

CURRICULUM VITAE

NALINI K. AGGARWAL, MD

Department of Ophthalmology
University of Texas Southwestern Medical Center
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CURRENT POSITION:

Faculty: University of Texas Southwestern Medical Center
Assistant Professor, Glaucoma and Anterior Segment Surgeon
Medical Director of Service:
Simmons Ambulatory Surgical Center, Parkland Hospital
Dept Ophthalmology, Parkland Memorial Hospital

CERTIFICATIONS:

Active Licensure: State of Texas (2005- Present)
Board- Certified in Ophthalmology (Diplomat of American
Board of Ophthalmology- 2006- Present)
Written Qualifying Exam- 98%

EDUCATION:

Fellowship: Glaucoma UT-Southwestern Medical Center Dallas, Texas	7/05-7/06
Residency: Ophthalmology Albany Medical Center, Lions Eye Institute Albany, New York	7/02-6/05
Internship: Internal Medicine Albany Medical Center Albany, New York	7/01-6/02
Doctor of Medicine: Albany Medical College BS-MD Combined Degree Program	7/97-5/01
Undergraduate: Bachelor of Science Union College, Biology-English Dual Major Summa Cum Laude	7/94-5/97

HONORS/AWARDS:

- **Breakfast with Experts Moderator:** “Top Ten Tricks in Evaluating OCT, HRT and Gdx in Glaucoma”, AAO, San Francisco 10/09
- **Breakfast with Experts Moderator:** “Top Ten Tricks in Evaluating OCT, HRT and Gdx in Glaucoma”, AAO, Atlanta 11/08
- **Best Poster Award,** American Academy of Ophthalmology (AAO) 11/07

PO085: One Year Results of Intravitreal Avastin in IOP Control in patients with Neovascular Glaucoma.

- **Breakfast with Experts Moderator:** “Top Ten Tricks in Evaluating OCT, HRT and Gdx in Glaucoma”, AAO, New Orleans 11/07
- **Peer Reviewer:** Expert Rev of Ophthalmology
Journal of Cataract and Refractive Surgery (JCRS) 2/07
- **Outstanding Achievement Award**, Albany Medical Center 6/05
- **Research Scholar Award**, Albany Medical Center 10/04
- **AMA Physician’s Recognition Award** 9/02
- **Marquis Who’s Who** in Medicine and Health Care 8/02
- **Scholarship:** Levon Bedrosian Alumni Award 7/00
- **Panelist:** Massachusetts House Of Representatives
Working Group on Childhood Eye Disease 6/00-6/01
- **Robert D. Reinecke Prize** for Research in Ophthalmology 5/01
- Commendation Letter by Associate Dean for Outstanding Clinical Skills 5/01
- **David Brind Memorial Award-** Honors Thesis in English 6/96-6/97
- **Robert Fuller Award-** Biological Science 6/97
- **Phi Beta Kappa** 6/97

COMMITTEE APPOINTMENTS:

- Medical Director of Service, Ophthalmology
Simmons Ambulatory Surgical Center, Parkland Hospital 1/07- Present
- Credentialing Committee, Parkland Hospital 8/08- Present
- Chief of Service Committee, Parkland Hospital 8/06- Present
- Operating Room Committee, Parkland Hospital 8/06- Present
- Dallas County Medical Society, Membership Committee 8/08- Present
- Women In Ophthalmology/Women In Science and Medicine
Guest Speaker for Glaucoma and Eye Disease 8/07- Present
- Young Ophthalmologist, AAO: YO Info Contributing Writer 8/08- Present
- Institutional Review board, Albany Medical Center 10/03-10/04
- Operating Room Committee, Albany Medical Center 9/03-12/05
- Admissions Committee, Albany Medical College 6/98-5/00

INVITED SPEAKER/LECTURESHIPS:

- John Lynn Memorial Lectureship: Risk Factors for Intraocular Pressure
Elevation post Descemet’s Automated Endothelial Kertoplasty (DSAEK). 5/2011
- Advanced Technology (Premium) Intraocular Lenses: Resident Pilot Program.
San Antonio, TX 6/2010
- American Foundation for the Blind. Glaucoma Symposium.
Dallas, TX. Understanding and Living with Glaucoma. 2/2011
- American Foundation for the Blind. Glaucoma Symposium. Pfizer Inc.
Dallas, TX. Understanding and Living with Glaucoma. 1/2010
- Glaucoma Fellows Program CME Symposium. Alcon Laboratories, Inc
Fort Worth, TX. Management of Neovascular Glaucoma in 2009. 11/09
- John Lynn Memorial Lectureship: Experience with Treatments of 5/09

Neovascular Glaucoma. UT Southwestern Medical Center, Dallas, TX.

- Glaucoma Fellows Program CME Symposium. Alcon Laboratories, Inc Fort Worth, TX. 10/08
- Glaucoma Educators Meeting: Role of Ocular Surface Disease in Glaucoma. Hollywood, FL 5/08
- John Lynn Memorial Lectureship: Making Sense of Glaucoma Medications. UT Southwestern Medical Center, Dallas, TX. 5/07
- Glaucoma Educators Meeting: Role of Preserves in Glaucoma Medications. Los Colinas, TX 4/07
- Glaucoma Advisory Symposium: Helping Improve Therapeutic Success. Tuscan, AZ 3/07
- Int Society of Spaeth Fellows: Filtration Surgery in Congenital Glaucomas. AAO Annual Meeting, Dallas, TX 10/02

RESEARCH GRANTS:

Lions Eye Institute: Surgical Management of Congenital Glaucoma 6/01-7/02

PUBLICATIONS:

- Kooner SK, Joseph A, Shar A, Marquardt FA, AlBadoor M, Cho BJ, Whitson JT, **Aggarwal NK**, Adams-Huet, B. Dallas Glaucoma Registry. Manuscript in Review.
- Allen MB, Lieu P, Mootha V, Bowman RW, Petroll WM, Tong L, Kooner KS, Cavanagh HD, Whitson JT, **Aggarwal NK**. Risk Factors for Intraocular Pressure Elevation Following Descemet Stripping Automated Endothelial Keratoplasty. Eye and Contact Lens. 2010;36(4):223-7
- **Aggarwal NK**, Gandham SB, Weinstein R, Saltzmann RM, Walton DS. Heterochromia Iridis and Pertinent Clinical Findings in Patients with Glaucoma associated with Sturge- Weber Syndrome. Journal of Pediatric Ophthalmology and Strabismus. 2010; 47(6):361-5.
- Saltzmann R, Weakley,D, **Aggarwal, NK**, Whitson, JT. Glaucoma Following Infantile Cataract Surgery. Journal of Pediatric Ophthalmology and Strabismus. 2011;48 (3): 142-149.
- Rhodes K, Weinstein R, Saltzmann R, **Aggarwal NK**, Kooner K, Petroll M, Whitson JT. Intraocular Pressure Reduction in the Untreated Fellow Eye after Selective Laser Trabeculoplasty. Curr Med Res Opinion. 2009;25 (3):787-96.
- Prasher P, Lehmann JD, **Aggarwal NK**. Ahmed Tube Exposure Secondary To Prokera Implantation. Eye and Contact Lens. 2008;34(4):244-5.
- Gallardo MJ, **Aggarwal NK**, Cavanagh HD, Whitson JT. Progression of glaucoma associated with the Sirsasana (headstand) yoga posture. Adv Ther. 2006;23(6):921-5.
- **Aggarwal NK**, Whitson J. Secondary Glaucoma in a Child with Microcornea and Aphakia. Glaucoma Today. 2006;4(2):26-28.

- **Aggarwal NK**, Meyer DR. Massive Orbital Emphysema associated with Laparoscopic Nephrectomy. *Ophthalm Plast Reconstr Surg.* 2004;20(5):14-16.
- **Gupta NK (Aggarwal NK)**, Gandham SB, Walton DS, Simon JW. Heterochromia Iridis in patients with glaucoma in SWS. *Invest Ophthalmol Vis Sci.* 2000;414(4):S283.
- **Gupta NK (Aggarwal NK)**, Simon JW, Walton DS, Augsberger JJ. Bilateral Ectopia Lentis as a Presenting Feature of Medulloepithelioma. *Journal of AAPOS* 2001;5:255-57.
- **Gupta NK (Aggarwal NK)**. The Dramatization of Character in the Poetry of Chaucer and Robert Browning. Thesis for Departmental Honors In English, Union College, April 1997

BOOK CHAPTERS:

- Whitson J, **Aggarwal NK**. Pharmacological therapies for managing the glaucoma. In: *Mechanisms of the Glaucomas*, Tombran-Tink, Joyce; Barnstable, Colin J.; Shields, Bruce M (eds.) 1st ed. New Jersey, Humana Press, 2008. 611-644.
- Simon JW, **Aggarwal NK**. The Pediatric Eye Examination. In: *Pediatric Ophthalmology*. Harley RD (ed.) 5th ed. Philadelphia, W.B. Saunders CO., 2004.

POSTERS/ PRESENTATIONS:

- Roensche MA, Blomquist P, **Aggarwal NK**, McCulley JP. Resident Experience with Toric and Multifocal Intraocular Lenses in a Public County Hospital. Association for Refractive and Cataract Surgery (**ASCRS**): Poster ID: ***- 4/11
- Roensche MA, Blomquist P, **Aggarwal NK**, McCulley JP. Multifocal and Toric Intraocular Lens: Update on the Resident Experience. Association for Refractive and Cataract Surgery (**ASCRS**): Poster ID: 736797- 4/10
- Allen MB, Lieu P, Muftuoglu O, Mootha VV, Bowman RW, Petroll WM, Kooner KS, Cavanagh HD, Whitson JT, **Aggarwal NK**. Risk factors for intraocular pressure elevation following Descemet Stripping Automated Endothelial Keratoplasty. (**AAO**): Poster **085**- 10/09
- Charton J, Blomquist P, **Aggarwal N**, McCulley JP. Multifocal and Toric Intraocular Lens: The Resident Experience. Association for Refractive and Cataract Surgery (**ASCRS**): Poster 555251- 4/09
- **Aggarwal NK**, Bahl, D, Gupta N. One Year Results of Intravitreal Avastin (Bevacizumab) and IOP Control in patients with Neovascular Glaucoma. American Academy of Ophthalmology (**AAO**): **Best Poster**- 11/07
- **Aggarwal NK**, Bahl, D, Gupta N. Role of Intravitreal Avastin in management of Neovascular Glaucoma. Texas Ophthalmological Association (**TOA**): Poster- 4/07
- Weinstein R, Whitson J, **Aggarwal NK**. Selective Laser Trabeculoplasty: Effect of IOP lowering on the contralateral untreated eye. American Glaucoma Society (**AGS**): Poster- 3/07
- Weinstein R, Whitson J, **Aggarwal NK**. Selective Laser Trabeculoplasty: Sustained IOP lowering in the contralateral untreated eye. Association of Research and Vision in Ophthalmology (**ARVO**), Poster-5/07.

- **Aggarwal NK**, Kaback M, Simmons S. Selective Laser Trabeculoplasty: Biological Effects of IOP reduction in the contralateral eye. Resident's Annual Research Day-9/04.
- **Gupta NK (Aggarwal NK)**, Gandham SB, Walton DS. Trabeculectomy with Mitomycin-C in the management of glaucoma in SWS.
American Academy of Ophthalmology (**AAO**), Poster- 10/00
International Society of Spaeth Fellows (**ISSF**), Paper- 10/00
- **Gupta NK (Aggarwal NK)**, Gandham SB, Walton DS. Clinical Findings in Glaucoma in SWS. Association of Research and Vision in Ophthalmology (**ARVO**), Poster-4/00.
- **Gupta NK (Aggarwal NK)**, Gandham SB, Walton DS. Pathogenesis of Glaucoma in the Childhood Glaucomas. 21st Annual Graduate Student Research Day, Poster- 3/00.

OTHER RESEARCH:

- Selective Laser Trabeculoplasty: Effects of Prostaglandin Treatment.
Primary Investigator. Glaucoma Consultants of New York.
Steven Simmons MD, Martin Kaback MD. 5/05
- Rearrangement of adherens junctions by TGF-B1: role of contraction.
Research Assistant. Physiology and Cell Biology. Albany Medical Center.
Victor Hurst PhD, Peter Vincent MD. 7/96-9/96

INDEPENDENT ELECTIVES:

- International Elective: Chitrakut Cataract Camp, Mumbai, India 7/06- 8/06
Preceptor: Uma Maheshwari MD
- Stratton VA Medical Center: Clinical, Pathology 9/00-10/00
Preceptor: Martha Farber MD
- UCLA-Harbor, Jules Stein Eye Institute- Grave's Dx 8/00-9/00
Preceptors: Terry Smith MD, Steven Goldberg MD
- Harvard, Massachusetts Eye and Ear Infirmary- Clinical, Research 6/00-7/00
Preceptors: David Walton MD, Frederick Jakobiec MD

PROFESSIONAL MEMBERSHIPS:

- American Academy of Ophthalmology (Attended 9 consecutive years)
- Association of Research and Vision in Ophthalmology
- American Glaucoma Society
- American Society of Cataract and Refractive Surgery
- Texas Ophthalmologic Association
- Dallas Academy of Ophthalmology
- Dallas County Medical Society/ Texas Medical Association
- New York State Ophthalmological Society

TEACHING ACTIVITIES: (Other than Direct Patient Care and Surgical Supervision)

- **Chief Rounds:** Weekly 8/06- Present
Discussion of challenging Inpatients/Outpatients
- **Quality Assurance/Grand Rounds:** Weekly/Monthly 8/06- Present
Responsible for Q/A, Risk management, Laser Safety announcements

Journal Club: Monthly 8/06- Present
Discussion leader for Glaucoma
Lecturer: Bimonthly 8/06- Present
Glaucoma topics, OKAP/Board Review

Advisor/Evaluator:

Fellows: Focused Professional Practice Evaluations, Career/Academic Development
Residents: Alumni Day Research Mentor, Reference letters for Fellowship, Credentialing
Review Surgical Case Videos for Resident Portfolios

Medical Students: Summer Research Preceptorships/Mentored Electives:

Reinecke, Steven (UTSW)
Lieu Philip (UTSW)
Joseph, Arun (UTSW)
Gupta, Namita (Texas Tech)
Shiralkar, Kaustubh (Texas Tech)

POST DOCTORAL TRAINEES:

Lani Vu MD	7/06-7/07
Jason Tokunaga MD	7/06-7/07
Danny Kim MD	7/08-7/09
Kyle Rhodes MD	1/08-7/09
Robert Saltzman MD	7/09-7/10
John Nicolau MD	7/09-7/10
Shamil Patel	7/10-7/11
Carl Sloan	7/10-7/11

EXTRACURRICULAR/CLINICAL SERVICE:

Public Speaker: Glaucoma Foundation of NY	5/00
Screening for Glaucoma support group, NY Police Academy	
ARVO-NEI/VISION School Program- Education Fair	4/00
Associate Editor, Contributing Writer: AMC Newspaper, Nexus	6/98-5/00
Instructor of Clinical Skills: 3 rd year Albany Medical Students	8/01-5/02
MCAT Teacher- Live Lectures: Biology, English- Kaplan Review	6/97-5/02
Rape Crisis Center, Schenectady Planned Parenthood- Medical Aid	Summer '97

HOBBIES

Exercise, Dancing, Cooking (Asian fusion)
Photography/Videography of daughter Anya and son Avi.