252. PubMed PMID: 18779486.
7. **Oliver SC**, Young TA, Kobe LH, Leu MY, Lee SP, Chun MW, Straatsma BR. [Assessment of central vision and macular structure in patients undergoing iodine-125 brachytherapy for ciliochoroidal melanoma.](#) Am J Clin Oncol. 2008 Oct;31(5):488-92. doi: 10.1097/COC.0b013e31816d1c94. PubMed PMID: 18838887.
8. Kaines A, **Oliver S**, Reddy S, Schwartz SD. [Ultrawide angle angiography for the detection and management of diabetic retinopathy.](#) Int Ophthalmol Clin. 2009 Spring;49(2):53-9. doi: 10.1097/IIO.0b013e31819fd471. Review. PubMed PMID: 19349786.
9. Wen JC, **Oliver SC**, McCannel TA. [Ocular complications following I-125 brachytherapy for choroidal melanoma.](#) Eye (Lond). 2009 Jun;23(6):1254-68. doi: 10.1038/eye.2009.43. Epub 2009 Mar 6. Review. PubMed PMID: 19265865.
10. Hu AY, Bourges JL, Shah SP, Gupta A, Gonzales CR, **Oliver SC**, Schwartz SD. [Endophthalmitis after pars plana vitrectomy a 20- and 25-gauge comparison.](#) Ophthalmology. 2009 Jul;116(7):1360-5. doi: 10.1016/j.ophtha.2009.01.045. PubMed PMID: 19576499.
11. Dixon JA, **Oliver SC**, Olson JL, Mandava N. [VEGF Trap-Eye for the treatment of neovascular age-related macular degeneration.](#) Expert Opin Investig Drugs. 2009 Oct;18(10):1573-80. doi: 10.1517/13543780903201684. Review. PubMed PMID: 19694600.

12. **Oliver SC**, Schwartz SD. [Peripheral vessel leakage \(PVL\): a new angiographic finding in diabetic retinopathy identified with ultra wide-field fluorescein angiography.](#) Semin Ophthalmol. 2010 Jan-Mar;25(1-2):27-33. doi: 10.3109/08820538.2010.481239. PubMed PMID: 20507194.
13. Fante RJ, Durairaj VD, **Oliver SC**. [Diabetic retinopathy: An update on treatment.](#) Am J Med. 2010 Mar;123(3):213-6. doi: 10.1016/j.amjmed.2009.09.020. PubMed PMID: 20193825.
14. Prasad PS, **Oliver SC**, Gonzales CR. [Midlenticular Optic Opacification af a Hydrophobic Acrylic Intraocular Lens in Association with Retained Perfluorocarbon Liquid Following Vitreoretinal Surgery.](#) Ophthalmic Surg Lasers Imaging. 2010 Mar 9:1-2. doi: 10.3928/15428877-20100215-18. [Epub ahead of print] PubMed PMID: 20337353.
15. Kunjukunju N, Navarro A, **Oliver S**, Olson J, Patel C, Garcia G, Mandava N, Quiroz-Mercado H. [Bilateral macular hole formation secondary to sclopetaria caused by shockwaves transmitted by a posterior vector: case report.](#) BMC Ophthalmol. 2010 Mar 19;10:6. doi: 10.1186/1471-2415-10-6. PubMed PMID: 20298610; PubMed Central PMCID: PMC2847549.
16. Prasad PS, **Oliver SC**, Coffee RE, Hubschman JP, Schwartz SD. [Ultra wide-field angiographic characteristics of branch retinal and hemicentral retinal vein occlusion.](#) Ophthalmology. 2010 Apr;117(4):780-4. doi: 10.1016/j.ophtha.2009.09.019. Epub 2010 Jan 4. PubMed PMID: 20045570.
17. **Oliver SC**, Leu MY, DeMarco JJ, Chow PE, Lee SP, McCannel TA. [Attenuation of iodine 125 radiation with vitreous substitutes in the treatment of uveal melanoma.](#) Arch Ophthalmol. 2010 Jul;128(7):888-93. doi: 10.1001/archophthalmol.2010.117. PubMed PMID: 20625051.
18. McCourt EA, Hink EM, Durairaj VD, **Oliver SC**. [Isolated group B streptococcal endogenous endophthalmitis simulating retinoblastoma or persistent fetal vasculature in a healthy full-term infant.](#) J AAPOS. 2010 Aug;14(4):352-5. doi: 10.1016/j.jaapos.2010.04.012. Epub 2010 Jul 16. PubMed PMID: 20637664.
19. Patel CC, Grinblatt A, Korotkin A, Mandava N, **Oliver SC**, Olson JL, Quiroz-Mercado H. [A novel vitreoretinal dissector for use in vitrectomy.](#) Retina. 2011 Jan;31(1):188-9. doi: 10.1097/IAE.0b013e318206cf35. PubMed PMID: 21187736.
20. Tsui I, Kaines A, Havunjian MA, Hubschman S, Heilweil G, Prasad PS, **Oliver SC**, Yu F, Bitrian E, Hubschman JP, Friberg T, Schwartz SD. [Ischemic index and neovascularization in central retinal vein occlusion.](#) Retina. 2011 Jan;31(1):105-10. doi: 10.1097/IAE.0b013e3181e36c6d. PubMed PMID: 21099454.
21. Pan CK, Durairaj C, Kompella UB, Agwu O, **Oliver SC**, Quiroz-Mercado H, Mandava N, Olson JL. [Comparison of long-acting bevacizumab formulations in the treatment of choroidal neovascularization in a rat model.](#) J Ocul Pharmacol Ther. 2011 Jun;27(3):219-24. doi: 10.1089/jop.2010.0158. Epub 2011 May 16. PubMed PMID: 21574814; PubMed Central PMCID: PMC3107977.
22. Glazier R, **Oliver SC**, Levy M, Gelston C. [Successful Treatment of Paecilomyces lilacinus Keratitis and Endophthalmitis with Penetrating Keratoplasty, Pars Plana](#)

- [Vitreotomy, Intravitreal and Oral Voriconazole](#). Journal of clinical & experimental ophthalmology. 2012; (3):253. doi:10.4172/2155-9570.1000253.
23. Patel CC, Mandava N, **Oliver SC**, Braverman R, Quiroz-Mercado H, Olson JL. [Treatment of intractable posterior uveitis in pediatric patients with the fluocinolone acetonide intravitreal implant \(Retisert\)](#). Retina. 2012 Mar;32(3):537-42. doi: 10.1097/IAE.0b013e31822058bb. PubMed PMID: 21963487.
 24. Mathias M, Ernst BJ, Pichi F, Torrazza C, Ciardella A, **Oliver SC**. [Thermal deformation of chandelier endoillumination probes exposed to uveal tissue and blood](#). Retina. 2012 Apr;32(4):773-5. doi: 10.1097/IAE.0b013e3182252aff. PubMed PMID: 22080910.
 25. Ernst BJ, García-Aguirre G, **Oliver SC**, Olson JL, Mandava N, Quiroz-Mercado H. [Intravitreal bevacizumab versus panretinal photocoagulation for treatment-naïve proliferative and severe nonproliferative diabetic retinopathy](#). Acta Ophthalmol. 2012 Nov;90(7):e573-4. doi: 10.1111/j.1755-3768.2011.02364.x. Epub 2012 Mar 9. PubMed PMID: 22405048.
 26. Velez-Montoya R, Patel C, **Oliver SC**, Quiroz-Mercado H, Mandava N, Olson JL. [Intraocular Microsurgical Forceps \(20, 23, and 25 gauge\) Membrane Peeling Forces Assessment](#). J Ophthalmol. 2013;2013:784172. doi: 10.1155/2013/784172. Epub 2013 Jun 24. PubMed PMID: 23956842; PubMed Central PMCID: PMC3707222.
 27. Soohoo JR, McCourt EA, Lenahan DS, **Oliver SC**. [Fluorescein angiogram findings in a case of cutis marmorata telangiectatica congenita](#). Ophthalmic Surg Lasers Imaging Retina. 2013 Jul-Aug;44(4):398-400. doi: 10.3928/23258160-20130604-01. Epub 2013 Jun 12. PubMed PMID: 23758322.
 28. Gustave BW, **Oliver SC**, Mathias M, Velez-Montoya R, Quiroz-Mercado H, Olson JL, Mandava N, Bhandari R. [Reversal of paracentral occlusive retinopathy in a case of sickle cell disease using exchange transfusion](#). Ophthalmic Surg Lasers Imaging Retina. 2013 Sep-Oct;44(5):505-7. doi: 10.3928/23258160-20130909-18. PubMed PMID: 24044719.
 29. Velez-Montoya R, **Oliver SC**, Olson JL, Fine SL, Mandava N, Quiroz-Mercado H. [Current knowledge and trends in age-related macular degeneration: today's and future treatments](#). Retina. 2013 Sep;33(8):1487-502. doi: 10.1097/IAE.0b013e318271f265. Review. PubMed PMID: 23222393.
 30. Bhandari R, Dacey M, Schwartz S, Olson J, Quiroz-Mercado H, Mandava N, **Oliver SC**. [Vogt-Koyanagi-Harada disease masquerading as a lymphoproliferative process of the uvea](#). Br J Ophthalmol. 2013 Nov;97(11):1482-3, 1489-90. doi: 10.1136/bjophthalmol-2013-303640. Epub 2013 Aug 2. PubMed PMID: 23913248.
 31. Olson JL, Wei LA, Fortin MJ, **Oliver SC**, Quiroz-Mercado H, Mandava N, Korotkin A. [Performance characteristics of a straight versus bent 25-gauge vitrector](#). Ophthalmic Surg Lasers Imaging Retina. 2014 Mar-Apr;45(2):153-5. doi: 10.3928/23258160-20140306-10. PubMed PMID: 24635158.
 32. Velez-Montoya R, **Oliver SC**, Olson JL, Fine SL, Quiroz-Mercado H, Mandava N. [Current knowledge and trends in age-related macular degeneration: genetics, epidemiology, and prevention](#). Retina. 2014 Mar;34(3):423-41. doi: 10.1097/IAE.0000000000000036. Review. PubMed PMID: 24285245.

33. Tsui I, Beardsley RM, McCannel TA, **Oliver SC**, Chun MW, Lee SP, Chow PE, Agazaryan N, Yu F, Straatsma BR. [Visual Acuity, Contrast Sensitivity and Color Vision Three Years After Iodine-125 Brachytherapy for Choroidal and Ciliary Body Melanoma](#). Open Ophthalmol J. 2015 Jun 26;9:131-5. doi: 10.2174/1874364101509010131. eCollection 2015. PubMed PMID: 26312123; PubMed Central PMCID: PMC4541296.
34. Schwartz S, Gonzalez CL, Bhandari R, **Oliver SN**, Mandava N, Quiroz-Mercado H. [Retina evaluation with nonmydriatic ultra wide-field color imaging after cataract extraction surgeries in asymptomatic patients](#). Ophthalmic Surg Lasers Imaging Retina. 2015 Jan;46(1):50-5. doi: 10.3928/23258160-20150101-08. PubMed PMID: 25559509.
35. Salcedo-Villanueva G, Paciuc-Beja M, Harasawa M, Velez-Montoya R, Olson JL, **Oliver SC**, Mandava N, Quiroz-Mercado H. [Identification and biometry of horizontal extraocular muscle tendons using optical coherence tomography](#). Graefes Arch Clin Exp Ophthalmol. 2015 Mar;253(3):477-85. doi: 10.1007/s00417-014-2862-5. Epub 2014 Dec 3. PubMed PMID: 25467758.
36. Salcedo-Villanueva G, Harasawa M, Velez-Montoya R, Mathias MT, Siringo FS, Olson JL, **Oliver SC**, Mandava N, Quiroz-Mercado H. [Spectral domain optical coherence tomographic analysis of healthy retina in branch retinal vein occlusion and its response to antiangiogenic therapy](#). Retina. 2015 Apr;35(4):704-14. doi: 10.1097/IAE.0000000000000373. PubMed PMID: 25313712.
37. Weisfeld-Adams JD, McCourt EA, Diaz GA, **Oliver SC**. [Ocular disease in the cobalamin C defect: a review of the literature and a suggested framework for clinical surveillance](#). Mol Genet Metab. 2015 Apr;114(4):537-46. doi: 10.1016/j.ymgme.2015.01.012. Epub 2015 Feb 19. Review. PubMed PMID: 25742969.
38. Salcedo-Villanueva G, Paciuc-Beja M, Villanueva-Mendoza C, Harasawa M, Smith JM, Velez-Montoya R, Olson JL, **Oliver SC**, Mandava N, Quiroz-Mercado H. [Progression of gyrate atrophy measured with ultra wide-field imaging](#). Int Ophthalmol. 2016 Feb;36(1):111-20. doi: 10.1007/s10792-015-0085-3. Epub 2015 May 26. PubMed PMID: 26003990.
39. Smith JM, Mathias MT, **Oliver SC**, Mandava N, Olson JL, Quiroz-Mercado H, Palestine AG. [The influence of needle gauge and infection source on vitreous aspirate cultures](#). Br J Ophthalmol. 2016 Apr;100(4):453-5. doi: 10.1136/bjophthalmol-2015-307081. Epub 2015 Aug 12. PubMed PMID: 26269533.
40. Lynch AM, Wagner BD, Mandava N, Palestine AG, Mourani PM, McCourt EA, **Oliver SC**, Abman SH. [The Relationship of Novel Plasma Proteins in the Early Neonatal Period With Retinopathy of Prematurity](#). Invest Ophthalmol Vis Sci. 2016 Sep 1;57(11):5076-5082. doi: 10.1167/iovs.16-19653. PubMed PMID: 27679852; PubMed Central PMCID: PMC5053115.
41. Smith JM, Hwang RY, Siringo F, Quiroz-Mercado H, **Oliver SC**, Mandava N, Mathias MT, Olson JL. [Concurrent Endophthalmitis and Anterior Segment Ischemia after Strabismus Surgery](#). Retin Cases Brief Rep. 2017 Spring;11(2):148-151. doi: 10.1097/ICB.0000000000000315. PubMed PMID: 27124792.

42. Zhelnin KE, Gebhard GM, Mirsky DM, **Oliver SC**, Lovell MA, Galambos C, Crombleholme T, McCourt EA. [Pediatric intraocular immature teratoma associated with sacrococcygeal teratoma](#). *Pediatr Dev Pathol*. 2017 Jun;20(3):240-244. doi: 10.1177/1093526616686233. Epub 2017 Jan 25. PubMed PMID: 28521629.
43. Manoharan N, Pecen PE, Cherof AM, **Oliver SCN**, Palestine AG. [Comparison of Oral Versus Intravenous Fluorescein Angiography in Ambulatory Pediatric Patients](#). *J VitreoRetinal Dis*. 2017 Apr 20;1(3):191-96. doi:10.1177/2474126417705256.
44. Lynch AM, Patnaik JL, Cathcart JN, Mathias MT, Siringo FS, Echalié LE, Wagner BD, **Oliver SCN**, Pecen PE, Olson JL, Fine SL, Palestine AG, Mandava N. [Colorado age-related Macular Degeneration Registry: Design and Clinical Risk Factors of the Cohort](#). *Retina*. 2018 Jan 31. doi: 10.1097/IAE.0000000000002023. [Epub ahead of print]. PubMed PMID: 29283981.
45. Velez-Montoya R, Rangel-O'Shea D, **Oliver SC**. [Re: Francis et al.: Clinical and morphologic characteristics of MEK inhibitor-associated retinopathy: differences from central serous chorioretinopathy \(Ophthalmology. 2017;124:1788-1798\)](#). *Ophthalmology*. 2018 Apr;125(4):e30-e31. doi:10.1016/j.ophtha.2017.11.001. PubMed PMID: 29566878.

INVITED CHAPTERS

1. **Oliver SC**, Ciardella AP, Ferrara DC, Slakter JS, Yannuzzi LA. Age-Related Macular Degeneration. 2nd ed. Lim JI, editor. New York: Taylor & Francis; 2007. Chapter 9, Indocyanine Green Angiography in Age-Related Macular Degeneration; p.159-176.
2. **Oliver SC**, Schwartz SD. Retinal Angiography and Optical Coherence Tomography. Arévalo JF, editor. New York: Springer; 2009. Chapter 23, Ultra-wide angle fluorescein angiography; p.407-417.
3. Patel CC, **Oliver SC**, Mandava N, Olson JL, Quiroz-Mercado H. Macular Surgery. 2nd ed. Quiroz-Mercado H, Kerrison JB, Alfaro III DV, Mieler WF, Liggett PE, editors. Philadelphia: Wolters Kluwer; 2011. Chapter 40, Implications of the Off-Label Use of Medications in Vitreoretinal Surgery; p.359-60.
4. Pan CK, **Oliver SC**. Berman's Pediatric Decision Making. 5th ed. Bajaj L, Hambidge S, Kerby G, Nyquist AC, editors. Philadelphia, PA: Elsevier; 2011. Periorbital (Preseptal) Cellulitis; p.382-3.
5. Pan CK, **Oliver SC**. Berman's Pediatric Decision Making. 5th ed. Bajaj L, Hambidge S, Kerby G, Nyquist AC, editors. Philadelphia: Elsevier; 2011. Orbital Cellulitis or Abscess; p.390.
6. Pan CK, **Oliver SC**. Berman's Pediatric Decision Making. 5th ed. Bajaj L, Hambidge S, Kerby G, Nyquist AC, editors. Philadelphia: Elsevier; 2011. Ocular Injury; p.448.
7. Pan CK, **Oliver SC**. Berman's Pediatric Decision Making. 5th ed. Bajaj L, Hambidge S, Kerby G, Nyquist AC, editors. Philadelphia: Elsevier; 2011. Evaluation of Poor Vision; p.380-1.
8. Seibold LK, **Oliver SC**. Berman's Pediatric Decision Making. 5th ed. Bajaj L, Hambidge S, Kerby G, Nyquist AC, editors. Philadelphia: Elsevier; 2011. Evaluation of Strabismus (Eye Misalignment); p.388-9.

9. Seibold LK, **Oliver SC**. Berman's Pediatric Decision Making. 5th ed. Bajaj L, Hambidge S, Kerby G, Nyquist AC, editors. Philadelphia, PA: Elsevier; 2011. Conjunctivitis/Red, Painful Eye; p.384.
10. Patel CC, Olson JL, Mandava NM, **Oliver SC**. Wills Eye Institute 5-Minute Ophthalmology Consult. 1st ed. Maguire JI, Murchison AP, Jaeger EA, editors. Philadelphia, PA: Wolters Kluwer; 2012. Granulomatous uveitis.
11. Christensen LL, Haines NR, **Oliver SCN**. Ophthalmology in Extreme Environments. Subramanian PS, editor. New York: Springer. Modern Eye Trauma Surgery and Outcomes. [under review]

OTHER PRODUCTS OF SCHOLARSHIP

Publications, Presentations and Lay Articles

1. **Oliver SCN**. Annual Resident Grand Rounds & Morning Report Compilation. [CD-ROM]. Department of Ophthalmology, University of Colorado School of Medicine, 2003-2006.
2. **Oliver SC**, Schwartz SD. The KOL Corner: Posterior Segment Trauma. Retina Times. Summer 2008; 26(25):33-5.
3. Sharma S. Ophthalmic Injuries among Children Playing Golf Generally Preventable. [Video]. InsiderMedicine. 2008 September. Available from: http://www.insidermedicine.com/archives/Ophthalmic_Injuries_Among_Children_Playing_Golf_Generally_Preventable_2849.aspx
4. **Oliver SC**. Current Diagnostic, Preventive, and Investigational Therapies for Age-Related Macular Degeneration. The Ophth Report. Winter 2008; 1(2):12-18.
5. **Oliver SC**. [Reaching for the Periphery: Learn how you can use ultra wide-field imaging to improve patient care](#). Retinal Physician. 2009 March.
6. Tenku KE, Kahook MY, Barnett C, Mandava N, **Oliver SCN**. [Imaging for Diabetic Macular Edema: An Overview of the Retina Module of the Heidelberg Retina Tomograph 3](#). Retina Today. 2009 May;72-5.
7. **Oliver SCN**. Managing retina surgery with the OPMI Lumera 700 microscope and Resight fundus viewing system. Booth presentation, American Academy of Ophthalmology, San Francisco, CA. October 25, 2009
8. **Oliver SC**. Lipemia retinalis. [Photograph]. New York: Saunders - Elsevier; 2010. In Yannuzzi LA. The Retinal Atlas.
9. Prasad P, Tsui I, **Oliver SC**, Schwartz SD, Sadda SR, Walsh AC. Wide-Field Fluorescein Angiography. Retina Times. 2010; 28(35):18-21.
10. **Oliver SCN**. Redefining Workflow in Retina Surgery! Zeiss CME Lecture, Chicago, IL. October 16, 2010.
11. **Oliver SCN**. Retinal Membrane Peeling Using the RESIGHT non-contact Visualization System. Booth Presentation, American Academy of Ophthalmology, Chicago, IL. October 17, 2010.
12. Patel CC, **Oliver SC**, Olson JL, Mandava N, Quiroz-Mercado H. Pars Plana Vitrectomy. [revised 2015 April]. [Internet]. eMedicine from WebMD. 2011 January. Available from: <http://emedicine.medscape.com/article/1844160-overview>.

13. **Oliver SCN**, Yates W. Amelanotic Melanoma. [revised 2015 November]. [Photograph]. Retina Image Bank, American Society of Retina Specialists. 2015 October. Available from: <http://imagebank.asrs.org/file/25843/amelanotic-melanoma>.
14. **Oliver SCN**. What would it be like to be BLIND? Pig eye dissection lab. St. Elizabeth's School, Denver, CO. Feb 1, 2016.
15. **Oliver SCN**. Is the Argus II Bionic Eye Right for You? Foundation Fighting Blindness, Denver Chapter Presentation. April 9, 2016.
16. **Oliver SCN**. Argus II Retinal Prosthesis. Presentation, Lions Club, Denver Den. April 12, 2016.
17. Siringo FS, Manoharan N, **Oliver SCN**. Surgical Removal of Intraocular Airsoft Pellet after Globe Penetration. American Society of Retina Specialists Annual Film Festival, 2017. [film]
18. **Oliver SCN**, quoted in "Real-time imaging adds interactive dimension to vitreoretinal surgery, training." Ocular Surgery News V 35, No 15, August 10, 2017. Available from: <https://www.healio.com/ophthalmology/retina-vitreous/news/print/ocular-surgery-news/%7Bfa1feefe-9d21-4e08-9bf9-47291de74378%7D/real-time-imaging-adds-interactive-dimension-to-vitreoretinal-surgery-training>

SCIENTIFIC ABSTRACTS

Competitive

1. **Oliver SCN**. Load Testing of Geodesic Domes. The 10th Annual Junior Sciences and Humanities Symposium, Knoxville, TN. 1992.
2. **Oliver SCN**, Murphy JD. Long Term Stability of Seniors' Preferences for Life-Sustaining Interventions. Western Student Medical Research Forum, Carmel, CA. February 2000.
3. **Oliver SCN**, Ciardella AP, Durairaj VD, Sands RE, Conway J. Early Diagnosis of Organoid Nevus Syndrome, a Rare Phakomatosis: Implications for Surgical Management. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. April 2004. [[poster #3570](#)]
4. **Oliver SCN**, Petty S. A Retrospective Study of Transpupillary Thermotherapy (TTT) for Choroidal Neovascularization in AMD. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 2005. [[poster #1405](#)]
5. **Oliver SCN**, Drack AV, On AV, Wojno TH, Durairaj VD. Pediatric Golf-related Ocular Injuries. American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, Keystone, CO. March 16, 2006. [[poster #31](#)]
6. **Oliver SCN**, Young TA, Chun MW, Moral JN, Straatsma BR. Prospective Surveillance of Visual Function in Patients with Ocular Melanoma Undergoing Iodine-125 Plaque Brachytherapy. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 10, 2007. [[poster #5262](#)]
7. **Oliver SCN**, Gonzales CR, Gupta A, Schwartz SD. Zero cases of endophthalmitis in 1000+ consecutive 25-gauge transconjunctival sutureless vitrectomies: the benefit of vitreous wick repositioning. 25th Annual Meeting of the American Society of Retina Specialists, Indian Wells, CA. December 1-5, 2007. [poster presentation]

8. **Oliver SCN**, Gonzales CR, Gupta A, Kreiger AE, Young TA, Schwartz SD. Ultra-wide-field fluorescein angiography for detection of peripheral retinal pathology. 25th Annual Meeting of the American Society of Retina Specialists, Indian Wells, CA. December 4, 2007. [paper presentation]
9. Schwartz SD, **Oliver SCN**, Gonzales CR. Association of Peripheral Retinal Vascular Abnormalities Detected on Ultra Wide-Field Fluorescein Angiography With Diabetic Macular Edema and Neovascularization. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. April 30, 2008. [[paper #4524](#)]
10. **Oliver SCN**, Schwartz SD. Peripheral Non-Perfusion and Late Peripheral Vessel Leakage – The Angiographic Index for Active Diabetic Retinopathy? 26th Annual American Society of Retina Specialists Annual Meeting, Maui, HI. October 13, 2008. [paper presentation]
11. Hu AYH, Bourges JL, Shah SP, Gupta A, Gonzales CR, **Oliver SCN**, Schwartz SD. Endophthalmitis after Pars Plana Vitrectomy: a 20- and 25-gauge comparison. 26th Annual American Society of Retina Specialists Annual Meeting, Maui, HI. October 14, 2008. [paper presentation]
12. Prasad PS, **Oliver SCN**, Schwartz SD. Wide Angle Angiographic Characteristics of Branch Retinal Vein Occlusion and Hemicentral Retinal Vein Occlusion. 26th Annual American Society of Retina Specialists Annual Meeting, Maui, HI. October 14, 2008. [paper presentation]
13. **Oliver SCN**, Schwartz SD. Peripheral Non-Perfusion and Late Peripheral Vessel Leakage – The Angiographic Index for Central Retinal Vein Occlusion? 26th Annual American Society of Retina Specialists Annual Meeting, Maui, HI. October 14, 2008. [poster presentation]
14. **Oliver SCN**, Coffee RE, Schwartz SD. Peripheral Vessel Leakage and Capillary Non-Perfusion - The Ischemic Index in Central Retinal Vein Occlusion? Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 5, 2009. [[poster #3315](#)]
15. Courtney RJ, Mandava N, **Oliver SCN**, Quiroz-Mercado H, Olson JL. Intravitreal Inhibition of CNV in an Animal Model: A Comparison of Infliximab, Anakinra and LD22-4. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 5, 2009. [[poster #2964/A418](#)]
16. Pan CK, Mandava N, **Oliver SCN**, Quiroz-Mercado H, Olson JL. Comparison of Concentration and Dosage of Intravitreal Recombinant IL-1 Receptor Antagonist in the Treatment of Choroidal Neovascular Membranes in a Rat Model. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 5, 2009. [[poster #2971/A425](#)]
17. Hendrick AM, Mandava N, Quiroz-Mercado H, **Oliver SCN**, Pelak V, Olson JL. Bevacizumab for Parry-Romberg Syndrome (PRS) Associated Optic Nerve Edema: An Optical Coherence Tomography (OCT) Case Report. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 5, 2009. [[poster #3261/A279](#)]

18. Korotkin A, Quiroz-Mercado H, Mandava N, Olson JL, **Oliver SCN**, Garcia G, Grinblat A. Vitreo-Retinal Dissector (VRD) for Pars Plana Vitrectomy. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 6, 2009. [[poster #4459/A596](#)]
19. Hu AY, Bourges JL, Shah SP, Gupta A, Gonzales CR, **Oliver SCN**, Schwartz SD. Endophthalmitis after Pars Plana Vitrectomy: A 20- and 25-Gauge Comparison. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 7, 2009. [[paper #5203](#)]
20. Coffee RE, **Oliver SCN**, Schwartz SD, Friberg TR. The Development of an Ischemic Index for Assessing Diabetic Macular Edema with Scanning Laser Ophthalmoscopic Ultra Wide-Field Angiographic Imaging. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 7, 2009. [[poster #5271/A132](#)]
21. Tsui I, McCannel TA, **Oliver SCN**, Chun MW, Kobe LH, Leu MY, Lee SP, Yu F, Nulliah T, Straatsma BR. Central Vision After Treatment of Ciliochoroidal Melanoma With Iodine-125 Brachytherapy. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 7, 2009. [[paper #5705](#)]
22. **Oliver SCN**, Leu MY, DeMarco JJ, Chow PE, Lee SP, McCannel, TA. Attenuation of Iodine-125 Radiation with Vitreous Substitutes in the Treatment of Uveal Melanoma. 27th Annual American Society of Retina Specialists Annual Meeting. New York, NY. October 1, 2009. [poster presentation]
23. Stafeeva K, Pan CK, Patel CC, Olson JL, Mandava N, **Oliver SCN**, Quiroz-Mercado H. Importance of Fundus Autofluorescence (FAF) in a Series of Misdiagnosed Cases Involving Choroidal, RPE, and Retinal Pathology. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 2, 2010. [[poster #306/D659](#)]
24. Pan CK, Durairaj VD, Kompella UB, Agwu O, **Oliver SCN**, Quiroz-Mercado H, Mandava N, Olson JL. Comparison of Long-Acting Bevacizumab Formulations in the Treatment of Choroidal Neovascularization in a Rat Model. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 3, 2010. [[poster #2457/D1053](#)]
25. Quiroz-Mercado H, Patel CC, **Oliver SCN**, Olson JL, Mandava N. 25 Gauge Plus Vitrector in Lieu of Vitreoretinal Forceps for Epiretinal Membrane and Internal Limiting Membrane Peeling. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 3, 2010. [[poster #1763/A469](#)]
26. Mathias MT, **Oliver SCN**, Olson JL, Mandava N, Quiroz-Mercado H, Pichi F, Torrazza C, Ciardella A. Retinal Phototoxicity: Possible Association with Chandelier Endoillumination. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 4, 2010. [[poster #3614/A183](#)]
27. Wong LJ, Patel CC, Hink E, Durairaj VD, **Oliver SCN**. Fusobacterium nucleatum Endophthalmitis Following a Dental Procedure. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 4, 2010. [[poster #3532/A373](#)]

28. Tsui I, Beardsley RM, McCannel TA, **Oliver SCN**, Chun M, Lee S, Yu F, Straatsma BR. Central Vision Two Years after Treatment of Ciliochoroidal Melanoma with Iodine-125 Brachytherapy. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 5, 2010. [[paper #4767](#)]
29. McCourt EA, Hink EM, Olson J, Mandava N, Durairaj, **Oliver SCN**. Isolated Group B Streptococcal Endogenous Endophthalmitis Simulating Retinoblastoma in a Healthy Full-Term Infant. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 6, 2010. [[poster #5291/A144](#)]
30. Patel CC, Mandava N, Quiroz-Mercado H, **Oliver SCN**, Braverman R, Olson JL. Treatment of Intractable Posterior Uveitis in Pediatric Patients with the Fluocinolone Acetonide Intravitreal Implant (Retisert). Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 6, 2010. [[poster #5859/A12](#)]
31. Qi S, Miften M, Rice H, **Oliver S**. Investigation of Critical Ocular Structure Doses Using a 3D Plaque Simulator Model. American Association of Physicists in Medicine Annual Meeting, Philadelphia, PA. July 18, 2010. [[abstract #13999](#)]
32. **Oliver SCN**. Beyond Globe Preservation – Surgical Attenuation of Radiation with Silicone Oil in the Treatment of Choroidal Melanoma. Retina Subspecialty Day Lecture, Late Breakers Session. Annual Meeting of the American Academy of Ophthalmology, Chicago, IL. October 16, 2010. [lecture RET18]
33. Pan CK, Durairaj V, **Oliver SCN**. Transient Vision Loss and Disc Edema. Grand Rounds: Cases and Experts from Across the Nation. Joint Meeting of the Middle East Africa Council of Ophthalmology and the 114th meeting of the American Academy of Ophthalmology. October 18, 2010. [presentation SYM17]
34. Patel CC, Mandava N, **Oliver SCN**, Quiroz-Mercado H, Olson JL. A Comparison of Membrane Peeling Forces Created by 20, 23, and 25 Gauge Intraocular Forceps. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 1, 2011. [[poster #537/A277](#)]
35. Mathias MT, Quiroz-Mercado H, Mandava N, **Oliver SCN**, Olson JL. Combination Bevacizumab and Grid Pattern Focal Laser Using a Minimum of 900 Sub-Threshold Spots for Diabetic Macular Edema. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 1, 2011. [[poster #587/A327](#)]
36. Stafieva K, **Oliver SCN**, Mandava N, Quiroz-Mercado H, Olson JL. Pan-Ocular Argyrosis from Chronic Silver Nitrate Salt Ingestion. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 1, 2011. [[poster #1036/A438](#)]
37. Ramirez AM, Heilweil G, Schwartz SD, Hubschman JP, **Oliver SCN**, Tsui I. Increased Ischemic Index Correlates with Neovascularization in Diabetic Retinopathy. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 1, 2011. [[poster #1037/A439](#)]

38. Velez-Montoya R, Olson JL , Petrash M, Messersmith W, Mandava N, **Oliver SCN**. Acute Onset Central Serous Retinopathy in Association with MEK Inhibitor Use for Metastatic Cancer. 2011 Pan-American Research Day, Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 2, 2011. [[poster 2153/A123](#)]
39. Velez-Montoya R, Olson JL , Petrash M, Messersmith W, Mandava N, **Oliver SCN**. Acute Onset Central Serous Retinopathy in Association with MEK Inhibitor Use for Metastatic Cancer. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 2, 2011. [[poster 2153/A123](#)]
40. McCourt EA, **Oliver SCN**, Kahook MY, Mandava N. Subfoveal Choroidal Thickness in Age Related Macular Degeneration. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 3, 2011. [[poster #3532/A330](#)]
41. Ernst BJ, **Oliver SCN**, Quiroz-Mercado H, Mandava N, Olson JL. Evaluation of Dropped Foreign Bodies in Saline Compared to Perfluorocarbon Liquid. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL. May 5, 2011. [[poster #537/A277](#)]
42. **Oliver SCN**, Hsu V, Bollinger L, Miften M, Gaspar L, Boyer P. Histopathological and dosimetric findings in a porcine model of ocular radiation injury from Iodine-125 Plaque Brachytherapy. International Congress of Ocular Oncology, Buenos Aires, Argentina. November 14, 2011. [paper]
43. **Oliver SCN**. Response of metastatic pancreatic adenocarcinoma to chemotherapy. International Congress of Ocular Oncology, Buenos Aires, Argentina. November 16, 2011. [case presentation]
44. **Oliver SCN**, Velez-Montoya R, Messersmith W, Olson JL, Petrash M, Mandava N. MEK Inhibitor-Associated Serous Retinopathy – Clinical Features of a New Retinal Disorder. International Congress of Ocular Oncology, Buenos Aires, Argentina. November 16, 2011. [poster]
45. **Oliver SCN**. Surgical Attenuation of Radiation from I-125 Brachytherapy: Preliminary Safety and Feasibility Data. International Congress of Ocular Oncology, Buenos Aires, Argentina. November 17, 2011. [poster]
46. Bhandari R, Mathias MT, Ernst BJ, Schwartz S, Olson J, **Oliver SCN**, Mandava N, Quiroz-Mercado H. Combination Bevacizumab and Comprehensive Grid Subthreshold Laser Using a Minimum of 900 Spots as Compared to Bevacizumab Alone for Treatment of Diabetic Macular Edema. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL. May 6, 2012. [[poster #395/D946](#)]
47. Schwartz S, Baldivieso, Sabel AL, Mandava N, **Oliver SCN**, Olson JL, Quiroz-Mercado H. Non-Mydriatic Single Field Fundus Camera For Diabetic Retinopathy Screening: Assessment of Efficacy, Prevalence and Risk Factors in a Safety Net Institution. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL. May 8, 2012. [[poster #2891/A318](#)]

48. Schwartz S, **Oliver SCN**, Victoria R, Bhandari R, Mandava N, Mercado HQ. Assessment of retinal perfusion using ultra wide-field (UWF) imaging in patients with diabetic retinopathy treated with intravitreal bevacizumab (IVB). Association for Research in Vision and Ophthalmology Annual Meeting, Seattle, WA. May 5, 2013. [[poster #199 - D0010](#)]
49. Faberowski N, Mercado HQ, Gonzales C, Bhandari R, **Oliver SCN**, Olson JL, Mandava N, Schwartz S. Retina evaluation with non mydriatic ultra wide-field color imaging after cataract surgeries in asymptomatic patients. Association for Research in Vision and Ophthalmology Annual Meeting, Seattle, WA. May 7, 2013. [[poster #2997 - C0088](#)]
50. Mercado HQ, Bhandari R, Schwartz S, Olson JL, **Oliver SCN**, Mandava N, Velez-Montoya R, Mathias M. Small gauge direct silicon oil (SO) perfluoro-n-octane (PFO) interchange. Comparison of two methods: use of chandelier light (CHL) and use of viscous fluid infusion cannula (VFIC) Association for Research in Vision and Ophthalmology Annual Meeting, Seattle, WA. May 7, 2013. [[poster #2875 - B0184](#)]
51. Quiroz-Mercado H, Salcedo G, Olson JL, Mandava N, **Oliver SC**. Successful Globe Salvage in "Inoperable" Rhegmatogenous Retinal Detachment: Retrospective Study of Ten Cases. Association for Research in Vision and Ophthalmology Annual Meeting, Orlando, FL. May 4, 2014. [[poster #1125 - B0263](#)]
52. Paciuc-Beja M, Salcedo G, Smith JM, Harasawa M, Velez-Montoya R, Olson JL, **Oliver SC**, Mandava N, Quiroz-Mercado H. Measurement of progression of Gyrate Atrophy using Ultra Wide-Field fundus photography. Association for Research in Vision and Ophthalmology Annual Meeting, Orlando, FL. May 4, 2014. [[poster #265 - B0073](#)]
53. Salcedo G, M Harasawa M, Velez-Montoya R, Mathias MT, Siringo FS, Olson JL, **Oliver SC**, Mandava N, Quiroz-Mercado H. Spectral Domain Optical Coherence Tomographic Analysis Of Non-Occluded Retina in Branch Retinal Vein Occlusion and Its Response to Anti-angiogenic Therapy. Association for Research in Vision and Ophthalmology Annual Meeting, Orlando, FL. May 5, 2014. [[poster #1935 - B0200](#)]
54. Harasawa M, Salcedo G, Paciuc-Beja M, Mathias MT, Velez-Montoya R, Olson JL, **Oliver SC**, Mandava N, Quiroz-Mercado H. Spectral Domain Optical Coherence Tomographic Analysis of the Ocular Equator. Association for Research in Vision and Ophthalmology Annual Meeting, Orlando, FL. May 6, 2014. [[poster #3394 - C0087](#)]
55. Siringo FS, Jeffrey JL, **Oliver SC**, Mathias MT, Mandava N, Smith JM. Tobacco Use as a Risk Factor for Proliferative Vitreoretinopathy. Association for Research in Vision and Ophthalmology Annual Meeting, Denver, CO. May 4, 2015. [[poster A0109](#)]
56. **Oliver SC**, Hwang R. Wet AMD recurrence rate in patients on 3 months interval anti-VEGF therapy in a single community practice. Association for Research in Vision and Ophthalmology Annual Meeting, Denver, CO. May 7, 2015. [[poster A0230](#)]

57. Cerda A, Mathias M, Lynch A, Wagner B, Siringo F, Bonnell L, Cathcart J, **Oliver S**, Mandava N. The Relationship of Treated Hypertension with Geographic Atrophy and Neovascular- Age Related Macular Degeneration in a Colorado cohort. Association for Research in Vision and Ophthalmology Annual Meeting, Seattle, WA. May 1, 2016. [[poster A0007](#)]
58. Snitzer J, **Oliver SCN**. Reduction of macular edema from radiation retinopathy using intravitreal dexamethasone-implant (Ozurdex®). Association for Research in Vision and Ophthalmology Annual Meeting, Seattle, WA. May 3, 2016. [[poster D0087](#)]
59. Mehner L, Wagner B, Singh J, **Oliver S**, Chasan J, Jennifer C, Patnaik J, Palestine A, McCourt E, Lynch A. Trends in Retinopathy of Prematurity over 10 years in a Colorado Cohort. Association for Research in Vision and Ophthalmology Annual Meeting, Honolulu, HI. May 1, 2018. [[poster B0139](#)]
60. Singh J, Wagner B, McCourt E, Cathcart J, **Oliver S**, Mathias M, Wymore E, Patnaik J, Mehner L, Jung J, Braverman R, Ahmad M, Enzenauer R, Palestine A, Lynch A. Risk of Requiring Laser Treatment for Retinopathy of Prematurity (ROP) and ROP Outcomes Among Micopreemies (<25 Weeks) in a Colorado Cohort. Association for Research in Vision and Ophthalmology Annual Meeting, Honolulu, HI. May 1, 2018. [[poster B0182](#)]
61. Geiger M, Lynch A, Patnaik J, Trinh M, **Oliver S**, Mathias M, Palestine A, Slingsby T, Williams E, Snitzer J, Mandava N. Visual Outcomes for Patients with Primary Macula-Off Rhegmatogenous Retinal Detachment in a Colorado Cohort. Association for Research in Vision and Ophthalmology Annual Meeting, Honolulu, HI. May 2, 2018. [[poster C0072](#)]

Non-competitive

1. Hu AYH, Bourges JL, Shah SP, Gupta A, Gonzales CR, **Oliver SCN**, Schwartz SD. Endophthalmitis after Pars Plana Vitrectomy: a 20- and 25-Gauge Comparison. The Jules Stein Eye Institute Annual Research Day, University of California, Los Angeles, CA. May 30, 2008. [paper presentation]
2. Prasad PS, **Oliver SCN**, Schwartz SD. Ultra-wide-field angiographic characteristics of branch retinal vein and hemicentral retinal vein occlusion. The Jules Stein Eye Institute Annual Research Day, University of California, Los Angeles, CA. May 30, 2008. [paper presentation]
3. **Oliver SCN**, Schwartz SD. The Ischemic Index? Peripheral Non-Perfusion and Late Peripheral Vessel Leakage in Diabetic Retinopathy. The Jules Stein Eye Institute Annual Research Day, University of California, Los Angeles, CA. May 30, 2008. [paper presentation]
4. **Oliver SCN**, Hu AY, Bourges JL, Shah SP, Gupta A, Gonzales CR, Schwartz SD. Endophthalmitis after Pars Plana Vitrectomy: A 20- and 25-Gauge Comparison. 13th Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 13, 2009. [paper presentation]

5. Hsu V, **Oliver SCN**. Attenuation of Iodine-125 Radiation with Vitreous Substitutes in an Animal Model for the Treatment of Ocular Melanoma. Student Cancer Research Fellowship Program, University of Colorado Cancer Center, Aurora, CO. August 6, 2009. [poster presentation]
6. **Oliver SCN**. Syndromic Associations with FEVR. Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 16, 2012. [paper presentation]
7. Bhandari R, Velez-Montoya R, Glazier R, **Oliver SCN**, Mathias MT, Olson JL, Quiroz-Mercado H, Mandava N. Aflibercept for Active Choroidal Neovascularization with Poor Clinical Response to Standard Anti-VEGF Treatment. Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 15, 2013. [paper presentation]
8. Mathias MT, Bhandari R, **Oliver SCN**, Olson JL, Mandava N, Quiroz-Mercado H. Intravitreal Bevacizumab for Dense Vitreous Hemorrhage and the Incidence of Vitrectomy. Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 15, 2013. [paper presentation]
9. Smith JM, Mathias MT, **Oliver SCN**, Mandava N, Olson JL, Quiroz-Mercado H, Palestine AG. The Influence of Needle Gauge and Infection Source on Vitreous Aspirate Cultures. Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 20, 2015. [paper presentation]
10. Hwang R, **Oliver SCN**, Santos D. Wet AMD Recurrence Rate in Patients on 3 Months Interval Anti-VEGF Therapy in a Single Community Practice. Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 20, 2015. [paper presentation]
11. Haines N, **Oliver SCN**. Vitrectomy and Silicone Oil with Iodine-125 Brachytherapy in Choroidal Melanoma Patients at High Risk for Radiation Papillopathy or Maculopathy. Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 18, 2016. [paper presentation]
12. Snitzer J, **Oliver SCN**. Outcomes of silicone oil removal surgery following retinal detachment repair. Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 18, 2016. [paper presentation]
13. Manoharan N, Pecan PE, Cherof AM, **Oliver SCN**, Palestine AG. Comparison of Oral versus Intravenous Fluorescein Widefield Angiography in Ambulatory Pediatric Patients. Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 24, 2017. [paper presentation]
14. Feinstein E, **Oliver SCN**. Functional and Anatomic Outcomes of Patients with Familial Exudative Vitreoretinopathy. Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day, University of Colorado School of Medicine, Aurora, CO. June 24, 2017. [paper presentation]