

**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors.  
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NAME: Wibbelsman, Turner

eRA COMMONS USER NAME (credential, e.g., agency login): n/a

POSITION TITLE: Heed Fellowship

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	START DATE MM/YYYY	COMPLETION DATE MM/YYYY	FIELD OF STUDY
University of North Carolina at Chapel Hill	BS	08/2013	05/2017	Biology
University of Pennsylvania	OTH	08/2017	06/2018	Postbaccalaureate
Sidney Kimmel Medical College at Thomas Jefferson University	MD	07/2019	05/2023	Medicine
Wills Eye Hospital	Fellow	07/2018	06/2019	Research Fellowship, Retina
Thomas Jefferson University Hospital	Resident	06/2023	06/2024	Internship
Wills Eye Hospital	Resident	07/2024	present	Ophthalmology Residency

**A. Personal Statement**

I am an ophthalmology resident with a passion for clinical retina research. I completed a research fellowship in diseases of the retina, uvea, and vitreous at Wills Eye Hospital and continue to collaborate with these colleagues. Our group has contributed to the current understanding of clinical retina care in the imaging and treatment of numerous conditions. Utilizing large datasets, we have characterized real-world outcomes and complication risk factors for anti-VEGF treatment. Our studies have demonstrated the significant influence of sociodemographic factors on presenting and post-treatment visual acuity for several retinal conditions. I developed a novel methodology for identifying retina providers in publicly available datasets, which we leveraged to assess national trends in retinal care. I look forward to continued contribution to the field of academic ophthalmology with a focus on advancing evidence-based care and reducing disparities in vision loss.

**B. Positions and Honors****Positions and Scientific Appointments**

2026 - Incoming co-Chief Resident, Wills Eye Hospital  
 2026 - 2026 Ad hoc reviewer, *Journal of VitreoRetinal Diseases*  
 2025 - Member, Acquisitions Subcommittee, Museum of the Eye, American Academy of Ophthalmology  
 2025 - 2025 Ad hoc reviewer, *Clinical Interventions in Aging*  
 2025 - 2025 Ad hoc reviewer, *Clinical Ophthalmology*  
 2025 - 2025 Ad hoc reviewer, *International Journal of General Medicine*  
 2025 - 2025 Ad hoc reviewer, *Diabetes, Metabolic Syndrome and Obesity*  
 2025 - 2025 Peer reviewer (ACCME Compliance), ASRS 43rd Annual Meeting  
 2024 - Resident Physician (PGY-3), Wills Eye Hospital  
 2024 - Resident Member, American Society of Retina Specialists  
 2024 - Resident Member, Association for Research in Vision and Ophthalmology  
 2024 - Trainee Member, Vit Buckle Society  
 2024 - Resident Member, Pennsylvania Academy of Ophthalmology

2024 - Member-in-training, American Academy of Ophthalmology  
 2024 - Member, Graduate Medical Education Committee, Thomas Jefferson University Hospital  
 2024 - 2024 Ad hoc reviewer, *BMC Ophthalmology*  
 2024 - 2024 Ad hoc reviewer, *BMC Education*  
 2024 - 2024 Ad hoc reviewer, *International Journal of Retina and Vitreous*  
 2024 - 2024 Peer Reviewer (ACCME Compliance), ASRS 42nd Annual Meeting  
 2023 - 2024 Resident Physician (PGY-1), Department of Internal Medicine, Thomas Jefferson University Hospital  
 2023 - 2023 Ad hoc reviewer, *Scientific Reports*  
 2020 - 2020 Ad hoc reviewer, *International Medical Case Reports Journal*  
 2019 - 2023 Peer Mentor, Thomas Duane Ophthalmology Society, Sidney Kimmel Medical College  
 2019 - 2020 Member, Committee of Student Advisors, Thomas Jefferson University  
 2019 - 2020 Member, Global Mentorship Program, ARVO  
 2016 - 2017 Editor & Founding Member, The Health Humanities Journal of UNC-Chapel Hill  
 2014 - 2015 Research Assistant, UNC Lineberger Comprehensive Cancer Center  
 2014 - 2014 Research Intern, Axelrod Research Group, Jersey Shore University Medical Center

## **Honors**

2025, 2026 Invited Judge, Thomas Duane Ophthalmology Society Research Symposium  
 2026 Annual Meeting Academic Grant Award, Vit-Buckle Society  
 2025 1<sup>st</sup> Place, Pennsylvania Academy of Ophthalmology Grand Rounds  
 2025 James S. Shipman Award, Annual Wills Eye Conference  
 2024 Annual Meeting Academic Grant Award, Vit-Buckle Society  
 2023 Distinguished Contributor Award, Journal of VitreoRetinal Disease  
 2019 - 2022 W.T. Hamilton Scholarship, Sidney Kimmel Medical College  
 2021 Hobart Amory Hare Honor Society, Sidney Kimmel Medical College  
 2019 Invited Contest Judge, Jacobs/Jones Literary Prize, North Carolina Writers' Network  
 2017 Thesis Honors, Department of Creative Writing, University of North Carolina at Chapel Hill  
 2016 Summer Undergraduate Research Fellowship grant, University of North Carolina at Chapel Hill  
 2013 Jean Villapiano Scholarship, Monmouth County Education Association  
 2009 - 2013 Full tuition academic scholarship, Regis High School

## **C. Contribution to Science**

### **1. Anti-VEGF Therapy**

Described risk factors for adverse events related to anti-VEGF injections. Characterized recurrence of macular edema in patients with endophthalmitis receiving anti-VEGF. Reported outcomes of diabetic macular edema patients with suboptimal response to anti-VEGF treated with alternative therapies. Showed effects of switching anti-VEGF agents in the treatment of multiple retinal diseases.

- a. Salabati M, Obeid A, Mahmoudzadeh R, Gupta O, Chiang A, Spirn M, Klufas MA, Hsu J. Wills Switch Study Group (Mellen PL, Wibbelsman TD, Konkoly MA, Velez MR, Calem DB, Su D, Storey PP, Regillo CD, Ho AC) Outcomes after switching eyes that were stable on aflibercept to ranibizumab versus continuing aflibercept in neovascular age-related macular degeneration. *Graefes Arch Clin Exp Ophthalmol*. 2022 Aug;260(8):2509-2516. PMID: 35230472.
- b. Uhr JH, Storey PP, Kuley B, Patel SN, Wibbelsman TD, Pancholy M, Spirn MJ. THE EFFECT OF ENDOPHTHALMITIS ON RECURRENCE OF MACULAR EDEMA IN EYES RECEIVING INTRAVITREAL ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR. *Retina*. 2021 Jul 1;41(7):1470-1477. PMID: 33252583.
- c. Matsunaga DR, Su D, Sioufi K, Obeid A, Wibbelsman T, Ho AC, Regillo CD. The Timing of Large Submacular Hemorrhage Secondary to Age-Related Macular Degeneration Relative to Anti-VEGF Therapy. *Ophthalmol Retina*. 2021 Apr;5(4):342-347. PMID: 32763426.

- d. Storey PP, Pancholy M, Wibbelsman TD, Obeid A, Su D, Borkar D, Garg S, Gupta O. Rhegmatogenous Retinal Detachment after Intravitreal Injection of Anti-Vascular Endothelial Growth Factor. *Ophthalmology*. 2019 Oct;126(10):1424-1431. PMID: 31042567.

## 2. National Trends in Retina Practice Patterns

Developed novel methodology for identifying retina providers in publicly-available datasets for the United States Medicare Fee-for-Service Population. Characterized trends in distribution and practice patterns of retina providers in the United States. Showed temporal and regional trends in imaging utilization of retina providers in the United States.

- a. Pandit RR, Wibbelsman TD, Considine SP, Jenkins TL, Xu D, Levin HJ, Obeid A, Ho AC. Distribution and Practice Patterns of Retina Providers in the United States. *Ophthalmology*. 2020 Nov;127(11):1580-1581. PMID: 32473740.
- b. Ho AC, Wibbelsman TD, Pandit RR, Xu D. Trends in Ophthalmic Imaging: Implications and Outlook. *Am J Ophthalmol*. 2020 Feb;210:1-2. PMID: 31780042.
- c. Wibbelsman TD, Pandit RR, Xu D, Jenkins TL, Mellen PL, Soares RR, Obeid A, Levin H, Hsu J, Ho AC. Trends in Retina Specialist Imaging Utilization from 2012 to 2016 in the United States Medicare Fee-for-Service Population. *Am J Ophthalmol*. 2019 Dec;208:12-18. PMID: 31265802.

## 3. Sociodemographic Factors in Retina Care

Characterized outcomes of patients with diabetic macular edema and neovascular age-related macular degeneration (nAMD) treated with anti-VEGF that were lost to follow up. Described association of presenting visual acuity and sociodemographic factors in nAMD and retinal vein occlusions.

- a. Zafar S, Momenaei B, Ni R, Wibbelsman T, Calotti M, Bowe T, Acaba-Berrocá L, Cheng B, Kim E, Hanif N, Iqbal Z, Deaneer JD, Xu D, Kuriyan AE, Yonekawa Y, Hsu J, Garg SJ, Haller JA, Ho AC, Patel SN. Influence of Social Determinants of Health on Presenting Visual Acuity in Retinal Vein Occlusions. *Ophthalmol Sci*. 2026 Jan 29;6(4):101089. PMID: 41816095.
- b. Matsunaga DR, Salabati M, Obeid A, Wibbelsman TD, Wu C, Mahmoudzadeh R, Ojalvo I, Bilello J, Sivalingam A, Ho AC, Chiang A, Hsu J. Outcomes of Eyes With Diabetic Macular Edema That Are Lost to Follow-up After Anti-Vascular Endothelial Growth Factor Therapy. *Am J Ophthalmol*. 2022 Jan;233:1-7. PubMed PMID: 34283979.
- c. Patel SN, Wu C, Obeid A, Sivalingam M, Gervasio K, Wibbelsman TD, Levin H, Xu D, Regillo CD, Hsu J, Ho AC. Sociodemographic Factors in Neovascular Age-Related Macular Degeneration. *Ophthalmology*. 2020 Feb;127(2):280-282. PubMed PMID: 31785890.
- d. Soares RR, Mellen P, Garrigan H, Obeid A, Wibbelsman TD, Borkar D, Ho AC, Hsu J. Outcomes of Eyes Lost to Follow-up with Neovascular Age-Related Macular Degeneration Receiving Intravitreal Anti-Vascular Endothelial Growth Factor. *Ophthalmol Retina*. 2020 Feb;4(2):134-140. PubMed PMID: 31540854.

## 4. Clinical Trials

Compared safety and efficacy of aqueous chlorhexidine to povidone-iodine as antimicrobial for ophthalmic procedures. Evaluated effectiveness of adjuvant dorzolamide-timolol for the treatment of neovascular age-related macular degeneration.

- a. Ali FS, Jenkins TL, Boparai RS, Obeid A, Ryan ME, Wibbelsman TD, Chiang A, Garg SJ. Aqueous Chlorhexidine Compared with Povidone-Iodine as Ocular Antisepsis before Intravitreal Injection: A Randomized Clinical Trial. *Ophthalmol Retina*. 2021 Aug;5(8):788-796. PubMed PMID: 33221515.
- b. Hsu J, Patel SN, Wolfe JD, Shah CP, Chen E, Jenkins TL, Wibbelsman TD, Obeid A, Mikhail M, Garg SJ, Ho AC, Chiang A, Spirn MJ, Vander JF. Effect of Adjuvant Topical Dorzolamide-Timolol vs Placebo in Neovascular Age-Related Macular Degeneration: A Randomized Clinical Trial. *JAMA Ophthalmol*. 2020 May 1;138(5):560-567. PMID: 32239190.
- c. Moon DH, Basak RS, Usinger DS, Dickerson GA, Morris DE, Perman M, Lim M, Wibbelsman T, Chang J, Crawford Z, Broughman JR, Godley PA, Chen RC. Patient-reported Quality of Life Following Stereotactic Body Radiotherapy and Conventionally Fractionated External Beam Radiotherapy

Compared with Active Surveillance Among Men with Localized Prostate Cancer. Eur Urol. 2019 Sep;76(3):391-397.

#### 5. Characterization of Rare Ophthalmic Conditions

Reported clinical course and multi-modal imaging findings in novel ophthalmic conditions as well as unique presentations of rare retinal conditions.

- a. Wibbelsman TD, Xu D, Garg SJ. Papillorenal Syndrome With Macular Retinoschisis and Subretinal Fluid. JAMA Ophthalmol. 2020 Aug 1;138(8):e194774. PMID: 32789520.
- b. Wibbelsman TD, Skeens H, Eagle RC Jr. Hydrophilic intraocular lens with crystalline deposits. Can J Ophthalmol. 2025 Dec;60(6):e958. PMID: 40889760.
- c. Wibbelsman TD, Jenkins TL, Shields CL. Sectoral Choroidal Hypopigmentation. Ophthalmology. 2019 May;126(5):711. PMID: 31005189.
- d. Zhao AT, Wibbelsman TD, Calotti M, Richards CJ, Vrabec TR. Severe bilateral retinal degeneration following a twenty-six-year pentosan polysulfate sodium exposure: a case report. Am J Ophthalmol Case Rep. 2025 Dec 10;41:102497. PMID: 41492572.

Complete List of Published Work in My Bibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/turner.wibbelsman.1/bibliography/public/>

### D. Scholastic Performance

#### Scholastic Performance

YEAR	COURSE TITLE	GRADE
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL		
UNIVERSITY OF PENNSYLVANIA		
SIDNEY KIMMEL MEDICAL COLLEGE AT THOMAS JEFFERSON UNIVERSITY		
2021	Psychiatry Clerkship	Honors
2021	Family Medicine Clerkship	Honors
2021	Pediatrics Clerkship	Honors
2021	Surgery Clerkship	Honors
2022	Ophthalmology Selective	Honors
2022	Internal Medicine Clerkship	Honors
2022	Neurology Clerkship	Honors
2022	Oculoplastic Surgery	Honors
2022	Ophthalmology Away Rotation (Emory University)	Honors
2022	Ocular Pathology	Honors
2022	Dermatology Subinternship	Honors
2023	Internal Medicine Subinternship	Honors

Selected coursework from 3rd and 4th year of medical school