CURRICULUM VITAE

PAUL B GREENBERG, MD, MPH vivo.brown.edu/display/pgreenbe

Business Addresses

Surgical Service VA Providence Healthcare System 830 Chalkstone Ave. Providence, RI 02908-4799 Phone: 401.273.7100 Email: paul.greenberg@va.gov

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EDUCATION

Undergraduate	AB-Economics, University of Chicago, Chicago, IL 1986 <u>Honors</u> : <i>Phi Beta Kappa</i> , 1986 Claremont McKenna & Pitzer Colleges, Claremont, CA 1982-1984 (no degree)
Post-Baccalaureate	Post-Baccalaureate Premedical Program, Bryn Mawr College, Bryn Mawr, PA 1986-1988
Medical School	MD-Icahn School of Medicine at Mount Sinai New York, NY 1992 <u>Honors</u> : <i>Alpha Omega Alpha</i> , 1991 Hahnemann University School of Medicine, Philadelphia, PA 1988-1990 (no degree)
Graduate School	MPH-School of Public Health, Brown University, Providence, RI 2017

POSTGRADUATE TRAINING

Internship	Icahn School of Medicine at Mount Sinai, New York, NY
	Specialty: Pediatrics. 1992-1993

Residency	Tulane University School of Medicine, New Orleans, LA Specialty: Ophthalmology. 1993-1996
Fellowship	New England Eye Center, Tufts University School of Medicine, Boston, MA. Specialty: Medical Retinal Disease. 2000-2001

Other Training

National Library of Medicine Fellowship in Biomedical Informatics Marine Biological Laboratory Woods Hole, MA. 2008

Advanced Leadership and Management Program Veterans Integrated Service Network (VISN) 1 US Department of Veterans Affairs Bedford, MA. 2008-2010

Title 38 Disciplinary Appeals Board Training US Department of Veterans Affairs San Antonio, TX. 2010

Director of Education Course, Office of Academic Affiliations US Department of Veterans Affairs, Washington DC. 2012

Health Care Leadership Development Program (HCLDP) US Department of Veterans Affairs, Washington DC. 2012-2013

Harvard Macy Program for Educators in Health Professions Harvard Medical School, Boston, MA. 2019

Leadership for a Democratic Society (LDS), Federal Executive Institute, US Office of Personnel Management, Charlottesville, VA. 2021.

Senior Leader Course (SLC) 1, Corporate Senior Executive Management Office (CSEMO), US Department of Veterans Affairs, Washington DC. 2021.

POSTGRADUATE HONORS AND AWARDS

Dean's Excellence in Teaching Award, Alpert Medical School, Brown University 2010
Outstanding Student Mentoring Award, Scholarly Concentration in Aging, Alpert Medical School, Brown University 2012
Achievement Award, American Academy of Ophthalmology 2012
Physician's Recognition Award, American Medical Association 2014
MA *ad eundem* – Brown University 2016 The H. Frederick Stephens MD Award for Outstanding Resident Teaching, Division of Ophthalmology, Alpert Medical School, Brown University 2008, 2017
Resident Teaching Award, Division of Ophthalmology, Alpert Medical School, Brown University 2005, 2007, 2010, 2011, 2018, 2020
Meenakshi Narain Excellence in Research Mentoring Award, Brown University 2023

MILITARY SERVICE

Branch: U.S. Air Force <u>Active Duty</u> Rank: Major, Medical Corps 1998-2000 Captain, Medical Corps 1996-1998 <u>Reserves</u> Rank: Major, Medical Corps (inactive reserves), 2000-2006 Captain, Medical Corps 1992-1996 Second Lieutenant, Medical Service Corps 1988-1992 Honorable Discharge: 2006

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Licensure

- 1. Louisiana, 1993-
- 2. Florida, 1996-
- 3. Rhode Island, 2003-
- 4. Previous: Massachusetts, 2000-2024

Board Certification

American Board of Ophthalmology 1998; Recertification, 2007; 2017

POSITIONS

Current

- 1) Associate Chief of Staff for Surgery, VA Providence Healthcare System (HCS), Providence, RI 2023
 - a) Chief of Surgery for 73-bed VA hospital
 - i) Supervise a team of 120+ providers and staff in ten specialty sections: anesthesiology; general surgery; gynecology; orthopedics; podiatry; ophthalmology; optometry; plastic surgery; urology; vascular surgery
 - ii) Manage surgical outcomes and quality per the standards of the national VA surgical quality improvement program (VASQIP)
 - iii) Collaborate with hospital leadership and other clinical services to develop local policies, procedures and programs to promote high quality surgical care and employee wellness

- iv) Collaborate with academic and hospital affiliates to ensure high quality undergraduate and graduate medical education in surgery
- 2) Staff Ophthalmologist, VA Providence HCS, Providence RI 2004
 - a) Provide patient care and health professions education and conduct research in medical retinal disease

Previous

- 1) Staff Ophthalmologist, 6th Medical Group USAF, MacDill AFB, FL 1996-1998
 - a) Provided comprehensive surgical and medical ophthalmic care to active duty and retired military personnel
- 2) Chief of Ophthalmology, 6th Medical Group USAF, MacDill AFB, FL 1998-2000
 - a) Supervised staff ophthalmologist and 3-4 health care staff for ophthalmology service on military base with 6000+ military and civilian personnel
 - b) Responsible for all ophthalmic operations, including outcomes
 - c) Provided comprehensive surgical and medical ophthalmic care
- 3) Staff Ophthalmologist [Without Compensation (WOC)], VA Tampa HCS, 1997-2000
 - a) Provided patient care and health professions education in comprehensive ophthalmology as a faculty member at the Dept. of Ophthalmology, Univ. of South Florida
- 4) Staff ophthalmologist, Bascom Palmer Eye Institute (BPEI), University of Miami, Miami, FL 2001-2003
 - a) Provided patient care and health professions education and conducted research in medical retinal disease
- 5) Staff Ophthalmologist, VA West Palm Beach HCS, West Palm Beach, FL 2001-2003
 - a) Provided patient care, health professions education and conducted research in medical retinal disease to a 121-bed VA facility as a faculty member at the BPEI
 - b) Assessed the facility as a possible new academic affiliate of the BPEI and expanded eye care by hiring new ophthalmologists and optometrists
- 6) Staff ophthalmologist [Without Compensation (WOC)], Miami VA HCS, Miami FL 2001-2003
 - a) Provided patient care, health professions education and conducted research in medical retinal disease to a 191-bed VA facility as a faculty member at the BPEI
- 7) Associate, Retina Consultants, Providence, RI 2003-2007
 - a) Private retina practice
- 8) Associate Program Director, Division of Ophthalmology, Alpert Medical School, Brown University, Providence, RI 2005-2015
 - a) Assisted program director manage ophthalmology residency program and maintain compliance with the Accreditation Council for Graduate Medical Education (ACGME) requirements
- 9) Associate, Southern New England Retina Associates, Providence, RI 2007-2014
 a) Part-time private retina practice
 - a) Part-time private retina practice
- 10) Staff ophthalmologist, Massachusetts Eye and Ear, Harvard Medical School, Boston, MA 2014-2018
 - a) Part-time private retina practice
- 11) Chief of Ophthalmology, VA Providence HCS, Providence, RI 2005-2020

- a) Led and managed all ophthalmic medical and surgical operations in a 73-bed VA facility
- b) Collaborated with academic division to recruit and grow ophthalmic section to include 10-12 ophthalmologists in all the major subspecialties with a commensurate increase in rotating residents and support staff, including nurses and eye technicians
- c) Managed surgical outcomes and quality initiatives and served site director for all ophthalmic health professions education
- d) Served on an interdisciplinary hospital team to design and operationalize new 10,000 ft² free-standing eye clinic in 2008
- e) Partnered with optometry chief to launch and grow new facility optometry residency program
- 12) Chief of Health Professions Education, Office of Academic Affiliations, US Dept. of Veterans Affairs, Washington DC 2020-2021
 - a) Oversaw the education of 118,000 health professions trainees annually in more than 60 different disciplines across the VA enterprise
 - i) Largest health professions education platform in nation
 - b) Supervised the health professions education (HPE) divisions in associated health, nursing, medical education, and advanced fellowships (specialized researchclinical training programs)
 - c) Service on key VA committees
 - d) Implemented policies and procedures in VA HPE (including those related to the pandemic) and proposed new training programs based on VA's needs
 - e) Worked with VA facilities and their HPE leadership to ensure all training programs complied with appropriate accrediting agencies
- 13) (Acting) Deputy Chief Academic Affiliations Officer, Office of Academic Affiliations, Veterans Health Administration, US Dept. of Veterans Affairs, Washington DC 2021
- 14) (Acting) Chief Academic Affiliations Officer (SES Eqv), US Dept. of Veterans Affairs, Washington DC 2021
- 15) Deputy Chief Academic Affiliations Officer (SES Eqv), Office of Academic Affiliations (OAA), US Dept. of Veterans Affairs, Washington DC 2021-2023
 - a) Member of VA Senior Executive Service/senior leadership team
 - i) Developed strategic goals for program office
 - b) Managed all OAA operations, including its 60+ employees and > \$1B budget
 - c) Supervised units in Oversight and Compliance Unit, HPE, Finance and Data Management, Medical Informatics, and HR
 - d) Developed, drafted and operationalized new VA directives
 - e) Collaborated with other VA program offices to implement new initiatives, including legislative proposals, and draft new regulations
 - f) Service on VA and non-VA committees
 - g) Regular interface with key internal (e.g., facility leadership) and federal (e.g., Congress) and non-federal external stakeholders (e.g., AAMC)
- 16) Staff Ophthalmologist, Rhode Island Hospital, Providence RI 2003-2024
 - a) Provided patient care and health professions education and conducted research in medical retinal disease

ACADEMIC APPOINTMENTS

Current

1. Professor of Surgery (Ophthalmology), Alpert Medical School, Brown University Providence, RI 2015-

Previous

1. Assistant Clinical Professor of Ophthalmology, College of Medicine, University of South Florida, Tampa, FL 1996-2000

2. Clinical Instructor, New England Eye Center, Tufts University School of Medicine, Boston, MA 2000-2001

3. Assistant Professor of Clinical Ophthalmology, Bascom Palmer Eye Institute University of Miami School of Medicine, Miami, FL 2001-2003

4. Clinical Assistant Professor of Surgery (Ophthalmology), Alpert Medical School, Brown University, Providence, RI 2003-2009

5. Clinical Associate Professor of Surgery (Ophthalmology), Alpert Medical School, Brown University, Providence, RI 2009-2014

7. Clinical Professor of Surgery (Ophthalmology), Alpert Medical School, Brown University, Providence, RI 2014-2015

8. Adjunct Assistant Professor of Ophthalmology, Tufts University School of Medicine, Boston, MA 2004-2017

9. Lecturer on Ophthalmology (Part-time), Massachusetts Eye & Ear, Harvard Medical School, Boston MA 2014-2018

HOSPITAL APPOINTMENTS

Current

1. Attending Physician, Department of Ophthalmology, Rhode Island Hospital, Providence, RI 2003-

2. Attending Physician, Section of Ophthalmology, Providence VAMC, Providence, RI 2004-

Previous

1. Attending Staff (Ophthalmology), 6th Medical Group USAF, MacDill AFB, FL 1996-2000

2. Without Compensation (WOC) Staff Ophthalmologist, James A Haley Veterans Affairs Medical Center, Tampa, FL 1997-2000

4. Ophthalmic Consultant, 45th Medical Group USAF, Patrick AFB, FL 1998-2000

5. Fellow, Department of Ophthalmology, New England Medical Center, Tufts University School of Medicine, Boston, MA 2000-2001

University School of Medicine, Boston, MA 2000-2001

6. Attending Physician, Department of Ophthalmology, St. Elizabeth's Hospital, Boston, MA 2000-2001

7. Attending Physician, Department of Ophthalmology, HealthAlliance Leominster Campus, Leominster, MA 2000-2001

8. Attending Physician, Department of Ophthalmology, Jackson Memorial Hospital, Miami, FL 2001-2003

10. Attending Physician, Anne Bates Leach Eye Hospital, Bascom Palmer Eye Institute University of Miami School of Medicine, Miami, FL 2001-2003

11. Attending Physician, Section of Ophthalmology, VA West Palm Beach HCS, West Palm Beach, FL 2001-2003

12. Ophthalmic Consultant, VA Miami HCS, Miami, FL 2001-2003

13. Associate Staff, Department of Ophthalmology, Tufts/New England Medical Center, Boston, MA 2004-2017

14. Assistant Surgeon, Massachusetts Eye and Ear, Boston, MA 2014-2018

15. Clinical Associate, Massachusetts General Hospital, Boston, MA 2014-2018

<u>OTHER</u>

Independent peer reviewer, MCMC, Quincy, MA 2007-2015

OTHER APPOINTMENTS

Veterans Health Administration (VHA)

Intravitreal Injection Study Group, 2011-2012 Wrong Implant Prevention Working Group, 2011-2012 Title 38 (Physicians and Nurses) Disciplinary Appeals Board, 2011-2020 VISN 1 (New England) Lead Ophthalmology Consultant, 2013-2020 Eye Care Council, VA Office of Electronic Health Record Modernization (OEHRM), 2019-2020 Integrated Clinical Communities Work Group, National Surgery Office, 2019-2020 Integrated Project Team – Intraocular Lenses, 2016-2021 Integrated Project Team, Sharing of Space, Office of Academic Affiliations, 2020-2021 Ophthalmology Field Advisory Board (FAB), 2012-Chair, Ophthalmology FAC, 2019-2021 Ex-Officio 2021-Strategic Academic Affiliations Council (SAAC), Office of Academic Affiliations, 2020-2021 Co-Chair, 2021-2021 Reviewer, VA Health Professions Scholarship Program (HPSP), 2020-2021 Integrated Project Team, Synoptic Operative Reporting, Office of Health Informatics (OHI), 2022-2023

US Department of Veterans Affairs (VA)

Mandatory Training Subcommittee, (MTSC), 2021-2023 Co-Chair, 2021-2023 Talent Development Council (TDC), 2021-2023

Editorial Advisory Association, Federal Practitioner, 2020-

Reviewer:

American Journal of Ophthalmology Acta Ophthalmologica British Journal of Ophthalmology British Medical Journal **BMJ** Case Reports Eur J Ophthalmol JAMA Ophthalmology Journal of Academic ophthalmology Journal of Ocular Pharmacology Medical Science Educator *Military Medicine* Ophthalmic Surgery, Lasers and Imaging **Ophthalmology** PLoS One Retina Federal Practitioner Survey of Ophthalmology Teaching and Learning in Medicine

Harvard Macy Institute

Faculty Facilitator, Program for Educators in Health Professions, Boston, MA 2020-

Ex-Officio Member, Advisory Council, Medically Underserved Areas and Population (MUA/P), Accreditation Council for Graduate Medical Education Accreditation Council, 2022-2023

Member, Council of National Board of Medical Examiners, Philadelphia, PA 2023-

HOSPITAL COMMITTEES

VA Providence HCS:

Pharmacy and Therapeutics Committee, 2008-2010 Peer Review Committee, 2009-2013 Institutional Review Board, 2010-2020 Lead Consultant, Ethics Consultation Service, 2010-2020 Research & Development Committee, 2017-2020 Educational Leadership Committee, 2013-2020, 2023-Chair, Facility Surgical Workgroup, 2023-Chair, Surgical Quality Management committee, 2023-Member, Executive Committee of Medical Staff, 2023-Member, Clinical Leadership Committee, 2023-

UNIVERSITY COMMITTEES

The Alpert Medical School, Brown University

Alpha Omega Alpha Selection Committee, 2006-Postgraduate Referral Committee, 2009-2014
Working Group 2 Committee, 2009-2011
Judge, Summer Showcase Poster Session (student summer research), 2011, 2013, 2014, 2017, 2018
Council of Specialty Career Advisors, 2014-2019
The Undergraduate Teaching and Research Awards (UTRA) Committee, 2016-2020
Reviewer, Summer Assistantship [SA](research) program, 2011-2022
Program in Liberal Medical Education (PLME) Advisory Selection Board, 2013-2022
PLME Summer Research Assistantship (SRA) in Biomedical Sciences Committee, 2016-2022
Medical Curriculum Committee (MCC), 2024-

The School of Public Health, Brown University Proposal Judge, Nora Kahn Piore Award, 2023

MEMBERSHIP IN SOCIETIES

Alpha Omega Alpha Honor Medical Society, 1991Fellow, American Academy of Ophthalmology, 1998-Awards Committee, 2020
Rhode Island Society of Eye Physicians and Surgeons, 2003Rhode Island Medical Society, 2003Association of Veterans Affairs Ophthalmologists, 2006-Councilor to the American Academy of Ophthalmology, 2015-2020
New England Ophthalmological Society (NEOS), 2006-Information and Technology Committee, 2010-2014
Judge, NEOS Resident/Fellows Poster Contest, 2011, 2017
American Society of Retina Specialists, 2007Global Health Forum on Innovation in Health Professions Education, National Academies of Sciences, Engineering, Medicine 2020-2021 Ex-Officio Member, Advisory Council, Medically Underserved Areas and Population (MUA/P), Accreditation Council for Graduate Medical Education, 2022-2023 Member, Council of National Board of Medical Examiners (NBME), Philadelphia, PA 2023-Member, NBME Council Engagement Committee

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 1. Greenberg PB, Haik B, Martin P. A pigmented adenoma of the ciliary epithelium evaluated by magnetic resonance. *Am J Ophthalmol* 1995; 120: 679-81.
- 2. **Greenberg PB**, Jeffrey JG. Sarcoidosis presenting with facial palsy and uveitis. *Ann Ophthalmol* 2000; 32: 204-5.
- 3. Greenberg PB, Baumal C. Laser therapy for rhegmatogenous retinal detachment. *Curr Opin Ophthalmol* 2001;12: 171-4.
- 4. **Greenberg PB**, Martidis M, Rogers A et al. Intravitreal triamcinolone acetonide for macular oedema due to non-ischemic central vein occlusion. *B J Ophthalmol* 2002; 86(2): 247-8.
- 5. Martidis A, Duker JS, **Greenberg PB** et al. Intravitreal triamcinolone acetonide for refractory diabetic macular edema. *Ophthalmology* 2002;109: 920-7.
- 6. Martidis A, **Greenberg PB**, Rogers A et al. Multifocal electroretinography response after laser photocoagulation of an acute subretinal nematode. *Am J Ophthalmol* 2002; 133: 417-9.
- 7. Rogers A, Martidis A, **Greenberg PB**, Puliafito CA. Optical coherence tomography findings following photodynamic therapy of choroidal neovascularization. *Am J Ophthalmol* 2002; 134: 566-576.
- 8. Rogers A, Martidis A, **Greenberg PB** et al. Photodynamic therapy of polypoidal choroidal vasculopathy. *Ophthalmic Surg Lasers Imaging* 2003; 34: 60-3.
- 9. Amiel H, **Greenberg PB**, Kachadoorian H, O'Brien M. Optical coherence tomography of a giant traumatic retinal pigment epithelial tear. *Acta Ophthalmol 2006;* 84(1): 147-148.
- 10. Amiel H, **Greenberg PB**. Occult vitreo-macular traction may cause traumatic RPE tears: authors' reply. *Acta Ophthalmol 2006;* 84(4): 561.
- 11. Monson BK, **Greenberg PB**, Greenberg E, Fujimoto JG, Srinivasan VJ, and J S Duker. High-speed, ultra-high-resolution optical coherence tomography of acute macular neuroretinopathy. *Br J Ophthalmol* 2007;91:119-120.
- 12. Diabetic Retinopathy Clinical Research Network. Krzystolik MG, Strauber SF, Aiello LP, Beck RW, Berger BB, Bressler NM, Browning DJ, Chambers RB, Danis RP, Davis MD, Glassman AR, Gonzalez VH, Greenberg PB, Gross JG, Kim JE, Kollman C. Reproducibility of macular thickness and volume using Zeiss optical coherence tomography in patients with diabetic macular edema. *Ophthalmology* 2007 Aug;114(8):1520-5.

- 13. Rao SK, Greenberg PB, Filippopoulos T, Scott IU, Katsoulakis NP, Enzer YR MD. The potential impact of seatbelt use on the spectrum of ocular injuries and visual acuity outcomes following motor vehicle accidents with airbag deployment. *Ophthalmology* 2008 Mar;115(3):573-576
- 14. Khetpal V, Heimmel M, Scott IU and **Greenberg PB**. Resolution of retinal pigment epithelial pigment detachment associated with exudative age-related macular degeneration following intravitreal ranibizumab therapy. *Acta Ophthalmol.* 2009 Feb;87(1):115-6.
- 15. Rao SK, **Greenberg PB**, Ducharme J and MacIntyre R. Ocular decompression retinopathy following anterior chamber paracentesis for uveitic glaucoma. *Retina* 2009 Feb;29(2):280-1.
- 16. Niemiec E, Anderson KL, Scott IU and Greenberg PB. Evidence-based management of resident-performed cataract surgery: an investigation of compliance with a preferred practice pattern. *Ophthalmology* 2009 Apr;116(4):678-84.
- Gewaily D, Greenberg PB. Intravitreal steroids versus observation for macular edema secondary to central retinal vein occlusion. *Cochrane Database Syst Rev.* 2009 Jan 21;(1):CD007324
- 18. Wei L, Katsoukalis N, Filippopoulos T and **Greenberg PB**. Partial coherence interferometry in a teaching hospital. *J Cataract Refract Surg* 2009 May;35(5):954.
- Chen CK, Tseng VL, Wu WC, Greenberg PB. A Survey of the current role of manual extracapsular cataract extraction. *J Cataract Refract Surg*, 2010 Apr;36(4):692-3.
- 20. Tseng VL, **Greenberg PB**, Scott IU, Anderson KL. Compliance with the American Academy of Ophthalmology preferred practice pattern for diabetic retinopathy in a resident ophthalmology clinic. *Retina* 2010 May;30(5):787-94.
- Chen CK, Tseng VL, Wu WC, Greenberg PB. A survey on the use of general anesthesia for cataract surgery. *Graefes Arch Clin Exp Ophthalmol.* 2010 Jul;248(7):1051-2.
- 22. Greenberg PB, Liu J, Wu WC, Jiang L, Tseng VL, Scott IU, Friedmann PD. Predictors of mortality within 90 days of cataract surgery. *Ophthalmology* 2010 Oct;117(10):1894-9.
- Chen CK, Tseng VL, Wu WC, Greenberg PB. A survey of the management of antithrombotic therapy in cataract surgery patients. *J Cataract Refract Surg.* 2010 Jul;36(7):1239-40
- 24. Cheung NC, **Greenberg PB**, Anderson KL, Feller ER. Effectiveness of a medical student-organized community vision screening initiative. *Med Health R I*. 2010 Aug;93(8):239, 242-3.
- 25. Braithwaite T, Nanji AA, **Greenberg PB**. Anti-vascular endothelial growth factor for macular edema secondary to central retinal vein occlusion. *Cochrane Database Syst Rev.* 2010 Oct 6;(10):CD007325.
- 26. Ahmed Y, Scott IU, **Greenberg PB**. A survey of the role of virtual surgery simulators in ophthalmic graduate medical education. *Graefes Arch Clin Exp Ophthalmol.* 2011 Aug;249(8):1263-5.
- Kim T, Nunes AP, Mello MJ, Greenberg PB. Incidence of sports-related eye injuries in the United States: 2001-2009. *Graefes Arch Clin Exp Ophthalmol*. 2011 Nov;249(11):1743-4.

- 28. **Greenberg PB**, Tseng VL, Wu WC, Liu J, Jiang L, Chen CK, Scott IU, Friedmann PD. Prevalence and predictors of ocular complications associated with cataract surgery in United States veterans. *Ophthalmology*. 2011 Mar;118(3):507-14.
- Tseng VL, Greenberg PB, Wu WC, Jiang L, Li E, Kang JM, Scott IU, Friedmann PD. Cataract surgery complications in nonagenarians. *Ophthalmology* 2011. Jul 118(7): 1229-35.
- Seidman CJ, Linakis J, Mello M, Greenberg PB. Aerosol container-related eye injuries in the United States: 1997-2009. *Am J Ophthalmol* 2011. Jun; 151(6): 1041-1046.
- 31. Ahmed Y, Khetpal V, Fay P, **Greenberg PB**. Retained metallic foreign bodies after phacoemulsification. *Clin Exp Ophthalmol* 2011. Sep/Oct;39(7): 713-14.
- 32. Greenberg PB, Tseng VL, Wu WC, Jiang L. Cataract surgery in the very ill. *J Cataract Refract Surg* 2011 May;37(5):970-1.
- 33. Greenberg PB, Tseng VL, Wu WC, Margo CE. Creating a feedback loop to improve cataract surgery outcomes. *J Cataract Refract Surg* 2012 Jan; 38(1); 175-6.
- 34. Chen AJ, Scott IU, **Greenberg PB**. Disclosure of resident involvement in ophthalmic surgery. *Arch Ophthalmol* 2012 Jul 1; 130(7): 932-4.**published with an accompanying editorial*
- 35. **Greenberg PB**, Havnaer A, Oetting T, Garcia-Ferrer F. Cataract surgery practice patterns in the United States Veterans Health Administration. *J Cataract Refract Surg* 2012 Apr;38(4): 705-9.
- 36. Li E, Greenberg PB, Tseng VL, Caffrey AR, Wu WC, Friedmann PD, LaPlante KL. In vitro coagulation effects of ophthalmic doses of bevacizumab. *J Ocul Pharmacol Ther* 2012 Jun; 28(3): 219-221.
- 37. Greenberg PB, Krzystolik MG, Tseng VL. Correspondence: Avastin doesn't blind people, people blind people. *Am J Ophthalmol* 2012 Sep;154(3): 610.
- 38. Yong JJ, Migliori M, **Greenberg PB**. A novel preclinical course in ophthalmology and ophthalmic virtual surgery. *RI Med J* 2012 Nov; 95 (11): 346-8.
- Armstrong GW, Kim JG, Linakis JG, Mello MJ, Greenberg PB. Pediatric eye injuries presenting to United States emergency room departments: 2001-2007. *Graefes Arch Clin Exp Ophthalmol* 2013 Mar;251(3):629-36.
- 40. Chen AJ, Kim JG, Linakis JG, Mello MJ, **Greenberg PB.** Eye injuries in the elderly from consumer products in the United States: 2001-2007. *Graefes Arch Clin Exp Ophthalmol* 2013 Mar;251(3):645-51.
- 41. Kim JG, Armstrong GW, Linakis JG, Mello MJ, **Greenberg PB**. Eye injuries in the elderly presenting to United States emergency departments. *J Am Geriatr Soc* 2013 Mar;61(3):470-2.
- 42. Chen AJ, Linakis JG, Mello MJ, **Greenberg PB.** Infant eye injuries from consumer products in the United States: 2001-2008. *J AAPOS* 2013 Jun;17(3):239-42.
- Ramaswamy SG, Krzystolik MK, Greenberg PB. Guideline adherent aspirin use in patients with age-related macular degeneration. *J Am Geriatr Soc* 2013 Jun;61(6):1033-4.
- 44. Li E, Fay P, **Greenberg PB**. A virtual cataract surgery course for ophthalmologistsin-training. *R I Med J* 2013 Jul 30;96(8):18-9.

- 45. Moreira H, Hatch KM, Greenberg PB. Benchmarking outcomes in residentperformed cataract surgery with toric intraocular lenses. *Clin Experiment Ophthalmol* 2013 Aug;41(6):624-6.
- 46. Young B, **Greenberg P**. Are the Institute of Medicine's trustworthiness guidelines trustworthy? *RI Med J* 2013 Jul 30;96(8):13-4.
- 47. Young BK, **Greenberg PB**. Is virtual reality training for resident cataract surgeons cost effective? *Graefes Arch Clin Exp Ophthalmol* 2013. Sep;251(9):2295-6.
- 48. Chen AJ, Chan J, Scott IU, **Greenberg PB**. Ophthalmic resident education in preventable surgical errors. *JAMA Ophthalmol* 2013 Sep 1;131(9):1238-40.
- 49. Moreira H, Hatch KH, **Greenberg PB**. Benchmarking outcomes in residentperformed cataract surgery with toric intraocular lenses: comment. *Clin Experiment Ophthalmol* 2013 Aug;41(6):624-6.
- 50. Chuang AT, Chen AJ, Chan, JJ, Margo CE, **Greenberg PB**. Retinal implants: analysis of the news media perspective. *JAMA Ophthalmol* 2014;132(1):119-120.
- Greenberg PB, Young BK, Margo CE, French DD. Inspecting the Inspector General's report on cataract surgery in the United States Veterans Health Administration. J Cataract Refract Surg. 2013 Dec;39(12):1930-2.
- 52. Chuang AT, Margo CE, **Greenberg PB**. Retinal implants: a systemic review. *Br J Ophthalmol*. 2014 Jul;98(7):852-6
- 53. Chen AJ, Chan JJ, Linakis JG, Mello MJ, **Greenberg PB**. Age and consumer product-related eye injuries in the United States. *R I Med J* (2013). 2014 Jan 3;97(1):44-8.
- 54. Salter A, Chen AJ, Lee DW, **Greenberg PB**. Compliance with postoperative cataract surgery care in an urban teaching hospital. *R I Med J* (2013) 2014;97(3):48-9.
- 55. Braithwaite T, Nanji AA, Lindsley K, **Greenberg PB**. Anti-vascular endothelial growth factor for macular oedema secondary to central retinal vein occlusion. *Cochrane Database Syst Rev.* 2014 May 1;5:CD007325.
- 56. Young BK, P, Cai F, Tandon VJ, George, P, **Greenberg PB**. Promoting medical student research productivity: the student perspective. *R I Med J* (2013). 2014 Jun 2;96(6):50-2.
- 57. Armstrong GW, Chen AC, Linakis JG, Mello MJ, **Greenberg PB**. Motor vehicle crash-associated eye injuries presenting to United States emergency departments. *West J Emerg Med.* 2014 Sep;15(6):693-700.
- 58. Young BK, Wu CM, Wu AM, Margo CE, **Greenberg PB**. Are Clinical practice guidelines for cataract and glaucoma trustworthy? *Am J Med Quality*, 2014 Jun 19.
- 59. Tseng VL, Linakis JG, Mello MJ, **Greenberg PB**. Patterns of ocular injury from paintball trauma. *Eye* (Lond). 2014 Oct;28(10):1266-7.
- 60. Wu AM, Wu CM, Young BK, Wu D, Chen AC, Margo CE, **Greenberg PB**. An evaluation of cataract surgery clinical practice guidelines. *Br J Ophthalmol* 2015;99:401-404.
- Chen AC, Havnaer AG, Greenberg PB. Training on the prevention of surgical errors in ophthalmology: the resident perspective. *J Cataract Refract Surg.* 2014 Dec;40(12):2157-8.
- 62. Yong JJ, Scott IU, **Greenberg PB**. Ocular nutritional supplements: are their ingredients and manufacturers' claims evidence-based? *Ophthalmology*. 2015 Mar;122(3):595-9.

- 63. Li E, Greenberg PB, Krzystolik MK. Nurse-administered intravitreal injections: a systematic review. *Graefes Arch Clin Exp Ophthalmol. 2015 Sep;253(9):1619-21.*
- 64. Wu AM, Wu CM, Margo CE, Greenberg PB. Reviewing the reviewers: appraisal of the United States Veterans Health Administration report on femtosecond laserassisted cataract surgery. J Cataract Refract Surg. 2015 Jan;41(1):237-9.
- 65. **Greenberg PB**, Chen AC, Wu WC. Sudden visual loss and cardiovascular risk factors in African Americans: the Jackson Heart Study. *Ophthalmic Epidemiol*. 2015 Apr;22(2):116-22.
- 66. Chen AJ, Havnaer AG, **Greenberg PB**. Reply. *J Cataract Refract Surg*. 2015 Mar;41(3):697.
- Wu A, Wu C, Young BK, Wu D, Margo CE, Greenberg PB. An evaluation of primary open-angle glaucoma clinical practice guidelines. *Can J Ophthalmol.* 2015 Jun;50(3):192-61.
- Wu A, Wu C, Young BK, Wu D, Margo CE, Greenberg PB. Critical appraisal of clinical practice guidelines for age-related macular degeneration. *J Ophthalmol*. 2015;2015:710324.
- 69. Yee C, **Greenberg PB**, Margo CE, French DD. Financial disclosures in academic publications and the Sunshine Act: a concordance study. *Br J Med Res 10(5): 1-6, 2015*.
- 70. Gewaily D, Muthuswamy K, **Greenberg PB.** Intravitreal steroids versus observation for macular edema secondary to central retinal vein occlusion. *Cochrane Database Syst Rev.* 2015 Sep 9;9:CD007324.
- Thakore R, Perlman EM, Greenberg PB. Placing bundled payments in perspective: a survey of the New England Ophthalmological Society. *RI Med J* (2013). 2015 Dec 1;98(12):44-9.
- Wu CM, Wu AM, Young BK, Wu D, Margo CE, Greenberg PB. An appraisal of clinical practice guidelines for diabetic retinopathy. *Am J Med Qual*. 2016 Jul;31(4):370-5.
- 73. Wu D, **Greenberg PB**. A self-directed preclinical course in ophthalmic surgery. J Surg Educ. 2016 May-Jun;73(3):370-4.
- 74. Li E, Paul A, Greenberg PB. A revised simulation-based cataract surgery course for ophthalmology residents. *R I Med J* (2013). 2016 Apr 1;99(4):26-7.
- 75. French DD, Margo CE, Campbell RR, **Greenberg PB**. Volume of cataract surgery and surgeon gender: the Florida ambulatory surgery center experience 2005 through 2012. *J Med Pract Manage*. 2016 Mar-Apr;31(5):297-302.
- 76. French DD, Margo CE, Greenberg PB. The influence of managed care on the variation in rate and timing of cataract surgery (letter to editor). *JAMA Ophthalmol*. 2016 May 26.
- 77. Li E, **Greenberg PB**, Voruganti I, Krzystolik MG. Cost and selection of ophthalmic anti-vascular endothelial growth factor agents. *R I Med J* (2013). 2016 May 2;99(5):15-7.
- 78. Thakore R, Greenberg PB, French DD, Behrens J. Variation in ophthalmologist use of anti-vascular endothelial growth factor therapy among Medicare beneficiaries. *JAMA Ophthalmol*. 2016 Sep 1;134(9):1071-2.

- 79. Yee C, Wu AM, Wu CM, Thakore RV, Greenberg PB. Student-driven approaches to undergraduate medical research: a peer-led symposium. *R I Med J* (2013). 2016 Aug 1;99(8):31-3
- 80. **Greenberg PB**, Thakore R, Cockerham GC, Clark MA. Emerging cataract surgery practice patterns in the Veterans Health Administration. *Fed Pract*. 2016 September;33(9):10-13. (Cover article)
- 81. **Greenberg PB**, Chen AC, Wu WC. Sudden visual loss and mortality in African Americans: the Jackson Heart Study. *Ophthalmic Epidemiol*. 2016 Oct;23(5):285-91.
- 82. Havnaer AG, **Greenberg PB**. Medical school ranking and student research opportunities. *R I Med J* (2013). 2016 Oct 4;99(10):48-53
- 83. Havnaer AG, **Greenberg PB**. Scholarly concentration programs and medical student research productivity: a systematic review. *Perspect Med Educ*. 2017 Mar 27
- 84. French DD, Margo CE, Behrens J, **Greenberg PB**. Rates of routine cataract surgery among Medicare beneficiaries. *JAMA Ophthalmol*. 2017 Jan 5.
- 85. Cheng D, **Greenberg PB**, Borton D. Advances in retinal prosthetic research: a systematic review of engineering and clinical characteristics of current prosthetic initiatives. *Curr Eye Res.* 2017 Mar;42(3):334-347.
- 86. Havnaer A, **Greenberg PB**, Cockerham GC, Chomsky A, Clark MA. Cataract surgery practices in the United States Veterans Health Administration. *J Cataract Refract Surg.* 20 May 2017.
- Tran EM, Scott IU, Clark MA, Greenberg PB. Assessing and promoting the wellness of United States ophthalmology residents: a survey of program directors. *J Surg Educ*. 2017 Jul 7. pii: S1931-7204(17)30120-4.
- 88. Choi A, Braun J, Papandonatos G, **Greenberg PB**. Occupational styrene exposure and acquired dyschromatopsia: a systematic review and meta-analysis. *Am J Ind Med*. 2017 Aug 24.
- Perlman EM, Greenberg PB, Browning D, Friday RP and Miller JW. Solving the hydroxychloroquine dosing dilemma with a smartphone app. *JAMA Ophthalmol*. 2018 Feb 1;136(2):218-219.
- 90. Choi A, Cheng D, **Greenberg PB**. Twelve tips for medical students to conduct a systematic review. *Med Teach*, 2018 Jan 23.
- 91. Kaushik A, Chen AJ, Lee IM, Paul AA, Rivera JJ, **Greenberg PB**. Risk factors for early intraocular pressure elevation after cataract surgery in a cohort of United States Veterans. *Mil Med*. 2018 Feb 7.
- 92. French DD, Margo CE, **Greenberg PB**. Ischemic stroke risk in Medicare beneficiaries with central retinal artery occlusion: a retrospective cohort study. *Ophthalmol Ther* 2018 Mar 24.
- 93. Wu AM, Wu CM, **Greenberg PB**, Yu F, Lum F, Coleman AL. Frequencies of bevacizumab and ranibizumab injections for diabetic macular edema. *Ophthalmic Surg Lasers Imaging Retina*. 2018 Apr 1;49(4):241-244.
- 94. Wu AM, Wu CM, Greenberg PB, Tseng VL, Giaconi JA, Yu F, Coleman AL. Characteristics associated with receiving cataract surgery in the United States Medicare and Veterans Health Administration populations. *JAMA Ophthalmol.* 2018 May 2.

- 95. Tran EM, Chen AJ, Scott IU, Clark MA, Greenberg PB. Resident wellness in United States ophthalmic graduate medical education: the resident perspective. JAMA Ophthalmol. 2018 Jun 1;136(6):695-701
- 96. Choi A, **Greenberg PB**. Patient education strategies in cataract surgery: a systemic review. *J Evid Based Med*. 2018 May;11(2):71-82
- 97. Huang J, Mega J, Greenberg PB. Vitreous hemorrhage in the setting of a vascular loop. *Fed Pract*. 2018 June;35(6):38-39.
- 98. Wu AM, Wu CM, **Greenberg PB**, Tseng VL, Yu F, Lum F, Coleman AL. The use of bevacizumab and ranibizumab for branch retinal vein occlusion in Medicare beneficiaries. *Am J Ophthalmol Case Rep.* 11 (2018) 105-108.
- 99. Li E, Marge CE, **Greenberg PB**. Cataract surgery outcomes in the very elderly: a focused review. *J Cataract Refract Surg*. 2018 Sep;44(9):1144-1149.
- 100. Tran EM, Ip J, Greenberg PB. Engaging college-level baccalaureate-MD students in clinical research. *R I Med J (2013)*. 2018 Sep 4;101(7):35-38.
- 101. Paul S, Clark MA, Scott IU, Greenberg PB. Virtual eye surgery training in ophthalmic graduate medical education. *Can J Ophthalmol.* 2018;53:e218–e220.
- 102. Greenberg PB, Scott IU, Chen AJ. Reducing the disclosure effect in the vitreoretinal fellowship match. *JAMA Ophthalmol.* 2018 Oct 18.
- 103. Akiki R, Statler B, Greenberg PB, Janigian R. Unilateral birdshot chorioretinopathy in an elderly patient. *R I Med J (2013)*. 2019 Feb 1;102(1):60-61.
- 104. Li E, Marge CE, **Greenberg PB**. A primary care provider's guide to cataract surgery in the very elderly. *Fed Pract*. 2019 Apr;36(4): 176-180.
- 105. Halladay CW, Hadi T, Anger MD, Greenberg PB, Sullivan JM, Konicki PE, Peachey NS, Igo RP Jr, Iyengar SK, Wu WC, Crawford DC; VA Million Veteran Program. Genetically-guided algorithm development and sample size optimization for age-related macular degeneration cases and controls in electronic health records from the VA Million Veteran Program. *AMIA Jt Summits Transl Sci Proc.* 2019 May 6;2019:153-162. eCollection 2019.
- 106. Roberts JD, Hunter A, Mega J, Cesaro T, Greenberg PB. Case report: glaucomaassociated peripapillary retinoschisis with corresponding lamina cribrosa defect *Optom Vis Sci.* 2020 Feb;97(2):104-10 9
- 107. Tang KS, Tran EM, Chang AJ, Rivera DR, Rivera JR, **Greenberg PB.** The accuracy of biometric formulae for intraocular lens power calculation in a teaching hospital. *Int J Ophthalmol.* 2020 Jan 18;13(1):61-65.
- 108. Tang KS, Chang DL, **Greenberg PB**. Augmented reality in medical education: a systematic review. *Can Med Educ J*. 2020 Mar 16;11(1):e81-e96
- 109. Tran EM, Tang KS, Chang AJ, Chen ML, Rivera DR, Rivera JR, **Greenberg PB**. Refractive outcomes for cataract surgery with toric intraocular lenses in a teaching hospital. *Fed Pract.* 2020 Mar;37(3):138-142.
- 110. Tran EM, Eskander J, Jiang L, **Greenberg PB**. The prevalence of preoperative medical testing and consultation in cataract surgery patients at a teaching hospital. *J Cataract Refract Surg.* 2020 Jun;46(6):827-830.
- 111. Tran EM, Tran M, Clark MA, Margo CE, Scott IU, Cosenza C, Johnson TP, Greenberg PB. Assessing the quality of published surveys in ophthalmology. *Ophthalmic Epidemiol*. 2020 Apr 6:1-5.

- Olivieri DJ, Lynch MG, Cockerham GC, Greenberg PB. A survey of glaucoma surgery practice patterns in the Veterans Health Administration. *Mil Med* 2020 May 15.
- 113. Tang KS, Cheng DL, Wu WC, Greenberg PB. Example-based learning as a guide for revising a peer-reviewed manuscript. *Med. Sci. Educ.* (2020) 18 Jun.
- Browning DJ, Yokogawa N, Greenberg PB, Perlman E. Rethinking the Hydroxychloroquine dosing and retinopathy screening guidelines. *Am J Ophthalmol.* 2020 Jun 28:S0002-9394(20)30326.
- 115. Lin JC, Paul AA, Greenberg PB. Mental skills training and resident surgical outcomes: a systematic review. *J Surg Educ*. 2020 Nov-Dec;77(6):1377-1391.
- 116. Olivieri DJ, Yu Z, Greenberg PB. Advancing equity in global ophthalmology. *Graefes Arch Clin Exp Ophthalmol.* 2020 Nov 16. Epub ahead of print.
- 117. Browning DJ, Yokogawa N, Greenberg PB, Perlman E. Reply to Comment on: Rethinking the Hydroxychloroquine Dosing and Retinopathy Screening Guidelines. *Am J Ophthalmol.* 2020 Nov 20:S0002-9394(20)30509-2. Online ahead of print.
- 118. **Greenberg PB**, Scott IU. Video-conference interviewing for the ophthalmology residency match. *JAMA Ophthalmol*. 2020 Dec 23. Online ahead of print.
- 119. Olivieri DJ, Thapa R, Greenberg PB. Increasing local engagement in global eye care policy. *Graefes Arch Clin Exp Ophthalmol.* 2021 Jan 19. Epub ahead of print
- 120. Lin JC, Jian L, Scott IU, Greenberg PB. COVID-19 and public interest in ophthalmic services and conditions. *R I Med J* (2013). 2021 Feb 1;104(1):61-64.
- 121. Eskander J, Rajaguru P, Greenberg PB. Evaluating wellness interventions for resident physicians: a systematic review. *J Grad Med Educ*. (2021) 13 (1): 58–69.
- 122. Olivieri DJ, Yu ZZ, Tabin GC, Thapa R, **Greenberg PB**. Characterising transnational ophthalmic surgical partnerships by engagement and training. *Clin Experiment Ophthalmol*. 2021; 49: 347–356
- 123. Browning DJ, **Greenberg PB.** Quantifying conflict of interest in the choice of anti-VEGF agents. *Clin Ophthalmol*. 2021;15:1403-1408.
- 124. Lin JC, Chen AJ, Scott IU, Greenberg PB. U.S. News & World Report Ophthalmology Hospital Rankings and Research Productivity. J Acad Ophthalmol (2017). 2021 Jun 30;13(1):e46-e50.
- 125. Olivieri DJ, Yu ZZ, **Greenberg PB.** Characteristics of ophthalmic grants to lowand middle-income countries. *Graefes Arch Clin Exp Ophthalmol*, 2021 Jun 21. Epub ahead of print.
- 126. Patel EL, Bates JM, Holguin JK, Pommer SD, King SS, **Greenberg PB**, Albanese A, Sanders KM, Bowman MA. Associated health training in the Veterans Health Administration. *Fed Pract*. 2021 August;38(8):374-380.
- 127. Lin JC, Lokhande A, Scott IU, **Greenberg PB**. Predictors of future research productivity among ophthalmology residents. *Semin Ophthalmol*. 19 Aug 2021 Epub ahead of print.
- 128. Lin JC, Janigian NC, Kang C, **Greenberg PB**. Gender and country of residence of presenters in the retinal field at global ophthalmology conferences. *Clin Exp Ophthalmol.* 2021 Aug 21. doi: 10.1111/ceo.13986. Epub ahead of print.

- 129. Lin JC, Ip JY, Clark MA, **Greenberg PB**. College-level baccalaureate-MD student perceptions of research and research-oriented careers. *R I Med J (2013)*. 2021 Sep 1;104(7):55-58.
- 130. Lin JC, Tran M, Greenberg PB. Journal publication of ASCRS meeting abstracts. J Cataract Refract Surg. 2021 Sep 1;47(9):1240-1241.
- 131. Nealon CL, Halladay CW, Kinzy TG, Simpson P, Canania RL, Anthony SA, Roncone DP, Sawicki Rogers LR, Leber JN, Dougherty JM, Sullivan JM, Wu WC, Greenberg PB, Iyengar SK, Crawford DC, Peachey NS, Cooke Bailey JN; VA Million Veteran Program. Development and Evaluation of a Rules-based Algorithm for Primary Open-Angle Glaucoma in the VA Million Veteran Program. *Ophthalmic Epidemiol.* 2021 Nov 25:1-9.
- 132. Lin JC, French DD, Margo CE, **Greenberg PB**. Epidemiology of postoperative visual loss for non-ocular surgery in a cohort of inpatients. *Eye* (Lond). 2021 Nov 19. Online ahead of print.
- 133. Hafez S, Mancini A, Greenberg PB, Siegal C. Hunter A. Ocular manifestations of mantle cell lymphoma. *Optom Vis Sci.* 2022 Feb 1;99(2):186-189.
- 134. Lin JC, Yu Z, **Greenberg PB.** Virtual reality training for cataract surgery operating performance in ophthalmology trainees. *Cochrane Database Syst Rev.* 2021 Dec 21;12(12):CD014953.
- 135. Zerbinopoulos B, Goman-Baskin E, Greenberg PB, Bryan R, Messina C. The role of diagnostic imaging in Macular Telangiectasia Type 2. *Fed Pract.* 2021 Dec;38(12):594-597.
- 136. Lin JC, Lokhande A, Chen AJ, Scott IU, Greenberg PB. Characteristics of First-Year Residents in Top-Ranked United States Ophthalmology Residency Programs. J Acad Ophthalmol (2017). 2022 Jan 30;14(1):e7-e17.
- 137. Lin JC, Ghauri SY, Scott IU, Greenberg PB. Eye health care utilization among Native Hawaiian and Pacific Islander adults in the United States. *Ophthalmic Epidemiol.* 2022 Feb 2:1-5. Online ahead of print.
- 138. Lin JC, Ghauri SY, French DD, Scott IU, **Greenberg PB**. Predictors of price transparency for cataract surgery and laser posterior capsulotomy at academic hospitals in the United States. *R I Med J* (2013). 2022 Mar 1;105(2):43-45.
- 139. Byrne JM, Patel EL, Greenberg, PB, Eason M, Albanese AP, Bope ET, Stephan SL, Youngblood PT. A First Look at the VA MISSION Act Veteran Health Administration Medical School Scholarship and Loan Repayment Programs. *Fed Pract* 2022 March; 39(3):110-113.
- 140. Vogel K, Rojas CN, Greenberg PB, Margo CE, French DD. Impact of the COVID-19 Pandemic on Cataract Surgeries in the United States. *Clin Ophthalmol.*, 2022 May 25;16:1601-1603.
- 141. Waksmunski AR, Kinzy TG, Cruz LA, Nealon CL, Halladay CW, Simpson P, Canania RL, Anthony SA, Roncone DP, Rogers LS, Leber JN, Dougherty JM, Greenberg PB, Sullivan JM, Wu WC, Iyengar SK, Crawford DC, Peachey NS, Cooke Bailey JN; VA Million Veteran Program. Glaucoma genetic risk scores in the Million Veteran Program. *Ophthalmology*. 2022 Jun 16:S0161-6420(22)00444-4.
- 142. Moxon NR, Wang A, Margo CE, **Greenberg PB**, French DD. The association between complex cataract surgery and social determinants of health in Florida. *Ophthalmic Epidemiol*. 2022 Jun;29(3):279-285.

- 143. Kashner TM, Greenberg PB, Henley SS, Bowman MA, Sanders KM. Assessing physician resident contributions to outpatient clinical workload. *Med Care*. 2022 Jul 28. Online ahead of print.
- 144. Younessi DN, Lin JC, **Greenberg PB**, French DD. Correlates of Price Transparency for Healthcare Services in United States Hospitals. *Clinicoecon Outcomes Res.* 2022 Sep 9;14:601-606.
- 145. Birnbaum AD, Greenberg PB, Sanders KM. 75 years of the historic partnership between the VA and academic medical centers. *Fed Pract*. 2022 Sep;39(9):368-370.
- 146. Lin JC, Kang C, Clark MA, **Greenberg PB**. Perceptions of research and research-oriented careers among college-level baccalaureate-md students in the United States. *Med Sci Educ*. 2022 Oct 8;32(6):1263-1268.
- 147. Lin JC, Lokhande A, Margo CE, Greenberg PB. Best practices for interviewing applicants for medical school admissions: a systematic review. *Perspect Med Educ*. 2022 Oct;11(5):239-246.
- 148. Song SL, Yu ZZ, Pavlech L, Scott IU, **Greenberg PB**. Theoretical frameworks in medical education: using a systematic review of ophthalmology education research to create a theory of change model. *J Grad Med Educ*. 2022 Oct;14(5):568-582.
- 149. Glickman A, Hunter A, **Greenberg PB**, Galler E, Mega J, Sellechio J. A patient with recurrent stromal keratitis and adherence challenges. *Fed Pract.* 2022 October; 39(10):403-406.
- 150. Kang C, Lin JC, Qureshi R, Scherer R, **Greenberg PB**. Author, study, and publication metrics of brief reports and full-length research articles in ophthalmology journals. *Clin Exp Ophthalmol*. 2022 Dec 23. Epub ahead of print.
- 151. Lin JC, Ghauri SY, French DD, Scott IU, **Greenberg PB**. State-sponsored price transparency programs for ophthalmology in the United States. *Health Policy Technol.*, Vol 11, Dec 2022.
- 152. Lee MJ, Lin JC, Qureshi R, **Greenberg PB**. Predictors of citation count for systematic reviews in ophthalmology. *Graefes Arch Clin Exp Ophthalmol*. 2023 Jan;261(1):281-282.
- 153. Waksmunski AR, Kinzy TG, Cruz LA, Nealon CL, Halladay CW, Anthony SA, Greenberg PB, Sullivan JM, Wu WC, Iyengar SK, Crawford DC, Peachey NS, Cooke Bailey JN. Diversity is key for cross-ancestry transferability of glaucoma genetic risk scores in Hispanic Veterans in the Million Veteran Program. *Pac Symp Biocomput*. 2023;28:413-424.
- 154. Lin JC, Song S, Ng SM, Scott IU, **Greenberg PB**. Interventions for acute nonarteritic central retinal artery occlusion. *Cochrane Database Syst Rev.* 2023 Jan 30;1:CD001989.
- 155. Zhu AS, Lin JC, Kang C, Oureshi R, Scherer RW, Greenberg PB. Predictors of citations for original research in ophthalmology. *Semin Ophthalmol.* 2023 Jan 25:1-4.
- 156. Kim E, Ganga A, Rana VK, **Greenberg PB**. Basketball-associated eye injuries: a systematic review. *R I Med J* (2013), vol. 106, no. 2, 2023, pp. 40-42.
- 157. Lin JC, Ghauri S, Lee MJ, Scott IU, **Greenberg PB**. Big data in ophthalmology: a systematic review of public databases for ophthalmic research. *Eye* (Lond). 2023 Mar 1. Epub ahead of print.
- 158. Kang C, Shin CJ, Scott IU, **Greenberg PB**. Virtual supervision in ophthalmology. *Graefes Arch Clin Exp Ophthalmol.* 2023 Apr 5:1-8. Online ahead of print.

- 159. Nano E, Baskin E, **Greenberg PB**, Huckfeldt RM, Hunter A. Macular dystrophy with associated retinitis pigmentosa-1 like 1 genetic mutation. *Clin Exp Optom*. 2023 May 8:1-3.
- 160. Kim E, Ganga A, Rana VK, **Greenberg PB.** The epidemiology of basketballassociated eye injuries in the United States, 2012-2021. *Graefes Arch Clin Exp Ophthalmol.* 2023 Jun 9 Epub ahead of print.
- 161. Nealon CL, Halladay CW, Gorman BR, Simpson P, Roncone DP, Canania RL, Anthony SA, Sawicki Rogers LR, Leber JN, Dougherty JM, Cooke Bailey JN, Crawford DC, Sullivan JM, Galor A, Wu WC, Greenberg PB, Lass JH, Iyengar SK, Peachey NS; Million Veteran Program. Association between Fuchs endothelial corneal dystrophy, diabetes mellitus, and multimorbidity. *Cornea*. 2023 May 12. Epub ahead of print
- 162. Lin JC, Song SL, Shieh SJ, Cheung CHA, Hsu HC, **Greenberg PB**. Cross-cultural comparison of an American and a Taiwanese medical school with longstanding institutional ties. *R I Med J* (2013). 2023 Oct 2;106(9):23-27.
- 163. Lin JC, Song SL, Ng SM, Scott IU, **Greenberg PB**. Treatments for acute nonarteritic central retinal artery occlusion: findings from a Cochrane systematic review. *Ophthalmic Surg Lasers Imaging Retina*, 2023 Oct 1:1-4.
- 164. Lin JC, Younessi DN, Greenberg PB. The ophthalmology residency match experience with interview cap. *Acad Med.* 2023 Oct 30. Epub ahead of print.
- 165. Kashner TM, Greenberg PB, Birnbaum AD, Byrne JM, Sanders KM, Wilson MA, Bowman MA. Patient surgical outcomes when surgery residents are the primary surgeon by intensity of surgical attending supervision in Veterans Affairs medical centers. *Annals of Surgery Open* 4(4):p e351, December 2023.
- 166. Lin JC, **Greenberg PB**. Risks of using third-party data sources for health economics research. *Health Aff* (Millwood). 2023 Nov;42(11):1621
- Kang C, Wang E., Chomsky A, Greenberg PB. Retained foreign objects after routine cataract surgery: a systematic review *Graefes Arch Clin Exp Ophthalmol.* 2023 Nov 14.
- 168. Kang C, Sanders KM, **Greenberg PB**. Addressing the weak evidence base on precepting with telemedicine in medical education. *Acad Med*. 2023 Dec 1. Online ahead of print.
- 169. Lin JC, Scott IU, Greenberg PB. Prevalence and risk factors of self-reported vision impairment among Native Hawaiians and Pacific Islanders. *Hawaii J Health Soc Welf*, 2023 Dec;82(12):296-301.
- 170. JC, Greenberg PB. Equity, access, and carbon cost-effectiveness of bilateral cataract surgery. *Lancet*. 2024 Jan 27;403(10424):353.
- 171. Lin JC, Shin CJ, Greenberg PB. The impact of the medical school admissions interview: a systematic review. *Can Med Educ J*, 2024 Feb. 29;15(1):68-74.
- 172. Lin JC, Hu D, Scott IU, Greenberg PB. Gender diversity and research productivity of journal editorial and professional society board members in medical education. *Med Sci Educ*. 2024 Feb 24;34(2):327-330.
- 173. Gorman BR, Francis M, Nealon CL, Halladay CW, Duro N, Markianos K, Genovese G, Hysi PG, Choquet H, Afshari NA, Li YJ; VA Million Veteran Program; Gaziano JM, Hung AM, Wu WC, **Greenberg PB**, Pyarajan S, Lass JH, Peachey NS, Iyengar

SK. A multi-ancestry GWAS of Fuchs corneal dystrophy highlights the contributions of laminins, collagen, and endothelial cell regulation. *Commun Biol* **7**, 418 (2024).

- 174. Lin JC, Hu D, Scott IU, Greenberg PB. Evidence-based practices for interviewing applicants for graduate medical education: a systematic review. J Grad Med Educ., (2024) 16 (2): 151–165.
- 175. Kang C, Lee MJ, Chomsky A, Oetting TA, **Greenberg PB**. Risk factors for complications in resident-performed cataract surgery: a systematic review. *Surv Ophthalmol.*, 2024 Apr 20:S0039-6257(24)00032-8.
- 176. Byrne JM, **Greenberg PB**, Sanders KM, Birnbaum AD, Patel EL, Scilla RM. Graduate medical education financing in the US Department of Veterans Affairs. *Fed Pract* 2024 Apr; 41(4):122.
- 177. Han E, Gillette J, **Greenberg PB**. Spectrum of isolated retinal artery occlusion secondary to giant cell arteritis: a systematic review. *Ophthalmic Surg Lasers Imaging Retina*. 2024 Jul 1:1-5.
- 178. Gillette J, Waldman O, Zaidat K, **Greenberg PB**. The epidemiology of nonpowder firearm-related eye trauma in the United States, 2013-2022. *Graefes Arch Clin Exp Ophthalmol.* 2024 Jun 28. Epub ahead of print.
- 179. Kang C, Shin CJ, Han JY, Jarmale SN, Scott IU, Sanders KM, Greenberg PB. Virtual supervision in graduate medical education: a systematic review. *J Grad Med Educ.* 1 August 2024; 16 (4): 415–426.
- 180. Lin JC, Gong JH AB, Yu ZZ, Scott IU, Greenberg PB. Trends in Medicare Charges, Reimbursements, and Utilization for Ophthalmic Versus Non-Ophthalmic Procedures. *Health Policy Technol.*, Vol. 13, Issue 4, 2024.
- 181. Ross C, Ghauri S, Gilbert JB, Hu D, Ullanat V, Gong D, Greenberg PB, Eliott D, Elze T Lorch A, Miller JW, and Krzystolik MG, and the IRIS ® Registry Analytic Center. Consortium Intravitreal Antibiotics versus Early Vitrectomy plus Intravitreal Antibiotics for Post-Injection Endophthalmitis: an IRIS® Registry (Intelligent Research in Sight) Analysis. *Ophthalmol Retina*. 2024 Sep 9:S2468-6530(24)00424-X. Epub ahead of print.
- 182. Kashner MK, Greenberg PB, et al. Association between teaching clinic structure and the readiness of ophthalmology residents to enter independent practice. *J Surg Educ.* 2024 Oct 8;81(12):103270. in press.
- 183. Kang C, Lo JE, Zhang H, Ng SM, Lin JC, Scott IU, Kalpathy-Cramer J, Liu SA, Greenberg PB. Artificial intelligence for diagnosing exudative age-related macular degeneration. *Cochrane Database Syst Rev.* 2024 Oct 17;10:CD015522

OTHER PEER-REVIEWED PUBLICATIONS

- 1. **Greenberg PB** and Gupta G. Current management of retinal vein occlusion. *Retinal Physician.* January 2005
- 2. Gupta G and Greenberg PB. Systemic anticoagulants and retinal vein occlusion. *Retinal Physician.* May 2006
- 3. Seidman CJ, Scott IU, **Greenberg PB**. Ophthalmology in the undergraduate medical curriculum: web-based learning and virtual surgery in an elective course on cataracts. *J Acad Ophthalmol.* 2011; 4:15-19.

- Catalan NG, Jackson D, Greenberg PB. Patient-centered care for diabetic retinopathy: a nursing initiative for patient education. *Insight*. 2014 Fall; 39 (4): 15-17.
- 5. Aminlari A, Scott IU, **Greenberg PB**. Ophthalmology residents' perspectives regarding disclosure of resident involvement in ophthalmic surgery. *J Acad Ophthalmol*. 2014;7:e3–e7.
- 6. Chang AT, Margo CE, **Greenberg PB**. Shifting focus in retinal implant development. *Review of Ophthalmology* December 2015; pp 36-38.
- 7. Cheng DL, Borton DA, **Greenberg PB**. The evolving field of retinal prostheses: current aims and future directions. *Review of Ophthalmology* 9 Jun 2017.
- 8. Paul S, Paul AA, Scott IU, **Greenberg PB**. A virtual reality cataract surgery course for residents. *J Acad Ophthalmol* 2018; 10(01): e41-e42.
- 9. Chen AJ, Tran EM, Clark MA, Scott IU, **Greenberg PB**. Preferences and practices of United States ophthalmology residency program directors regarding post-interview communication with residency applicants. *J Acad Ophthalmol* 2018; 10(01): e43-e47.
- 10. Almosawy HJ, Mega JV, **Greenberg PB**, Messina C, Hunter A. Ocular Ischemic Syndrome: A Brief Review. *CRO Journal*. 2020;31(2).
- 11. Scheiber B, Mega JV, Greenberg PB, Hunter A. An asymptomatic circumscribed choroidal hemangioma: a case report. *CRO Journal*. 31.3, 2020.
- 12. Schieber B, Hunter A, Mega J, Wu WC, Mernoff ST, **Greenberg PB**. Retinal Emboli from Vascular Disease: A Brief Review. *CRO Journal*. 2020, 31(4).
- 13. Almosawy H, Mega J, Messina C, Hunter A, **Greenberg PB**. Retinal arterial macroaneurysm: A Brief Review. *CRO Journal*. 31.5, 2020.
- 14. Lin J, Paul AA, Scott IU, **Greenberg PB**. Integrating mental practice into a covid-19appropriate virtual reality cataract surgery course for ophthalmology residents. *J Acad Ophthalmol* 2020;12:e298–e300.
- 15. Olivieri DJ, **Greenberg PB**. A medical student's guide to developing a virtual presentation during COVID-19. *New Zealand Medical Student Journal* blog. 21 Jan 2021. <u>Link</u>.
- 16. Younessi DN, Margo CE, Greenberg PB, French DD. VA community care and Medicare reimbursement comparison for top 10 ophthalmic procedures. *J Med Pract Manage*, Volume 36, Number 5, pages 269-271, 2021.
- 17. Branca V, Doyle R, Mega J, Greenberg PB, Loporchio S, Sellechio J. Proliferative diabetic retinopathy: a case review. *CRO Journal*. 32.2, 2021.
- Song S, Zane ZZ, Greenberg PB. Using Covidence for systematic reviews: a guide for medical students. *New Zealand Medical Student Journal* blog. July 12, 2021. <u>Link.</u>
- 19. Branca V, Hunter A, Raposo F, Greenberg PB, Janigian RH, Goman-Baskin E. Posterior Scleritis Secondary to Sarcoidosis. *CRO Journal*. 2021;32(4).
- 20. Walburg ZG, Janigian RH, **Greenberg PB**, Mega J, Hunter A. A late presentation of unilateral idiopathic retinal vasculitis, aneurysms, and neuroretinitis (IRVAN) syndrome. *CRO Journal*. 2021;32(4).
- 21. Nano E, Raposo F, **Greenberg PB**, Savoie B. Acquired vitelliform lesions in the setting of nonexudative age-related macular degeneration. *CRO Journal*. 2022;33(1).
- 22. Lin JC, Olivieri DJ, **Greenberg PB**. Leveraging medical student teams in research. *New Zealand Medical Student Journal* blog June 26, 2022. <u>Link</u>.

- Zerbinopoulos BB, Mega JV, Greenberg PB, Janigian RH, Doyle R. A case of post-fever retinitis in a patient with positive *Lyme Borreliosis* serology. *CRO Journal*. 2022;33(2). Link
- 24. Hunter A, Glickman A, **Greenberg PB**, Doyle R, Janigian R. Ocular syphilis: a case of progressive bilateral panuveitis. *CRO Journal*. Published online February 3, 2023.
- Lee MJ, Lin JC, Greenberg PB. Writing your first research publication as a medical student: a beginner's guide. *New Zealand Medical Student Journal* blog, April 24, 2023. Link
- 26. Hunter A, Carrion J, Loporchio S, **Greenberg PB**. Chronic Serous Chorioretinopathy: A Case Study. *CRO Journal*. Link

BOOKS

Puliafito CA, Rogers A, Martidis A, **Greenberg PB**. Ocular Photodynamic Therapy, Thorofare, NJ: SLACK, Inc. 2001

Greenberg PB, Lin JC, Tseng VL. The Medical Student's Field Guide to Research. Under contract with Johns Hopkins University press.

PUBLICATIONS FROM MULTICENTER TRIALS

- Diabetic Retinopathy Clinical Research Network. Krzystolik MG, Strauber SF, Aiello LP, Beck RW, Berger BB, Bressler NM, Browning DJ, Chambers RB, Danis RP, Davis MD, Glassman AR, Gonzalez VH, Greenberg PB, Gross JG, Kim JE, Kollman C Reproducibility of macular thickness and volume using Zeiss optical coherence tomography in patients with diabetic macular edema. *Ophthalmology*. 2007 Aug;114(8):1520-5. Epub 2007 Mar 13. Site Co-I: Retina Consultants, Inc., Providence, RI.
- 2. Diabetic Retinopathy Clinical Research Network. A randomized trial comparing intravitreal triamcinolone acetonide and focal/grid photocoagulation for diabetic macular edema. *Ophthalmology*.2008 Sep;115(9):1447-9. Site Co-I: Retina Consultants, Inc., Providence, RI
- 3. Scott IU, Ip MS, VanVeldhuisen PC, Oden NL, Blodi BA, Fisher M, Chan CK, Gonzalez VH, Singerman LJ, Tolentino M; SCORE Study Research Group. A randomized trial comparing the efficacy and safety of intravitreal triamcinolone with standard care to treat vision loss associated with macular Edema secondary to branch retinal vein occlusion: the Standard Care vs Corticosteroid for Retinal Vein Occlusion (SCORE) study report 6. *Arch Ophthalmol.* 2009 Sep;127(9):1115-28. Site PI: Retina Consultants, Inc., Providence, RI
- 4. Ip MS, Scott IU, VanVeldhuisen PC, Oden NL, Blodi BA, Fisher M, Singerman LJ, Tolentino M, Chan CK, Gonzalez VH; SCORE Study Research Group. A randomized trial comparing the efficacy and safety of intravitreal triamcinolone with observation to treat vision loss associated with macular edema secondary to central retinal vein occlusion: The Standard Care vs Corticosteroid for Retinal Vein Occlusion (SCORE) study report 5. *Arch Ophthalmol.* 2009 Sep;127(9):1101-14. Site PI: Retina Consultants, Inc., Providence, RI.

 Scott IU, Oden NL, VanVeldhuisen PC, Ip MS, Blodi BA, Antoszyk AN; SCORE Study Investigator Group. SCORE Study Report 7: Incidence of intravitreal silicone oil droplets associated with staked-on vs luer cone syringe design. *Am J Ophthalmol.* 2009 Nov;148(5):725-732.e7. Epub 2009 Aug 11. Site PI: Retina Consultants, Inc., Providence, RI

ABSTRACTS

- 1. **Greenberg PB**, Rogers A, Martidis A, Duker JS, Puliafito CA. Photodynamic therapy with verteporfin for choroidal neovascularization due to angioid streaks. *Invest Ophthalmol Vis Sci 2001; 42, S440.* Poster: Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Ft. Lauderdale, FL May 2001
- Rogers A, Martidis A, Greenberg PB, Truong SN, Puliafito CA. Optical coherence tomography of subfoveal choroidal neovascularization treated with photodynamic therapy. *Invest Ophthalmol Vis Sci 2001; 42, S513*. Poster: Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Ft. Lauderdale, FL May 2001
- 3. Gupta G, **Greenberg PB**. The prevalence of high-risk factors and adherence to hydroxychloroquine screening guidelines in a cohort of U.S. veterans. Poster: American Academy of Ophthalmology Annual Meeting, Chicago, IL. October 2005
- 4. Anderson KL, **Greenberg PB**. Using nine abilities to assess the Accreditation Council for Graduate Medical Education General Competencies. Poster: American Academy of Ophthalmology Annual Meeting, Chicago, IL. October 2005
- 5. Filippopoulos T, Anderson KL, **Greenberg PB**, Rao SK, Katsoulakis, NP and Perlman EM. Antibiotic prophylaxis for routine cataract surgery in New England. Poster: New England Ophthalmological Society Meeting, Boston, MA. May 2005
- Filippopoulos T, Anderson KL, Greenberg PB, Rao SK, Katsoulakis NP. Established patterns in New England to prevent postoperative endophthalmitis after cataract surgery. Poster: American Society of Cataract and Refractive Surgery Symposium on Cataract, IOL and Refractive Surgery, San Diego, CA. April-May, 2007
- 7. Ritsema ME, Saha D, Panchal L, **Greenberg PB**. Accuracy of predicted refractive error in resident-performed cataract surgery. Poster: American Society of Cataract and Refractive Surgery Symposium on Cataract, IOL and Refractive Surgery, San Diego, CA. April-May, 2007
- Khetpal V, Heimmel M, Rao S, Greenberg PB. Improvement of retinal pigment epithelial detachment in age related macular degeneration following intravitreal ranibizumab. Poster: 15th Annual Research Celebration, Rhode Island Hospital, Providence, RI. November 2007
- Gewaily D, Greenberg PB. Intravitreal steroids versus observation for macular edema secondary to central retinal vein occlusion: A plan for a Cochrane systematic review. Poster: 15th Annual Research Celebration, Rhode Island Hospital, Providence, RI. November 2007
- 10. Satyan S, Anderson KL, **Greenberg PB**. Patient safety in cataract surgery. Poster: the American Academy of Ophthalmology Annual Meeting, November 2007

- Rao S, Greenberg PB, Janigian RH, Suneja G, Filippopoulos T. Risk factors for poor visual outcomes in uveitis. Poster: American Society of Retina Specialists Annual Meeting, December 2007
- 12. Filippopoulos T, Rao SK, Butler NJ, Enzer YR, Ducharme JF, and **Greenberg PB**. A patient with idiopathic posterior scleritis mimicking acute angle closure glaucoma. Poster: American Society of Retina Specialists Annual Meeting, December 2007
- 13. Gewaily D, Greenberg PB. Intravitreal steroids versus observation for macular edema secondary to central retinal vein occlusion. In: the *Cochrane Database of Systematic Reviews 2008, Issue 3*.
- 14. Smith TST, Nanji AA, **Greenberg PB**. Anti-vascular endothelial growth factor for macular edema secondary to central retinal vein occlusion. In: *the Cochrane Database of Systematic Reviews 2008, Issue 3*.
- 15. Katsoulakis N, Gewaily D, Filippopoulos T, Rao SK and **Greenberg PB**. Accuracy of predicted refractive error in resident-performed cataract surgery using partial coherence interferometry. Poster: American Society of Cataract and Refractive Surgery Symposium on Cataract, IOL and Refractive Surgery, April 2008
- 16. Niemiec E, Ritsema M, Anderson KL, Greenberg PB and Anderson KL. Assessing the ophthalmology workforce in Rhode Island and predicting future need. Poster: 15th Annual Research Celebration, Rhode Island Hospital, Providence, RI November 2007 and New England Ophthalmological Society Meeting, May 2008.
- 17. Gewaily D, **Greenberg PB** and Anderson KL. The "Great Masquerader": ocular syphilis in 1897. Poster: New England Ophthalmological Society Meeting, May 2008
- 18. Tseng V, Greenberg PB and Anderson KL. Compliance with a preferred practice pattern for diabetic retinopathy in a resident ophthalmology clinic. Poster: New England Ophthalmological Society Meeting, May 2008 and the Annual Meeting of the American Society of Retina Specialists, HI. October 2008
- 19. Niemiec E, Anderson KL, Scott IU and Greenberg PB. Evidence-based management of resident-performed cataract surgery: an investigation of compliance with a preferred practice pattern. Poster: the 16th Annual Research Celebration, Rhode Island Hospital, Providence, RI, November 2008, the New England Ophthalmological Society Meeting, Boston, MA May 2009 and the American Academy of Ophthalmology Annual Meeting, November 2008.
- 20. Gewaily D, Greenberg PB and Anderson KL. Ophthalmology in late 19th century America. Poster: the American Academy of Ophthalmology Annual Meeting, November 2008 and the 16th Annual Research Celebration, Rhode Island Hospital, Providence, RI. November 2008
- Macintyre R, Krzystolik M and Greenberg PB. Conservative management of vitreomacular traction syndrome. Poster: 16th Annual Research Celebration, Rhode Island Hospital, Providence, RI. November 2008
- 22. Khetpal V and Greenberg PB. Ranibizumab treatment for retinal pigment epitheliual detachment associated with exudative age-related macular degeneration. Poster: 16th Annual Research Celebration, Rhode Island Hospital, Providence, RI. November 2008
- 23. Cheung N, Anderson KL and Greenberg PB. Community vision screenings: effectiveness and barriers to further care. Poster: 16th Annual Research Celebration, Rhode Island Hospital, Providence, RI. November 2008

- 24. Wei L, Mello MJ, Linakis J, Hirway P and **Greenberg PB**. Paintball related eye injuries treated in US emergency departments from 2000-2007. Poster: Society for Advancement of Violence and Injury Research (SAVIR) conference, March 2009 and New England Ophthalmological Society Meeting, Boston, MA May 2009
- 25. Wei L, Katsoulakis N, Filippopoulos T and Greenberg PB. Optical biometry with partial coherence interferometry in a cohort of U.S. veterans with visually significant cataract. Poster: 16th Annual Research Celebration, Rhode Island Hospital, Providence, RI November 2008 and the American Society of Cataract and Refractive Surgery Symposium on Cataract, IOL and Refractive Surgery, April 2009.
- 26. Butler N, Perlman E, Enzer Y, Greenberg PB, and Anderson KL. Current practice patterns of anticoagulation management among cataract surgeons in New England. Poster: 16th Annual Research Celebration, Rhode Island Hospital, Providence, RI November 2008 and New England Ophthalmological Society Meeting, Boston, MA May 2009.
- 27. Seidman CJ and Greenberg PB. Aging and the human eye in the medical curriculum: the use of web-based learning and virtual surgery in a pre-clinical elective course in ophthalmology. Poster: 16th Annual Research Celebration, Rhode Island Hospital, Providence, RI November 2008 and New England Ophthalmological Society Meeting, Boston, MA May 2009.
- 28. Rao SK, **Greenberg PB**, Filippopoulos T, Scott IU. Poster: Patterns of uveitis in an urban population. 9th EURETINA Congress in Nice, France. May 2009
- 29. **Greenberg PB**, Tseng V, Wu WC, Intrator O, Friedmann PD. Cardiovascular disease in wet versus dry age-related macular degeneration: a literature review. Poster: Retina Congress 2009, New York, NY. September 2009
- 30. Seidman CJ and **Greenberg PB**. Ophthalmology in the undergraduate medical curriculum: web-based learning and virtual surgery in a pre-clinical elective course on cataracts. Poster: the American Academy of Ophthalmology Annual Meeting, San Francisco, CA. October 2009. *Received a star rating as one of the best posters from the Annual Meeting Program Committee*.
- 31. Chen CK, Tseng VL, Wu WC, **Greenberg PB**. The current role of manual extracapsular cataract extraction in the Veterans Health Administration. Poster: The American Society of Cataract and Refractive Surgeons Symposium on Cataract, IOL and Refractive Surgery, Boston, MA. April 2010
- 32. Tseng VL, Greenberg PB, Wu WC, Liu J, Jiang L, Chen CK, Scott IU, Friedmann PD. Ocular complications associated with cataract surgery in United States veterans. Poster: Association for Research in Vision and Ophthalmology 2010 Annual Meeting, Fort Lauderdale, FL. May 2010
- 33. Chen CK, Tseng VL, Wu WC, **Greenberg PB**. A survey of the management of antithrombotic therapy in cataract surgery patients. XIX Biennial Meeting of the International Society for Eye Research (ISER) Montreal, Canada. July 2010
- 34. Cheung NC, Greenberg PB, Anderson KL and Feller ER. Effectiveness of a medical student-organized community vision screening initiative. Poster: New England Society of General Internal Medicine Regional Meeting, Providence, RI April 2010 and the XIX Biennial Meeting of the International Society for Eye Research (ISER) Montreal, Canada July 2010.

- 35. Tseng VL, **Greenberg PB**, Wu WC, Jiang L, Li E, Kang JM, Scott IU, Friedmann PD. Cataract surgery complications in nonagenarians. Poster: the American Academy of Ophthalmology Annual Meeting, Chicago, IL. October 2010
- 36. Li E, LaPlante KL, Greenberg PB, Tseng VL, Wu WC, Friedmann PD. In vitro coagulation effects of ophthalmic doses of bevacizumab. Poster: Association for Ocular Pharmacology and Therapeutics 11th Annual Scientific Meeting, Ft. Worth, TX. February 2011
- 37. Ahmed Y, Khetpal V, Fay P, Greenberg PB. Retained metallic foreign bodies after phacoemulsification. Poster: New England Ophthalmological Society, Boston, MA. May 2011
- 38. Greenberg PB, Tseng VL, Wu WC, Jiang L, Friedmann P. Validity of administrative databases in characterizing veterans with neovascular age-related macular degeneration. Poster: 29th Annual Meeting of the American Society of Retinal Specialists, Boston, MA. September 2011
- Chen AJ, Scott IU, Greenberg PB. Disclosure of resident involvement in ophthalmic surgery. Poster: 19th Annual Rhode Island Hospital Research Celebration, Providence, RI. October 2011.
- 40. Kim JG, Linakis JG, Mello MJ, Armstrong GW, Greenberg PB. Eye injuries in the elderly presenting to United States emergency room departments: 2001-2007. Poster: 19th Rhode Island Hospital Research Celebration, Providence, RI October 2011 and Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL May 2010.
- 41. Armstrong GW, Kim JG, Linakis JG, Mello MJ, Greenberg PB. Pediatric eye injuries presenting to United States emergency departments: 2000-2007. Poster; 19th Annual Rhode Island Hospital Research Celebration, Providence, RI. October 2011
- 42. Li E, Greenberg PB, Tseng VL, Caffrey, AR, Wu, WC, Friedmann, PD, LaPlante, KL. In vitro coagulation effects of ophthalmic doses of bevacizumab. Poster: 19th Annual Rhode Island Hospital Research Celebration, Providence, RI. October 2011
- 43. Yong JJ, Migliori M, **Greenberg PB**. The design and evaluation of a preclinical ophthalmology elective in the medical curriculum. Poster: 19th Annual Rhode Island Hospital Research Celebration, Providence, RI. October 2011
- 44. Havnaer A, **Greenberg PB**, Oetting T, Garcia-Ferrer F. Cataract Surgery practice patterns in the United States Veterans Health Administration. Poster: American Society of Cataract and Refractive Surgeons Symposium & Congress Chicago, IL. April 2012
- 45. Moreira HR, **Greenberg, PB**. Resident cataract surgery outcomes with toric intraocular lenses. Poster: Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL. May 2012
- 46. Ramaswamy SG, Krzystolik MK, Greenberg PB. Guideline compliant aspirin use in patients with age-related macular degeneration. Poster: 20th Annual Rhode Island Hospital Research Celebration, Providence, RI October 2012 and Presidential Poster Section (abstracts with the highest scores), Annual Scientific Meeting of the American Geriatrics Society, Grapevine, TX May 2013.
- 47. Li E, **Greenberg PB**, Fay P. A virtual cataract surgery course for ophthalmologistsin-training. Poster: 20th Annual Rhode Island Hospital Research Celebration,

Providence, RI October 2012 and Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Seattle, WA May 2013.

- 48. Chen AJ, Chan JJ, Scott IU, **Greenberg PB**. Ophthalmic resident education on preventable surgical errors. Poster: 20th Annual Rhode Island Hospital Research Celebration, Providence, RI. October 2012
- 49. Armstrong GW, Chen AJ, Linakis JG, Mello MJ, **Greenberg PB**. Motor vehicle crash-associated eye injuries presenting to United States emergency departments. Poster: 20th Annual Rhode Island Hospital Research Celebration, Providence, RI October 2012 and Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Seattle, WA May 2013.
- 50. Chuang AT, **Greenberg PB**. Retinal implants: a media perspective. Poster: 20th Annual Rhode Island Hospital Research Celebration, Providence, RI. October 2012 and 141st American Public Health Association (APHA) Annual Meeting, Boston, MA. Nov 2013
- 51. Young B, Margo CE, Greenberg PB. Are the Institute of Medicine trustworthiness guidelines trustworthy? Poster: 2013 American Academy of Family Physicians (AAFP) Scientific Assembly, San Diego, CA. Sept 2013
- 52. Chen AJ, Linakis JG, Mello MJ, **Greenberg PB**. Epidemiology of consumer productrelated eye injuries in the United States. Poster: 141st American Public Health Association (AHPA) Annual Meeting, Boston, MA. Nov 2013
- 53. Chen AJ, Havnaer A, **Greenberg PB**. Training on the prevention of surgical errors in ophthalmology: the resident perspective. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Orlando, FL. May 2014
- 54. Wu C, Wu A, Young BK, Wu D, Greenberg PB. Cataract surgery quality of care: an evaluation of international cataract surgery clinical practice suidelines. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Orlando, FL. May 2014
- 55. Greenberg PB, Chen AC, Wu WC. Sudden visual loss and cardiovascular risk factors in African Americans: the Jackson Heart Study. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Orlando, FL. May 2014
- 56. Ahmed Y, Linakis JG, Mello MJM, **Greenberg PB**. Hospitalized eye injuries from United States emergency departments. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Orlando, FL. May 2014
- 57. Glass C, Krzystolik MK, Greenberg PB. Efficacy of aflibercept in treatmentresistant exudative age-related macular degeneration: a literature review. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Orlando, FL. May 2014
- 58. Wu AM, Wu CM, Young BK, Wu D, **Greenberg PB**. An evaluation of international primary open-angle glaucoma clinical practice guidelines. Poster: the American Academy of Ophthalmology Annual Meeting, Chicago, IL. October 2014. *Received a star rating as one of the best posters from the Annual Meeting Program Committee*
- Li E, Greenberg PB, Krzystolik MG. Value of nurse-delivered intravitreal injections in retina care. Poster: 22nd Annual Rhode Island Hospital Research Celebration, Providence, RI. October 2014.

- 60. Shim HG, **Greenberg PB**, Krzystolik MG. Mobile applications as low vision aids: a systematic review. Poster: 22nd Annual Rhode Island Hospital Research Celebration, Providence, RI. October 2014.
- 61. Jackson DAE, Fay PM, Cockerham GC, Greenberg PB. Intracameral antibiotics for cataract surgery in the United States Veterans Health Administration. Poster: 22nd Annual Rhode Island Hospital Research Celebration, Providence, RI. October 2014
- 62. Chen AC, Havnaer A, **Greenberg PB**. Training on the prevention of surgical errors in ophthalmology: the resident perspective. Poster: Medical Education Scholarship Seminar, Alpert Medical School, Providence, RI. April 2015.
- 63. Fischbach S, Fu E, Liu Y, Mehta N, **Greenberg PB**, McSharry K, Feller ER. The AMS Writing Center: Creation, Structure & Implementation. Poster: Medical Education Scholarship Seminar, Alpert Medical School, Providence, RI. April 2015.
- 64. Wu CM, Wu AM, Young BK, **Greenberg PB.** A medical student research: a peerassisted learning symposium. Poster: Medical Education Scholarship Seminar, Alpert Medical School, Providence, RI. April 2015 and 23rd Annual Rhode Island Hospital Research Celebration, Providence, RI November 2015
- 65. Wu DJ, Greenberg PB. A self-directed preclinical course in cataract surgery. Poster: 22nd Annual Rhode Island Hospital Research Celebration, Providence, RI October 2014 and Medical Education Scholarship Seminar, Alpert Medical School, Providence, RI. April 2015.
- 66. Thakore R, **Greenberg PB**. Initiating anti-VEGF therapy for diabetic macular edema: an evidence-based guide. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO. May 2015
- 67. Li E, **Greenberg PB**, Krzystolik MK. Nurse-administered intravitreal injections: a systematic review. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO. May 2015
- 68. Wu CM, Wu AM, Young BK, Wu D, **Greenberg PB**. An appraisal of clinical practice guidelines for diabetic retinopathy. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO. May 2015.
- 69. Wu AM, Wu CM, Young BK, Wu D, **Greenberg PB**. Critical appraisal of clinical practice guidelines for age-related macular degeneration. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO. May 2015.
- 70. Cheng D, **Greenberg PB**, Borton D. Recent advances in retinal prosthetic research: a systematic review of engineering and clinical characteristics of current prosthetics initiatives. Poster: 23rd Annual Rhode Island Hospital Research Celebration, Providence, RI November 2015.
- 71. Thakore R, Perlman EM, **Greenberg PB**. Placing bundled payments in perspective: a survey of the New England Ophthalmological Society. Poster: 23rd Annual Rhode Island Hospital Research Celebration, Providence, RI November 2015.
- 72. Saade C, Greenberg PB. Acquired vitelliform lesions and age-related macular degeneration: a narrative review. Poster: 23rd Annual Rhode Island Hospital Research Celebration, Providence, RI November 2015 and Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Seattle, WA. May 2016.
- 73. Havnaer A, **Greenberg PB**. Scholarly concentration programs and medical student research productivity: A Systematic Review. Poster: 23rd Annual Rhode Island

Hospital Research Celebration, Providence, RI November 2015 and Northeast Group on Educational Affairs (NEGEA) Annual Retreat, Providence, RI April 2016.

- 74. Yee C, Greenberg PB, Margo CM, French D. Financial disclosures in United States ophthalmology journals and the sunshine act: a concordance study. Poster: 23rd Annual Rhode Island Hospital Research Celebration, Providence, RI November 2015 and the American Academy of Ophthalmology Annual Meeting, Las Vegas, NV. November 2015
- 75. Shim HG, **Greenberg PB**, Krzystolik MK. Mobile applications as low vision aids: a systematic review. Poster: the American Academy of Ophthalmology Annual Meeting, Las Vegas, NV. November 2015.
- 76. Thakore R, Glenn Cockerham, MD, **Greenberg PB**. Emerging cataract surgery practice patterns in the United States Veterans Health Administration. Poster: American Society of Cataract and Refractive Surgeons (ASCRS) Symposium on Cataract, IOL and Refractive Surgery, New Orleans, LA. May 2016
- 77. Yee C, Thakore R, **Greenberg PB**. Peer-led research symposium for medical students. Poster: Northeast Group on Educational Affairs (NEGEA) Annual Retreat, Providence, RI April 2016.
- 78. Li E, Paul AA, **Greenberg PB**. A simulation-based cataract surgery course for ophthalmology residents. Poster: Northeast Group on Educational Affairs (NEGEA) Annual Retreat, Providence, RI April 2016.
- 79. Paul AA, Greenberg PB. Early reflections on a resident simulation-based cataract surgery course. Poster: The Program in Educational Faculty Development of Alpert Medical School Medical Education Scholarship Workshop. April 2017.
- Havnaer A, Greenberg PB, Cockerham GC, Chomsky A, Clark MA. Cataract surgery practices in the United States Veterans Health Administration. Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Baltimore, MD. May 2017.
- 81. Tran E, Scott IU, Clark MA, Greenberg PB. Assessing and promoting the wellness of united states ophthalmology residents: a survey of program directors. Poster: The Program in Educational Faculty Development of Alpert Medical School Medical Education Scholarship Workshop April 2017 and Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Baltimore, MD. May 2017.
- 82. Wu AM, Wu CM, Greenberg PB, Yu F, Lum F, Coleman AL. Variation in the use of bevacizumab and ranibizumab for diabetic macular edema. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Baltimore, MD. May 2017.
- 83. Yu F, Wu AM, Wu CM, Greenberg PB, Lum F, Coleman AL. Poster: Variation in the use of bevacizumab and ranibizumab for branch retinal vein occlusion. Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Baltimore, MD. May 2017.
- 84. Choi A, Papandonatos G, **Greenberg PB**. Braun J. Systematic Review and Meta-Analysis of Occupational Styrene-Induced Dyschromatopsia. Poster: International Society of Exposure Science Annual Meeting in Research Triangle Park, NC. October 2017.
- 85. Kaushik A, Chen AJ, Lee IM, Paul AA, Rivera JJ, **Greenberg PB**. Risk factors for IOP Elevation 1 Day after Cataract Surgery in a Cohort of U.S. Veterans. Poster:

American Academy of Ophthalmology Annual Meeting, New Orleans, LA. Nov 2017.

- 86. Wu A, Wu C, Greenberg PB, Tseng VL, Giaconi JA, Yu F, Coleman AL. Characteristics Associated with Receiving Cataract Surgery in the US Veterans Health Administration. Poster: American Academy of Ophthalmology Annual Meeting, New Orleans, LA. Nov 2017.
- 87. Seol Y, **Greenberg PB**. Impact of Longer Screening Intervals on Cost-Effectiveness of Diabetic Retinopathy Screening. Poster: American Academy of Ophthalmology Annual Meeting, New Orleans, LA. Nov 2017.
- 88. Iyengar S, Crawford D, Halladay CW, Peachey N, Igo R, **Greenberg PB**, Wu WC. Optimizing accurate classification of electronic health records case control status to age-related macular degeneration in the Million Veteran Program. Poster: American Society of Human Genetics (ASHG) Meeting, Orlando, FL. October 2017.
- Li E, Margo CE, Greenberg PB. Cataract Surgery Outcomes in Very Elderly Patients. Poster: American Society of Cataract and Refractive Surgeons (ASCRS) 2018 Annual Meeting on Cataract, IOL and Refractive Surgery, Washington DC. April 2018.
- 90. Tran EM, Chen AJ, Scott IU, Clark MA, Greenberg PB. Preferences and practices of United States ophthalmology residency program directors regarding post-interview communication with residency applicants. Poster: American Medical Association Accelerating Change in Medical Education Spring Consortium Meeting, Providence, RI April 2018.
- 91. Tran EM, Ip J, **Greenberg PB**. Engaging college-level baccalaureate-md students in research. Poster: American Medical Association Accelerating Change in Medical Education Spring Consortium Meeting, Providence, RI April 2018.
- 92. Tang KS, Cheng DL, **Greenberg PB**. A snapshot of augmented reality in medical education. Poster: American Medical Association Accelerating Change in Medical Education Spring Consortium Meeting, Providence, RI April 2018.
- 93. Paul S, Clark MA, Scott IU, **Greenberg PB**. Virtual eye surgery training in ophthalmic graduate medical education. Poster: American Medical Association Accelerating Change in Medical Education Spring Consortium Meeting, Providence, RI April 2018.
- 94. Choi A, Cheng D, **Greenberg PB**. Twelve tips for medical students to conduct a systematic review. Poster: American Medical Association Accelerating Change in Medical Education Spring Consortium Meeting, Providence, RI April 2018.
- 95. Wu AM, Wu CM, **Greenberg PB**, Tseng VL, Giaconi JA, Yu F, Coleman AL. Characteristics associated with receiving cataract surgery in the United States Medicare and Veterans Health Administration populations. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Honolulu, HI. May 2018.
- 96. Choi AR, **Greenberg PB**. A systematic review of educational interventions for cataract surgery patients. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Honolulu, HI. May 2018.
- 97. Paul S, Paul AA, **Greenberg PB**. Virtual eye surgery training in ophthalmic graduate medical education. Poster: American Medical Association Accelerating Change in Medical Education Spring Consortium Meeting, Providence, RI April 2018 and

Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Honolulu, HI. May 2018.

- 98. Saade C, Krzystolik MG, **Greenberg PB**. Reticular drusen and systemic disease in age-related macular degeneration. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Honolulu, HI. May 2018.
- 99. Tran EM, Chen AJ, Scott IU, Clark MA, **Greenberg PB**. Resident wellness in united states ophthalmic graduate medical education: the resident perspective. Poster: the American Medical Association Accelerating Change in Medical Education Spring Consortium Meeting, Providence, RI April 2018 and the Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Honolulu, HI. May 2018.
- 100. Iyengar SK, Halladay CW, Hadi T, Anger MD, Nguyen XM, Igo Jr RP, Greenberg PB, Crawford DC, Sullivan JM, Damrauer SM, Wu WC, Konicki PE, Peachey NS on behalf of the VA Million Veteran Program. Optimizing case-control classification for age-related macular degeneration in the VA electronic health record using a multi-algorithm data cube approach. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Honolulu, HI. May 2018.
- 101. Statler B, Akiki R, **Greenberg PB**, Janigian R. Unilateral birdshot chorioretinopathy in an elderly patient. Poster: American Society of Retina Specialists (ASRS), Vancouver, BC, Canada July 2018.
- 102. Tang KS, Chang D, **Greenberg PB**. Augmented reality in medical education: a systematic review. Poster: Association for Medical Education in Europe, Basel, Switzerland. August 2018.
- 103. Tran E, Tang KS, Chen AJ, Chen M, Rivera D, Rivera J, Greenberg PB. Assessing cataract surgery outcomes with toric intraocular lenses in a teaching hospital. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Vancouver, Canada. May 2019.
- 104. Yu F, Tran E, Greenberg PB, Coleman AL. The association of anemia and glaucoma in the elderly California Medicare population. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Vancouver, Canada. May 2019.
- 105. Milam R, **Greenberg PB**, Chomsky A. Perioperative management of antithrombotic agents for cataract surgery: a survey of cataract surgeons in the United States Veterans Health Administration. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Vancouver, Canada. May 2019.
- 106. Chang D, Kang KS, **Greenberg PB**. An analytical model for assessing the feasibility of integrating augmented reality applications into medical education curricula: a pilot study. Poster: Association for Medical Education in Europe, Vienna, Austria. August 2019.
- 107. Tran E, Greenberg PB. A logic model for a preclinical student research elective. Poster: Program for Health Professions Educators, Harvard Macy Institute, Boston, MA. May 2019.
- 108. Olivieri DJ, Lynch MD, Cockerham GC, Greenberg PB. A survey of glaucoma surgery practice patterns in the US Veterans Health Administration. Poster: New England Ophthalmological Society, Boston, MA. June 2019
- 109. Tran EM, Tran M, Clark MA, Margo CE, Scott IU, Cosenza C, Johnson TP,

Greenberg PB. Poster (virtual): Assessing the Quality of Published Surveys in Ophthalmology. Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 2020.

- 110. Ruiz KC, Sarkar IN, Chen E, **Greenberg PB**. Using the Rhode Island Insurance Claims Database to Predict Retinopathy of Prematurity. Poster (virtual): Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 2020.
- 111. Lin JC, **Greenberg PB**. US News Ophthalmology Hospital Rankings and Research Productivity. Poster (virtual): Association of University Professors in Ophthalmology (AUPO) Educating the Educators meeting, Jan. 2021.
- 112. Olivieri DJ, **Greenberg PB**. Experiential learning during COVID-19: a trainee's guide to developing a virtual presentation. Poster (virtual): Association of University Professors in Ophthalmology (AUPO) Educating the Educators meeting, Jan. 2021.
- 113. Lin JC, Jian L, Greenberg PB. COVID-19 and Search Interest in Ophthalmic Services and Conditions: An Infodemiology Study. Poster (virtual): Texas Public Health Association, Annual Education Conference, May 2021.
- 114. Lin JC, Lokhande A, Chen AC, Scott IU, Greenberg PB. Characteristics of firstyear residents in top ranked United States ophthalmology residency programs: a 10year study. Posters (virtual): Posters (virtual): Program in Faculty Development's Medical Education Scholarship Poster Session May 2021 (Alpert Medical School); and Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 2021.
- 115. Olivieri DJ, Yu ZZ, Tabin G, Thapa R, Greenberg PB. Characterizing transnational ophthalmic surgical partnerships by engagement and training. Poster (virtual): Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 2021.
- 116. Rajaguru P, Eskander J, **Greenberg PB**. Evaluating wellness interventions for resident physicians. Poster (virtual): Annual Scientific Meeting of the Rhode Island Chapter, American College of Physicians, March 2021.
- 117. Song S, Wu Z, **Greenberg PB**. Use of conceptual frameworks in ophthalmic medical education. Poster (virtual): Program in Faculty Development's Medical Education Scholarship Poster Session. Alpert Medical School. May 2021.
- 118. Rajaguru PP, Eskander J, **Greenberg PB**. Assessing wellness interventions for resident physicians: a systematic review. Poster (virtual): Program in Faculty Development's Medical Education Scholarship Poster Session. Alpert Medical School. May 2021.
- 119. Kashner TM, Greenberg PB, Bowman MA, Sanders KM. Do physician residents and fellows contribute to patient care? Poster (virtual): Academy Health 2021 Annual Research Meeting, Interactive Poster Presentation on Health Workforce. June 2021.
- 120. Birnbaum A, Sanders KM, **Greenberg PB**. 75 years of academic affiliations: the origins of the historic partnership between the US Veterans Administration and academic medical centers. Poster: Association of Military Surgeons of the United States (AMSUS) Hybrid Annual Meeting, National Harbor, MD. Feb 2022.
- 121. Lokande A, Lin JC, Margo CE, **Greenberg PB**. Best practices for interviewing in medical education: a systematic review. Poster: Canadian Conference on Medical Education, April 2022. Calgary, CA

- 122. Kang C, Lin JC, Janigian N, Greenberg PB. Publication Outcomes for Retina Abstracts Presented at Global Ophthalmology Conferences. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO. May 2022.
- 123. Lin JC, Lee M, Chauri SY, Scott IU, **Greenberg PB**. Characteristics of large publicly available databases used in big data research in ophthalmology. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO. May 2022.
- 124. Rana V, Kim E, **Greenberg PB**, Bakaeva T, Chen W. Treatment of Pediatric Lyme Meningitis with Neuro-Ophthalmic Complications: A Case Series. Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO. May 2022.
- 125. Lin JC, Song S, **Greenberg PB**. Cross-cultural comparison of an American and a Taiwanese medical school with longstanding institutional ties. Poster: The Association for Medical Education in Europe (AMEE). Hybrid Conference. Lyon, France. Aug 2022.
- 126. Song SL, Yu Z, Pavlech L, Scott IU, Greenberg PB. Using theoretical frameworks in ophthalmic medical education: a systematic review and theory of change model. 2022. Poster: Association for Medical Education in Europe (AMEE) Hybrid Conference. Lyon, France. Aug 2022.
- 127. Kang C, Shin C, Scott IU, Greenberg PB. Virtual Supervision in Ophthalmology: A Scoping Review. Poster: AMS Medical Education Scholarship Poster Session, Providence RI, April 2023; Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting. April 2023.
- 128. Zhong K, Chen E, Eikoff C, Greenberg PB. Using Machine Learning to Predict Hospitalization and Mortality of COVID-19 Patients with Diabetic Retinopathy. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting. April 2023.
- 129. Kim E, Ganga A, Rana VK, Greenberg PB. Basketball-related Eye Injuries Presenting to United States Emergency Departments, 2012-2021. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting. April 2023.
- 130. Kang C, Shin C, Han JY, Jarmale SN, Scott IU, Sanders, KM, Greenberg PB. Virtual supervision in graduate medical education: a systematic review. Virtual poster: 2023 AMA Research Challenge. Virtual. October 2023; virtual poster: Developing Excellence in Medical Education Conference, Manchester, UK December 2023; Poster: AMS Symposium for Medical Education Innovation, Equity, & Well-being, Providence, RI. May 2024.
- 131. Han E, Gillette J, Greenberg PB. Spectrum of isolated retinal artery occlusion secondary to giant cell arteritis: a systematic review. Poster: North American Neuro-Ophthalmology Society 50th Annual Meeting, Honolulu, HI March 2024.
- 132. Kang C, Wang E, Chomsky A, Greenberg PB. Characteristics of Retained Foreign Objects after Routine Cataract Surgery: A Systematic Review. Poster: American Society of Cataract and Refractive Surgeons (ASCRS) 2024 Annual Meeting, Boston, MA April 2024.
- 133. Kang C, Lee M, Chomsky A, Greenberg PB. Risk factors for complications in

resident-performed cataract surgery: a systematic review. Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting. May 2024; Poster: AMS Symposium for Medical Education Innovation, Equity, & Well-being, Providence, RI. May 2024.

- 134. Waldman O, Gillette J, Lin J, Qureshi R, Greenberg PB. Quantifying research impact in ophthalmology - a scoping review. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting. May 2024; Poster: AMS Symposium for Medical Education Innovation, Equity, & Well-being, Providence, RI. May 2024.
- 135. Zaidat K, Gillette J, Waldman O, Greenberg PB. The epidemiology of motor vehicle accident-related eye injuries presenting to United States emergency departments, 2000-2020. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting. May 2024.
- 136. Gillette J, Waldman O, Zaidat K, **Greenberg PB.** The epidemiology of nonpowder firearm-related eye trauma in the United States, 2013-2022. Poster: Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting. May 2024.
- 137. Kang C, Zhu A, Waldman O, Kashner M, **Greenberg PB**. Cataract surgery risk stratification systems: a systematic review. Poster: American Academy of Ophthalmology (AAO) annual meeting, Chicago, IL. October 2025.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

PEER-REVIEWED

- 1. Choroidal Neovascularization, **Paul B Greenberg**, **MD** and Adam Martidis, MD. *Ophthalmic Hyperguide*. 2002.
- 2. Retinal Arterial Macroaneurysm **Paul B Greenberg**, **MD** and Adam Martidis, MD. *Ophthalmic Hyperguide*. 2002.
- 3. Branch Retinal Vein Occlusion. **Paul B Greenberg, MD** and Adam Martidis, MD. *Ophthalmic Hyperguide*. 2002.
- 4. Central Retinal Vein Occlusion. **Paul B Greenberg, MD** and Adam Martidis, MD. *Ophthalmic Hyperguide*. 2002.
- 5. Retinal Artery Obstruction. **Paul B Greenberg, MD** and Adam Martidis, MD. *Ophthalmic Hyperguide*. 2002.
- 6. Ocular Ischemic Syndrome. **Paul B Greenberg, MD** and Adam Martidis, MD. *Ophthalmic Hyperguide*. 2002.
- 7. Cystoid Macular Edema. **Paul B Greenberg, MD** and Carmen A Puliafito, MD. *Ophthalmic Hyperguide*. 2002.

OTHER

 Chen AC, Yong J, Greenberg PB, et al., "Adventures in ophthalmology and virtual surgery" (2009). *The Warren Alpert Medical School of Brown University Scholarly Concentrations Program Gallery of Scholarly Work*. Brown Digital Repository. Brown University Library. https://repository.library.brown.edu/studio/item/bdr:659528/

- Seidman CJ and Greenberg PB. "Aging and the human eye in the medical curriculum: the use of web-based learning and virtual surgery in a pre-clinical elective course in ophthalmology" (2011). *The Warren Alpert Medical School of Brown University Scholarly Concentrations Program Gallery of Scholarly Work*. Brown Digital Repository. Brown University Library. https://repository.library.brown.edu/studio/item/bdr:659496/
- Li E, Fay P, and Greenberg PB. "The Virtual Cataract Surgery Course Manual for Ophthalmology Residents 2013 Edition" (2013). Research at Brown, Broader Impacts and STEM Open Educational Resources, Research at Brown. Brown Digital Repository. Brown University Library. <u>https://doi.org/10.7301/Z0CC0XW3</u>
- Li E, Paul AA, and Greenberg PB. "The Virtual Cataract Surgery Course Manual for Ophthalmology Residents 2016 Edition" (2015). *Research at Brown, Broader Impacts and STEM Open Educational Resources, Research at Brown*. Brown Digital Repository. Brown University Library. <u>https://doi.org/10.7301/Z08913SK</u>
- Paul SK, Paul AA, and Greenberg PB. "The Virtual Cataract Surgery Course Manual for Ophthalmology Residents 2017 Edition" (2017). *Research at Brown, Broader Impacts and STEM Open Educational Resources*. Brown Digital Repository. Brown University Library. <u>https://doi.org/10.7301/Z07D2SB4</u>
- Lin JC, Paul AA, Greenberg PB. "The Virtual Cataract Surgery Course Manual for Ophthalmology Residents 2020-2021 Edition". https://repository.library.brown.edu/studio/item/bdr:1120755/
- Greenberg PB. "Consider a systematic review to expand your research portfolio". Harvard Macy Institute Community Blog: <u>https://harvardmacy.org/blog/systematic-review</u>. October 4, 2022

INVITED PRESENTATIONS

Regional

- 1. **Greenberg PB**. Prevalence of positive syphilis serology in ocular surgery patients: a retrospective study. Pacific Coast Oto-Ophthalmological Society Meeting Seattle, WA 1996 and Southern Medical Association Conference, Baltimore, MD 1996
- 2. **Greenberg PB**. Facial palsy and bilateral anterior uveitis secondary to sarcoidosis: a case report. Southern Medical Association Conference, Charlotte, NC 1997
- 3. **Greenberg PB**. Subtle visual loss in a young adult: intermediate uveitis, Southern Medical Association Conference. New Orleans, LA 1998
- Greenberg PB. Choroidal neovascularization after presumed central serous chorioretinopathy. Southern Medical Association Conference. New Orleans, LA 1998
- 5. **Greenberg PB**. The medical management of uveitic macular edema. New England Ophthalmological Society Meeting, Boston, MA. 2008.
- 6. Wu AM, Wu CM, **Greenberg PB**. Pearls and pitfalls of medical student research: a peer-assisted learning symposium. Alpert Medical School, Providence, RI. October 2014.
- 7. Wu D, **Greenberg PB**. A self-directed preclinical course in ophthalmic surgery. Central Group on Educational Affairs (CGEA), Group on Student Affairs (CGSA),

and the Organization of Student Representatives (COSR) Joint Regional Meeting, American Association of Medical Colleges (AAMC), Columbus, OH. April 2015.

- 8. **Greenberg PB**. Mentoring the medical student researcher. Core Series: Mentoring and Advising, the Program in Educational Faculty Development. Alpert Medical School, Providence, RI March 2018.
- 9. Greenberg PB. Advising students in ophthalmology. Specialty Advisors Information Session. The Program in Educational Faculty Development. Alpert Medical School, Providence, RI May 2019.
- 10. Olivieri DJ, **Greenberg PB**, Levine A. Tips for conducting global health research at Apert Medical School (virtual), Providence, RI. February 2021.
- 11. Krzystolik MG, Li T, **Greenberg PB**, Lin JC. Evidently Cochrane. Grand Rounds (virtual), Division of Ophthalmology, Alpert Medical School, Providence RI. May 2021.

National

- 1. **Greenberg PB**. Diabetic retinopathy screening at MacDill Air Force Base. Diabetic Retinopathy Photographic Eye Evaluation Program Conference, Brooks AFB, San Antonio, TX 2000
- 2. **Greenberg PB**. Panelist, Section on Retinal Vascular Disease, 40th Anniversary Scientific Meeting, Bascom Palmer Eye Institute, Miami, FL 2002
- Greenberg PB, Liu J, Wu WC, Jiang L, Tseng VL, Scott IU, Friedmann PD. Predictors of mortality within 90 days of cataract surgery. *Editors' Choice Symposium*, the American Academy of Ophthalmology Annual Meeting, Chicago, IL October 2010.
- 4. **Greenberg PB**, Tseng, VL, Liu J, Wu WC, Jiang L, Scott IU, Friedmann PD. Prevalence and predictors of ocular complications associated with cataract surgery in United States Veterans. *Editors' Choice Symposium*, the American Academy of Ophthalmology Annual Meeting, Orlando, FL. October 2011.
- 5. Wu A, Wu C, Young B, **Greenberg PB**. Trustworthiness of best practice guidelines for management of primary open-angle glaucoma. The American Society of Cataract and Refractive Surgery (ASCRS) Symposium on Cataract, IOL and Refractive Surgery, Boston, MA. April 2014.
- 6. Young B, Wu A, Wu C, **Greenberg PB**. Trustworthiness of best practice guidelines for management of patients with cataracts. The American Society of Cataract and Refractive Surgery (ASCRS) Symposium on Cataract, IOL and Refractive Surgery, Boston, MA. April 2014.
- 7. Wu A, Wu C, Young BK, Wu D, **Greenberg PB**. Reviewing the reviewers: an appraisal of the United States Veterans Health Administration report on femtosecond laser-assisted cataract surgery. The American Society of Cataract and Refractive Surgery (ASCRS) Symposium & Congress, San Diego, CA. April 2015
- 8. Chen AC, Wu WC, **Greenberg PB**. Sudden visual loss and mortality: the Jackson Heart Study. Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO. May 2015
- 9. Paul AA, Palmisano P, **Greenberg PB**. Course: Proficiency-based virtual reality cataract surgery course for residents. American Society of Cataract and Refractive

Surgeons 2018 Annual Meeting on Cataract, IOL and Refractive Surgery, Washington DC. April 2018.

- 10. Paul AA, Palmisano P, **Greenberg PB**. Course: Proficiency-based virtual reality cataract surgery course for residents. American Academy of Ophthalmology Annual Meeting, Chicago, IL. October 2018.
- 11. Tang K, Tran E, MD, Chen AJ, MD, Chen M, Rivera D, Rivera J, Greenberg PB. The accuracy of biometric formulae for intraocular lens power calculation in a teaching hospital. The American Society of Cataract and Refractive Surgery (ASCRS) Symposium & Congress, San Diego, CA. May 2019.
- 12. Oliveiri D, Lynch MG, Cockerham GC, **Greenberg PB**. A survey of glaucoma surgery practice patterns in the US Veterans Health Administration. The American Society of Cataract and Refractive Surgery (ASCRS) Symposium & Congress, Boston, MA (Virtual). May 2020.
- 13. Tran E, Eskander J, Tran M, **Greenberg PB**. The prevalence of preoperative medical testing and consultation in cataract surgery patients at a teaching hospital. The American Society of Cataract and Refractive Surgery (ASCRS) Symposium & Congress (Virtual). May 2020.
- 14. **Greenberg PB.** Update on Cerner electronic health record modernization process. Strategic Academic Advisory Council meeting, Office of Academic Affiliations, Veterans Health Administration (VHA) [virtual]. December 2020.
- 15. **Greenberg PB**. Update on educational labor mapping workgroup. Strategic Academic Advisory Council meeting, Office of Academic Affiliations, Veterans Health Administration (VHA) [virtual]. February 2021.
- 16. **Greenberg PB.** Public Law 116-315 (Bill: HR 7105 "Megabus"), Section 3010 Update. Strategic Academic Advisory Council meeting, Office of Academic Affiliations, Veterans Health Administration (VHA) [virtual]. February 2021.
- 17. **Greenberg PB**. Office of Academic Affiliations. Graduate Healthcare Administration Training Program (GHATP), Veterans Health Administration (Virtual). February 2021.
- 18. **Greenberg PB**. GAO Report on Electronic Health Records (Feb 20201): Key Findings. National Academic Affiliations Council (NAAC) meeting (virtual), US Department of Veterans Affairs. March 2021.
- 19. Harada N, Stephan S, Greenberg PB. Geo-mapping demonstration to showcase opportunities to expand academic affiliations with minority serving institutions (virtual). Strategic Academic Advisory Council meeting, Office of Academic Affiliations, Veterans Health Administration (VHA) April 2021; Office of Discovery, Education and Affiliate Networks (DEAN), VHA April 2021.
- 20. Harada N, Stephan S, Greenberg PB, Sanders KM, Bowman MA. The use of data visualization technology to identify new opportunities for academic affiliations with minority serving institutions for health professions training in the Veterans Health Administration. 2021 Association of American Medical Colleges (AAMC) Group on Diversity and Inclusion Health Workforce Joint Conference (virtual). May 2021.
- 21. Albanese A, Stephan S, Callahan D, Eason M, Greenberg PB, Sanders KM, Bowman MA. Recruiting veteran students to Teague-Cranston and Historically or Predominantly Black College and University medical schools: results from the Veterans Health Veterans Medical Access and Scholarship Program. 2021

Association of American Medical Colleges (AAMC) Group on Diversity and Inclusion Health Workforce Joint Conference (virtual). May 2021.

- 22. Bailey JNC, Kinzy TG, Nealon CL, Halladay CW, Simpson P, Canania RL, Scott AA, Roncone DP, Sawicki Rogers LR, Leber JN, Dougherty JM, Greenberg PB, Crawford DC, Iyengar SK, Sullivan JM,Wu WC, Peachey NS, the Million Veteran Program. POAG genetic risk score highlights need for expanded genetic studies in diverse populations. Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting (Virtual). May 2021.
- 23. **Greenberg PB**. Graduate medical education (GME) and GME expansion. Four Corners: Hiring Authorities. Congressional staff meeting (virtual) with Human Capital Management, Office of Academic Affiliations and Office of Congressional and Legislative Affairs, US Dept. of Veterans Affairs. May 2021.
- 24. **Greenberg PB**. Opening remarks. Medical Sharing Office Virtual Symposium: Partnership Building. Veterans Health Administration, US Dept. of Veterans Affairs. May 2021.
- 25. Martin P Eason, **Greenberg PB**. Resident Disbursement Changes. National Chiefs of Staff Call, Veterans Health Administration, US Dept. of Veterans Affairs. May 2021.
- 26. Martin P Eason, Greenberg PB. Resident Disbursement Changes. National Chief Medical Officers/Chief Nursing Officers Call, Veterans Health Administration, US Dept. of Veterans Affairs. June 2021.
- 27. Martin P Eason, John Byrne, **Greenberg PB.** AAMC Hosts: VA Partnerships with Academic Medicine (Webinar). June 2021.
- Greenberg PB. Opening remarks. 2021 Minority Summit: The Power of Collaborating with VA. Veterans Health Administration, U.S. Dept. of Veterans Affairs. June 2021.
- 29. Greenberg PB. Update from Office of Academic Affiliations. Senior Leaders Business Meeting, Veterans Health Administration, U.S. Dept. of Veterans Affairs. July 2021.
- 30. **Greenberg PB**, Patel-Teague S. Academic Affairs Team: Championing Health Professions Trainees in the EHR. Office of the Chief Medical Officer, Veterans Health Administration, U.S. Dept. of Veterans Affairs. July 2021.
- 31. **Greenberg PB**, Sanders KM. Graduate Medical Education at VA. Congressional staff meeting (Rep. Neal Dunn) with Office of Academic Affiliations and Office of Congressional and Legislative Affairs, US Dept. of Veterans Affairs. Aug. 2021
- 32. Lin JC, French DD, Margo CE, **Greenberg PB**. Epidemiology of postoperative visual loss for non-ocular surgery in a cohort of inpatients. (Virtual) American Academy of Ophthalmology Meeting, November 12-15, 2021, New Orleans, LA.
- 33. Lin JC, Kang C, Amiri L, Clark MA, **Greenberg PB**. Perceptions of research among college-level baccalaureate-MD students. (Virtual) AAMC Group on Baccalaureate-MD Programs. December 2021.
- 34. Kashner MT, Bowman M, Greenberg PB. Workload and Education Outcomes of VA Physician Residents. Association of Military Surgeons of the United States (AMSUS) Hybrid Annual Meeting, National Harbor, MD. Feb 2022.
- 35. Harada N, Patel E, Sanders KM, **Greenberg PB**. A Geospatial Mapping Intervention to Promote Diversity of Health Professions Trainees in the Veterans Health

Administration. (Virtual) Association of Military Surgeons of the United States (AMSUS) Hybrid Annual Meeting, National Harbor, MD. Feb 2022.

- 36. Kashner MT, Bowman M, Greenberg PB. The Department of Veterans Affairs and Academic Programs in Graduate Medical Education: Partnerships Worth Keeping. Poster (Virtual): 2022 Accreditation Council on Graduate Medical Education (ACGME) Annual Education Conference. March 2022.
- 37. Lin JC, Ghauri SY, French DD, Scott IU, Greenberg PB. Price Transparency and Variation for Cataract Surgery and Laser Posterior Capsulotomy at United States Academic Hospitals. Society of Cataract and Refractive Surgery (ASCRS) Symposium & Congress, Washington DC. April 2022.
- 38. Lin JC, Ghauri SY, French DD, Scott IU, Greenberg PB. Predictors of Price Transparency for Cataract Surgery and Laser Posterior Capsulotomy at United States Academic Hospitals. Society of Cataract and Refractive Surgery (ASCRS) Symposium & Congress, Washington DC. April 2022.
- 39. Bowman M, Greenberg PB, Byrne JM, Velamuri K. MISSION Act Section 403: Pilot Program on Graduate Medical Education (GME) and Residency (PPGMER). VA Office of Academic Affiliations and Office of Governmental Tribal Relations. Tribal Listening Session (virtual). April 2022.
- 40. Bowman M, Greenberg PB, Byrne JM, Velamuri K. MISSION Act Section 403: Pilot Program on Graduate Medical Education (GME) and Residency (PPGMER). Tribal Consultation Session. VA Office of Academic Affiliations and Office of Governmental Tribal Relations. Tribal Consultation Session (virtual). May 2022.
- 41. Waksmunski AR, Kinzy TG, Cruz LA, Nealon CL, Halladay C, Simpson P, Canania RL, Anthony SA, Roncone DR, Rogers LS, Leber J, Dougherty J, Greenberg PB, Sullivan JM, Wu WC, Iyengar SK, Crawford DC, Peachey NS, Cooke Bailey JN for the VA Million Veteran Program. Cross-Ancestry Glaucoma Genetic Risk Score in Hispanic Veterans in the Million Veteran Program. Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting. May 2022.
- 42. Greenberg PB. Health Professions Education Office Staffing Optimization. National Chief Medical Officer/Chief Nursing Officer Call; National Deputy Network Director Call; National Network Director Call. August 2022
- 43. Waksmunski AR, Kinzy TG, Cruz LA, Nealon CL, Halladay CW, Greenberg PB, Wu W, Iyengar SK, Crawford DC, Peachey NS, Cooke Bailey JN, Group Author: VA Million Veteran Program. From Genome to Phenome: Novel Cross-Ancestry Evaluation of Glaucoma Genetic Risk in the Million Veteran Program. Association for Research in Vision and Ophthalmology Conference (ARVO); 2023 April; New Orleans, LA.
- 44. Lin JC, Hu DJ, Scott IU, **Greenberg PB**. Gender Representation Among Medical Education Journal Editorial and Professional Society Boards. Learn Serve Lead 2023: The AAMC Annual Meeting. November 2023; Seattle, WA.
- 45. Panelist, Health Professions Education Scholarship, National DEO Annual Conference, DEO 23: Discover, Empower, Optimize, Health Professions Education Evaluation and Research (HPEER), VA Office of Academic Affiliations; August 2023; Chicago, IL.

International

- 1. Havnaer A, **Greenberg PB.** Student research opportunities and medical school rankings: a descriptive study. 2016 Canadian Conference on Medical Education, Montreal, Canada. April 2016.
- 2. Lokhande A, Lin JC, Scott IU, **Greenberg PB**. Gender and research productivity of vitreoretinal fellowship program directors. Virtual presentation. Retina World Congress, Fort Lauderdale, FL. April 2022.
- 3. Yu Z, Song S, Scott IU, **Greenberg PB**. Predictors of matching into a United States ophthalmology residency program: a systematic review and development of a logic model. The Association for Medical Education in Europe (AMEE). Hybrid Conference. Lyon, France. Aug 2022.

GRANTS

- 1. A Phase III Randomized, Multi-Center, Double-Masked, Placebo-Controlled Parallel Group Study of Tin Ethyl Etiopurpurin (SnET2) Photodynamic Therapy in the Treatment of Subfoveal Choroidal Neovascularization Associated with Age Related Macular Degeneration. Sponsor: Miravant/Pharmacia & Upjohn/ClinTrials Research Inc. Role: Site Subinvestigator (Sub-I) at New England Eye Center, Tufts University School of Medicine. 2000-2001.
- Early Treatment for Retinopathy of Prematurity Study (ETROP). Sponsor: NIH. Role: Site Sub-I at New England Eye Center, Tufts University School of Medicine. 2000-2001.
- 3. Randomized, Double-Masked, Active Treatment-Controlled Study of the Efficacy and Safety of rhuFAb V2 Compared with Verteporfin in Subjects with Predominantly Classic Subfoveal Neovascular Age-Related Macular Degeneration. Sponsor: Genentech. Role: Site Sub-I at Retina Consultants, Inc., Providence, RI. 2003-2006
- 4. *A Pilot Study of Laser Photocoagulation for Diabetic Macular Edema* Diabetic Retinopathy Clinical Research Network. Sponsor: NIH. Role: Site Subinvestigator at Retina Consultants, Inc. 2004-2006.
- A Pilot Study of Peribulbar Triamcinolone Acetonide for Diabetic Macular Edema. Diabetic Retinopathy Clinical Research Network. Sponsor: NIH. Role: Site Sub-I Retina Consultants, Inc. 2004-2006
- 6. Reproducibility of Macular Thickness and Volume Using Zeiss Optical Coherence Tomography in Patients with Diabetic Macular Edema Diabetic Retinopathy Research Network. Sponsor: NIH. Role: Site Sub-I and Writing Committee Member at Retina Consultants, Inc. 2004-2006.
- A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 3 Clinical Trial to assess the LongTerm (48 weeks) Safety of Ciclesonide, Applied as a Nasal Spray (200ug, once daily) in the Treatment of Perennial Allergic Rhinitis (PAR) in Patients 12 Years and Older. Sponsor: ALTANA Pharma US Role: Site Sub-I at Retina Consultants, Inc. 2004-2005
- 8. The Standard Care vs. Corticosteroid for Retinal Vein Occlusion (SCORE) Study A Randomized Trial to Compare the Efficacy and Safety of Intravitreal Injection(s) of Triamcinolone Acetonide with Standard Care to Treat Macular Edema Associated

with Central Vein Occlusion and Branch Retinal Vein Occlusion. Sponsor: NIH. Role: Site PI at Retina Consultants, Inc. 2004-2007

- 46. A Phase II, randomized, double-masked, controlled dose comparison study of Cand5 for intravitreal injection for the treatment of subfoveal choroidal neovascularization associated with wet age-related macular degeneration (Protocol ACU201 C.A.R.E. Study). Sponsor: Acuity Pharmaceuticals Role: Site PI at Retina Consultants, Inc. 2005
- 47. VERITAS: A 24-month randomized, double-masked, sham controlled,multicenter, Phase IIIB study comparing photodynamic therapy with verteporfin (Visudyne) plus two different dose regimens of intravetrial triamcinolone acetonide (1mg and 4mg) versus Visudyne plus intravitreal pegaptanib (Macugen) in patients with subfoveal choroidal neovascularization secondary to age-related macular degeneration. Sponsor: Novartis. Role: Site Sub-I at Retina Consultants, Inc. 2005-2006.
- 48. Ranibizumab Supplementing Panretinal Photocoagulation as Treatment for Iris/Angle Neovascularization in Retinal Ischemic Disease. Sponsor: Genentech. Role: Sub-I at Southern New England Retina Associates, Providence, RI. 2007-2010.
- Arterial Thromboembolic Complications in Veterans receiving Ranibizumab for Neovascular Age-Related Macular Degeneration. American Retina Foundation. PI: PB Greenberg. 3/15/10-9/1/10.
- 50. Creating a Personalized Health Plan for Diabetic Retinopathy: A Multidisciplinary Approach. Office of Patient-Centered Care and Cultural Transformation, US Veterans Health Administration. Co-Awardees: PB Greenberg and NG Catalan. 9/1/13-8/31/14.
- Process Quality and Outcomes in Cataract Surgery. US Veterans Health Administration Health Services Research and Development VISN 1 Career Development Award. PI: PB Greenberg. 4/1/13-3/31/15.
- 52. *Scholarship Award*, Program in Educational Faculty Development, Alpert Medical School, Providence, RI April 2018.
- 53. Educational Training Award for Harvard Macy Program for Educators in Health Professions, Program in Educational Faculty Development, Alpert Medical School, Providence, RI Sept 2018.

HOSPITAL TEACHING ROLES

- 1. Chief of Ophthalmology and Site Director, PVAMC, Brown/Rhode Island Hospital Ophthalmology Residency Program, Providence, RI 2005-
- Co-Program Coordinator, Annual Brown Ophthalmology Resident Research Forum. 2006-
- Founding Preceptor and Site Director, PVAMC Elective in Ophthalmology, Brown Internal Medicine Residency Program, Pawtucket Memorial Hospital, Pawtucket, RI 2009-2017
- 4. Associate Program Director, Division of Ophthalmology, Alpert Medical School of Brown University, Providence, RI 2005-2015
- 5. Founding Director, Medical Student Research Conference in Ophthalmology, 2015
- 6. Conferences:
 - Co-Director, Evidence-Based Ophthalmology Learning Association

Bimonthly evidence-based CME conference on retinal disease Retina Consultants, Inc. Providence, RI 2003-2005

- Co-Director, Biweekly Fluorescein Angiography Case Conference, PVAMC 2005-2014
- Co-Director, Monthly Retina Case Conference, PVAMC 2008-2018
- Founder & Co-Director, Weekly Preoperative Surgical Case Conference, PVAMC 2009-2020
- Director, Monthly Resident Research Conference, PVAMC 2006-2016
 Co-Director, 2016-
- Founder & Co-Director, Triannual Resident Surgical Outcomes Conference, PVMAC & RIH, 2011-2019
- 7. Lectures at Rhode Island Hospital and PVAMC 2003-2020
 - Retinal Disease
 - Ocular Imaging
 - Clinical Optics
- 8. Mentored Resident Research:
 - Gaurav Gupta, MD 2005-2007
 - Molly Ritsema, MD 2005-2007
 - Sunil Rao, MD 2006-2008
 - Nicholas Katsoulakis, MD 2006-2008
 - Vijay Khetpal, MD 2008-2010
 - Orest Krajnyk, MD 2009-2010
 - Helen Moreira, MD 2011-2012
 - Amanda Salter, MD 2012-2014
 - Charles Glass, MD 2013-2014
 - Anne Morganti, MD 2013-2014
 - Celine Saade, MD 2015-17
 - Brittney Statler, MD 2018
 - Jason Chow, MD 2019
 - David Booy, MD 2019
 - Viren Rana, DO 2021-2022
 - Sophia Song, MD 2024-
- 9. Medical Student Teaching/Mentoring:

Ophthalmology Clerkship Director

- Ophthalmology 407
 PVAMC 2010-2020
- PVAMC 2010-2020
- Ophthalmology 407

Rhode Island Hospital 2008-2015

Mentored Medical Student Research Grants

- Elizabeth Niemiec: Brown Summer Research Assistantship 2007
- Victoria Tseng: Brown Summer Research Assistantship 2007 (Co-Mentor)
- Natalie Cheung: Petersen Educational Enhancement Grant 2007
- Natalie Cheung: Glaucoma Foundation Grant 2007
- Carly Seidman: Brown Summer Assistantship 2008

- Victoria Tseng: Brown Summer Assistantship 2009
- Emily Li and Jessica Kang: Brown Team Undergraduate Teaching and Research Award (UTRA) Summer 2010
- Julia Kim: Brown Summer Assistantship 2011
- Jennifer Yong: Brown Summer Assistantship 2011
- Allison Chen and Annika Havnaer: Brown Team UTRA, Spring Semester 2012
- Alice Chuang: Brown Summer Assistantship 2012
- Emily Li: Brown Summer Assistantship 2012 (Co-Mentor)
- Shankar Ramaswamy: Brown Summer Assistantship 2012 (Co-Mentor)
- Benjamin K Young: Brown Summer Assistantship 2013
- Allison Chen, Brown Basic and Translational Research (BTR) Program 2014
- Connie Wu, Brown Summer Assistantship 2014
- Hong Gi Shim, Brown Summer Assistantship 2014 (Co-Mentor)
- Rachel Thakore, Brown Summer Assistantship 2015
- Annika Havnaer, Brown Summer Assistantship 2016
- Elaine Tran (PLME), Brown UTRA, Fall Semester 2016
- Elaine Tran (PLME), Research at Brown (RAB) Award, Fall Semester 2016
- Ariel Choi, Brown Summer Assistantship 2017
- Elaine Tran (PLME), Brown UTRA Fall Semester 2017
- Elaine Tran (PLME), RAB Award, Fall Semester 2017
- Kevin Tang, Brown Summer Assistantship 2018
- Jessica Eskander, Brown UTRA Summer 2019
- Elaine Tran, Brown Summer Assistantship, 2019
- Kiara Corcoran Ruiz, Brown Summer Assistantship, 2019 (Co-mentor)
- Megan Tran (PLME), Brown UTRA, Spring 2020
- Elaine Tran, National Eye Institute Travel Grant, 2020
- John Lin (PLME), Brown Summer Research Assistantship 2020 (Comentor)
- John Lin (PLME), RAB Award 2020
- John Lin (PLME), Brown UTRA Spring 2021
- John Lin (PLME), RAB Award Spring 2021
- John Lin (PLME), Brown Summer Research Assistantship 2021
- John Lin (PLME), RAB Award 2021
- Chaerim Kang (PLME), Brown Summer Research Assistantship 2022
- John Lin (PLME), RAB Award Spring 2022
- Katherine Zhong, Brown Basic & Translational Research Program (BTR) award, Summer 2022 (Co-mentor)
- John Lin (PLME), Brown UTRA/SPRINT, Summer, 2022 (declined)
- Chaerim Chang (PLME), RAB Award, Spring 2022, Spring 2023
- Estelle Han (PLME), Brown Summer Assistantship, Summer 2023

Additional Mentored Medical Student Research

- Dena Gewaily 2007-2008
- Leslie Wei 2007-2008
- Jeffrey Liu 2007-2008
- Christine Chen 2009
- Thomas Kim 2010
- Yasir Ahmed 2010-2012
- Emily Li, 2010-2011
- Annika Havnaer 2011-2013
- Allison Chen 2011-2017
- Grayson Armstrong 2011-2013
- Benjamin Young 2012-2015
- Dominic Wu 2013-2015
- Deidrya Jackson 2013-15
- Claudine Yee 2014-2015
- Rachel Thakore 2014-2015
- Annie Wu 2013-2017
- Connie Wu 2013-2017
- Annika Havnaer 2014-2016
- Derrick Cheng 2015-2016
- Annam Kaushik 2016-2017
- Elaine Tran 2016-2021
- Samantha Paul 2017-2018
- Ronald Akiki 2017-2018
- Kevin Tang 2017-2020
- Kiara Corcoran Ruiz 2018-2020
- Jessica Eskander (College) 2018-20
- Megan Tran (College PLME) 2018-2021
- Praveen Rajaguru 2019–2021
- Daniel Olivieri 2018-2021
- Nicholas G Janigian (Temple U) 2021
- John Lin (College PLME) Fall 2019 –2023
- John Lin, (UPenn), 2023-
- Sophia Song 2020-2023
- Zane Yu 2020-2022
- Anagha Lokhande 2020-2022
- Chaerim Kang (College and AMS PLME) 2021-
- Sophia Y Ghauri (College PLME) 2021-
- Helen Zhang (College PLME), 2022-2023
- Katherine Zhong, 2022-2023
- Eric Kim, 2022-2023
- Chris Shin (College), 2022-2023
- Angela Zhu, 2022-
- Mathew Lee (College and AMS PLME), 2022-
- Daniel Hu, 2022-

- Spandana Jarmale, 2023
- Estelle Han (PLME), 2023-2024
- Julia Gillette, 2023-

• Olivia Waldman, (SUNY Buffalo and Brown MPH student), 2023-

Faculty Preceptor

Medical Student Groups

- Unite for Site Chapter (2008-2009) and the Brown Vision Initiative Undergraduate and medical student program for ophthalmic care at the Rhode Island Free Clinic, Providence RI 2008-2017
- Ophthalmology Student Interest Group The Alpert Medical School of Brown University 2008-2011

Scholarly Concentrations

- Carly Seidman (Aging) 2008
- Victoria Tseng (Aging) 2009
- Julia Kim (Aging) 2011
- Jennifer Yong (Medical Education) 2011
- Alice Chuang (Medical Education) 2012
- Emily Li (Medical Education) 2012 [Co-Preceptor]
- Alice Chaung (Medical Education) 2012
- Connie Wu (Aging) 2014
- Allison Chen (Aging) 2014
- Rachel Thakore (Aging) 2015
- Annika Havnaer (Aging) 2016
- Kevin Tang (Aging) 2018
- Elaine Tran (Aging), 2019

Elective Courses

- Jeffrey Liu: Longitudinal Elective in Ophthalmology 2008
- Carly Seidman: Preclinical Elective in Ophthalmology 2008-9
- Elizabeth Niemiec: Independent Study in Ophthalmology 2009
- Yasir Ahmed: Independent Study in Ophthalmology 2011
- Jennifer Yong: Preclinical Elective in Ophthalmology 2011-
- Grayson Armstrong: Independent Study in Ophthalmology 2012, 2013
- Jennifer Yong: Independent Study in Ophthalmology 2013, 2014
- Alexis Mancini: Independent Study in Ophthalmology 2013
- Alanna Tisdale: Independent Study in Ophthalmology 2014
- Deidrya Jackson: Independent Study in Ophthalmology 2014
- Benjamin Young: Independent Study in Ophthalmology 2015
- Connie Wu: Independent Study in Ophthalmology 2016
- Annie Wu: Independent Study in Ophthalmology 2016
- Jara Crear: Independent Study in Ophthalmology 2016

Community Health Clerkship Projects

- Dena Gewaily 2008
- Leslie Wei 2008
- Elizabeth Niemiec 2009

- Carly Seidman 2010
- Thomas Kim 2010
- Victoria Tseng 2012
- Yasir Ahmed 2012
- Jennifer Young 2014
- Alexis Mancini 2014

College: Research

- Emily Li (PLME) 2010-2011 (BIOL 1950-1960)
- Allison Chen (PLME) 2011-12 (BIOL 1950-1960)
- Jessica Eskander Spring 2019 (Biol 1960)
- Jessica Eskander Fall 2019 (Biol 1950)
 - o Mentor, Honors Project, Biological Sciences, 2019-2020
- John Lin (PLME) Fall 2021 (Biol 1950)
- John Lin (PLME) Spring 2022 (Biol 1960)
- Chaerim Kang (PLME) Spring 2022 (Biol 1960)
- Mathew Lee (PLME) Spring 2022 (Biol 1960)
- John Lin 2022-2023
 - Mentor, Honors Thesis Health Systems and Policy
- John Lin Spring 2023 (Biol 1960)
- Chaerim Kang (PLME) Fall 2023 (BIOL 1950)
- Chaerim Kang 2023-2024
 - Mentor, Honors Thesis Biological Sciences

School of Public Health

- Allison Chen, MPH Thesis Reader, 2012-2013
- Deidrya Jackson, MPH Internship Advisor, 2013-2014
- Alanna Tisdale, MPH Thesis Reader, 2014-2015
- Small Group Leader, PHP2507 & 2508 (Biostatistics), 2015-2016
- Olivia Waldman, Research Mentor, 2023-