

Michael David Greenwood MD

Vance Thompson Vision
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Employment 2016-Present	Vance Thompson Vision Cataract, Refractive, Glaucoma, and Corneal Surgeon	Fargo, ND
	Dakota Lions Sight and Health Assistant Medical Director	Sioux Falls, SD
	University of North Dakota School of Medicine Clinical Instructor of Surgery	Fargo, ND
Education 2015-2016	Vance Thompson Vision (John Berdahl, Vance Thompson, Alison Tendler) Fellowship in Cornea, Refractive, Cataract, and Glaucoma Surgery	Sioux Falls, SD
2012-2015	Case Western Reserve University Residency Training in Ophthalmology	Cleveland, OH
2011-2012	University of North Dakota School of Medicine Transitional Year	Fargo, ND
2007-2011 Doctor of Medicine	University of North Dakota School of Medicine	Grand Forks, ND
2002-2007	University of North Dakota B.S., Biology-Pre-Med, Summa Cum Laude	Grand Forks, ND
Licensure 2017	North Dakota #14114	

Honors, Awards, and Grants

2016 **Mentoring for the Advancement of Physician Scientists**
American Glaucoma Society

2014 **Resident Excellence Award** ASCRS Foundation

2014 **AAO Advocacy Ambassador** American Academy of Ophthalmology

2014 **Academy Ambassador Scholarship** Ohio Ophthalmic Society

2014 **Administrative Chief Resident** Case Western Reserve University

2013 **Gold Humanism Honor Society** Elected Member

2011 **University Alumni Special Award, Class of 2011** UNDSMHS

2009 **Kevin Monk Service Award** UNDSMHS

2009 **Best Basic Sciences Poster Presentation, Honorable Mention**
Frank Low Research Day, UNDSMHS

2008 **Karen and Elvira Lynner Memorial Scholarship** UNDSMHS

2008 **Henry Hobart Ruger Trust Scholarship** UNDSMHS

2007 **Class President** UNDSMHS

2007 **Post-Graduate Scholarship** NCAA

2006 **First Team Academic All-America, Football** ESPN the Magazine

2006 **Student-Athlete of the Year** North Central Conference

2006 **Regional Scholar-Athlete of the Year**
Division II Conference Commissioners

2006 **Male Student Athlete of the Year** University of North Dakota

2006 **John and Marcia Jarret Athletic Scholarship**
University of North Dakota

2006 **Academic All-NCC** North Central Conference

2006, 2005 **Commissioner's Academic Honor Roll** North Central Conference

2005, 2004 **Academic All-District College Division Second Team**

ESPN the Magazine

- 2004 **Academic All-District VII Team, College Division**
College Sports Information Directors of America (CoSIDA)
- 2003-2007 **President's Honor Roll** University of North Dakota
- 2003-2006 **Letterwinner, Football** University of North Dakota
- 2002-2007 **Athletic Scholarship, Football** University of North Dakota
- 2002-2006 **Presidential Scholarship** University of North Dakota

Peer Reviewed Publications

Kindle T, Greenwood MD, Ibach M, Schweitzer J, Sudhagoni R, Berdahl J. **The role of corneal hysteresis in predicting outcomes in glaucoma patients undergoing trabecular micro bypass stent in combination with cataract surgery.** South Dakota Medicine 2018; 71:158-163.

Greenwood MD, Berdahl JP, Ibach MJ. **New Technology and Current Understanding of Episcleral Venous Pressure.** Curr Ophthalmol Rep (2018).

Kindle TO, Ibach MJ, Greenwood MD, Ferguson TJ, Berdahl JP. **Safety and Efficacy of Intravitreal Injection of Steroid and Antibiotic in the Setting of Cataract Surgery and Trabecular Microbypass Stent.** Journal of Cataract and Refractive Surgery. Accepted for Publication

Mechels K, Greenwood MD, Sudhagoni R, Berdahl JP. **Influences on rebubble rate in Descemet's membrane endothelial keratoplasty.** Clinical Ophthalmology 2017;11 1-6

Greenwood MD, Seibold LK, Radcliffe NM, Dorairaj SK, Aref AA, Román JJ, Lazcano-Gomez GS, Darlington JK, Abdullah S, Jasek MC, Bahjri KA, Berdahl JP. **Goniotomy with a single-use dual blade: Short-term results.** J Cataract Refract Surg. 2017 Sep;43(9):1197-1201

Greenwood MD, Swan R. **Drug Induced Glaucoma.** Medscape.com April 27, 2017

Greenwood MD, Berdahl JP. **Cerebrospinal Fluid Pressure and Glaucoma** Curr Ophthalmol Rep (2016) 4: 180. <https://doi.org/10.1007/s40135-016-0110-3>

Greenwood MD, Bafna S, Thompson V. **Surgical Correction of Presbyopia: Lenticular, Corneal, and Scleral Approaches.** Int Ophthalmol Clin. 2016 Summer;56(3):149-66

Greenwood MD, Wilker SC. **Central retinal artery occlusion occurring intraoperatively during angiography for subarachnoid hemorrhage: a case report.** Retin Cases Brief Rep. 2014 Fall;8(4):345-7

Greenwood MD, Grigorian, F. Glaucomatous Changes Secondary to Long Term Topical Corticosteroid Use in a 7-Year-Old Female. Open Journal of Pediatrics. 4, 62-66, 2014

Greenwood MD, Ressler MJ, Audette JL, Latusus DI, Chhoun R, Teiken JM, Carlson EC. Significant retinal capillary basement membrane thickening in hyperglycemic and normoglycemic diabetic-prone (DP) BB Wistar rats. Ultrastruct Pathol. 2011 Apr;35(2):97-105

Book Chapters and Publications

Berdahl JP, Greenwood MD. (2017) Deep-Sea Environments and the Eye. In: Subramanian P. (eds) Ophthalmology in Extreme Environments. Essentials in Ophthalmology. Springer, Cham

Greenwood MD, Mamalis N, Swan R. Considering intracameral antibiotics. Eyeworld November 2017

Greenwood MD. Update on Microinvasive Glaucoma Surgery. Cataract and Refractive Surgery Today September 2017

Greenwood MD, Crandall AS, Donaldson K, Sood P, Wolsey DH, Talley-Rostov AR. Monocular Diplopia 15 Years After Surgery. Cataract and Refractive Surgery Today June 2017

Greenwood MD, Berdahl JP, Lewis R, Brown R. Tips and techniques for optimizing approved MIGS. Eyeworld June 2017

Greenwood MD, Gordon M, Kanellopoulos AJ, Trattler W. Wavefront-guided vs. wavefront-optimized laser treatments. Eyeworld June 2017

Greenwood MD, Swan R, Kanellopoulos AJ, Hersch P, Raizman MB. Crosslinking: What the young ophthalmologist needs to know. Eyeworld June 2017

Greenwood MD, Yeu L, Abulafia A. Measuring posterior corneal astigmatism. Eyeworld May 2017

Greenwood MD. Visian ICL successful in surgeon with high myopia. Ocular Surgery News December 2016

Greenwood MD, Samuelson T, Condon G. Managing IFIS and small pupils. Eyeworld October 2016

Rhee DJ, Gupta S, Greenwood MD. (2016) Complications: Blebitis. In: Giaconi J., Law S., Nouri-Mahdavi K., Coleman A., Caprioli J. (eds) Pearls of Glaucoma Management. Springer, Berlin, Heidelberg

Greenwood MD. Corneal Cross-Linking. www.opthalmologyweb.com. May 2016

Greenwood MD, Thompson VM. The Literature. Cataract and Refractive Surgery Today. January 2016

Greenwood MD, Schweitzer JA, Berdahl JP. Incorporating Corneal Hysteresis in a Glaucoma Practice. Book Chapter. Corneal Biomechanics: From Theory to Practice by Roberts 2016

Greenwood MD, Collins A. Contact Dermatoepharitis. Encyclopedia of Ophthalmology. P 1-2, 01 June 2016

Greenwood MD, Collins, A. Dacryoadenoma. Encyclopedia of Ophthalmology. P 1-2, 01 June 2016

Ibach MJ, **Greenwood MD. Clinical Comparison of DSEK versus DMEK for Endothelial Dysfunction.** Advanced Ocular Care. October 2015 p 34-36

Greenwood MD, Berdahl JP. MIGS Update: Current and Future Devices. Glaucoma Today. November/December 2015

Greenwood MD, Berdahl JP. MIGS Update: Present and Future. Cataract and Refractive Surgery Today. October 2015

Greenwood MD, Berdahl JP. Five Things That Every Cataract Surgeon Should Know About Glaucoma. Cataract and Refractive Surgery Today Europe. May 2015

Greenwood MD; Grigorian, A. Dacryocystocele EyeWiki January 2014

Greenwood MD. Dacryoadenoma EyeWiki May 2014

Greenwood MD. Gonioscopy EyeWiki May 2014

Presentations

Greenwood MD, Francis BA, Mosead S, Loewen NA, Craven ER, Sarkisian SR, Stalmans I, Fea A. Ab Interno Approach to Schlemm's Canal. AAO 2017

Greenwood MD, Chang DH, Waring IV GO. Achieving Proper Centration and Alignment for Vision Correction in Keratorefractive and Intraocular Surgery. AAO 2017

Greenwood MD, Chang DH. Prebyopia IOLs and Astigmatism Correction. Breakfast with the experts AAO 2017

Greenwood MD, Crandall AS. Cataract Controversies: Pseudoexfoliation. AAO Glaucoma Subspecialty Day 2017

Greenwood MD. Kahook Dual Blade. Industry Spotlight Theater. ASCRS 2017

Greenwood MD. Sublingual sedation for cataract and refractive surgery. Hawaiian Eye 2017

Greenwood MD. Glaucoma Surgical Nightmares “I See Red” AAO 2016

Greenwood MD. Case Based Corneal Conundrums. Moderator AAO 2016

Greenwood MD. Managing the Complex Cataract. CSE 2nd Year Resident Education Course 2016

Greenwood MD, Berdahl JP. The Interaction Between IOP and CSFp International Society of Eye Research, 2016, Tokyo Japan

Greenwood MD, Waring IV G, Chang D. Achieving Proper Centration and Alignment in Intraocular and Keratorefractive Surgery. ASCRS 2016 Course

Greenwood MD, Ayres B, Mayer J. Fundamentals of Anterior Segment Reconstruction for Technicians and Nurses. ASCRS 2016 Course

Stunkel M, **Greenwood MD, Ibach MJ, Berdahl JP. Outcomes of Partial Thickness Corneal Transplant Combined with Trabecular Microbypass Stent Implantation and Cataract Surgery.** ASCRS 2016 Poster Presentation

Ibach MJ, **Greenwood MD, Berdahl JP. Evaluation of a Trabecular Microbypass Stent in Combination with Cataract Surgery Plus Triamcinolone–Moxifloxacin–Vancomycin Intravitreal Injection.** ASCRS 2016 Poster Presentation

Greenwood MD, Beckman J, Tsai G, Berdahl JP. A Non-Randomized, Open-Label Study to Evaluate the Safety and Proof of Concept of Negative Pressure Applied to the Periocular Microenvironment Anterior to the Orbital Rim. NASA Human Research Program Investigators' Workshop Poster Presentation

Berdahl JP, **Greenwood MD. Trabecular Bypass Second Generation Stents and One Postoperative Prostaglandin to Treat Patients with Open Angle Glaucoma Not Controlled on Two Preoperative Medication.** AGS 2016 Poster Presentation

Greenwood MD, Orge F. Fluorescein Angiography findings in Persistent Fetal Vasculature. ARVO Imaging in the Eye Conference 2015 Poster Presentation

Greenwood MD, Ressler MJ, Audette JL, Laturus DI, Chhoun R, Teiken JM, Carlson, Edward. Significant Retinal Capillary Basement Membrane Thickening in Hyperglycemic and

Normoglycemic Diabetic Prone (DP) BB Wistar Rats. American Diabetes Association 2009 Poster Presentation

1. A Controlled, Cohort, Open-Label, Randomized Study to Evaluate the Application of Negative Pressure Applied to the Periocular Microenvironment Anterior to the Orbital Rim to Alter Visual Evoked Potential (VEP) and Pattern Electroretinography (ERG) Readings by way of Modulating Intraocular Pressure (IOP)
 - a. Sponsor: Equinox, LLC
 - b. My Role: Principal Investigator
2. A Non-Randomized, Open-Label Study to Evaluate the Safety and Proof of Concept of Negative Pressure Applied to the Periocular Microenvironment Anterior to the Orbital Rim
 - a. Sponsor: Equinox, LLC
 - b. My Role: Sub-Investigator
3. Post-Approval Study of the Tecnis® Toric IOL, Models ZCT300 and ZCT400
 - a. Sponsor: Abbott
 - b. My Role: Sub-Investigator
4. A Prospective, Post Approval Study to Evaluate the Trulign Toric Posterior Chamber Intraocular Lens (IOL)
 - a. Sponsor: Bausch and Lomb
 - b. My Role: Sub-Investigator

Society Committees

ASCRS Membership Committee
ASCRS Council of 100

Course Instructor

CSE 2nd Year Resident Program 2016-present
CSE 3rd Year Resident Program 2017-present
MIGS Devices and Techniques AAO 2017-present

Professional Society Membership

Association for Research in Vision and Ophthalmology

Cornea Society
American Glaucoma Society
International Society of Eye Research
American Academy of Ophthalmology
American Society of Cataract and Refractive Surgery
International Society of Refractive Surgery
Oracle Ophthalmology Society

Volunteer Experience

- 2012-2014 **Volunteer Ophthalmologist**
Free Clinic, Cleveland OH
Examined patients and mentored medical students
- 2012-2014 **Volunteer Ophthalmologist**
MedWorks, Cleveland OH
Examined patients
- 2007 **Volunteer Coach**
Special Olympics, Grand Forks ND
Coached and guided athletes through various sporting activities
- 2002-2006 **Volunteer Leader**
Holiday Magic from Markus, Grand Forks ND
Raise funding to purchase holiday gifts for chronically ill children in the community. Organized by the UND football team.

11/17/17