

CURRICULUM VITAE

DEREK L. BARKER, M.D.



PERSONAL DATA

Private Practice Group:

Southern Vitreoretinal Associates, P.A.
3563-A North Crossing Circle
Valdosta, GA 31602
(229) 316-0707
(229) 316-0210 (Telefax)

EDUCATION AND TRAINING:

Doctor of Medicine:

Medical University of South Carolina.
Charleston, South Carolina. 1999.

Master of Science in Biomedical Science – Biometry/Biostatistics & Epidemiology

Medical University of South Carolina.
Charleston, South Carolina. 1995.

Graduate Work in Marine Biology

East Carolina University.
Greenville, North Carolina. 1990-1991.

Bachelor of Science in Biology

University of North Carolina at Chapel Hill.
Chapel Hill, North Carolina. 1990.

Undergraduate classes

University of North Carolina at Charlotte.
Charlotte, North Carolina. 1986-1988

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MEDICAL LICENSURE:

Alabama	#23639	September 2000 - current.
Florida	ME 87774	June 2003 - current.
Georgia	#55091.	July 2004.

BOARD CERTIFICATION:

Diplomate of the American Board of Ophthalmology. June 2005

HONORS AND AWARDS:

J. Dill Pittman Scholarship. 1998.
Luther G. Bell Scholarship. 1996 - 1997.
McGraw-Hill Book Award. Presented to top ranked student in first year class. 1996.
Southern Medical Association Scholarship. 1995 - 1996.
Medical University of South Carolina Student Research Day, 1994.
Second Place – Poster Presentation

RESEARCH & TEACHING APPOINTMENTS:

July 2003 – July 2004.	Instructor. Bascom Palmer Eye Institute. University of Miami.
November 2004 – current.	Clinical Assistant Professor. Florida State University School of Medicine.
July 2003 - July 2004.	Fellowship. Medical Retina. Bascom Palmer Eye Institute. University of Miami.
July 2004 - July 2005.	Fellowship. Surgical Retina. Southern Vitreoretinal Associates. Tallahassee, FL.

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RESEARCH & TEACHING APPOINTMENTS (cont.):

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| 2000-2003. | Residency. Ophthalmology.
University of Alabama at Birmingham. |
| 1999 - 2000. | Residency Internship. General Surgery.
Medical University of South Carolina. |
| May 1996 - Aug 1996. | Research Fellowship.
Medical University of South Carolina /
NIH Health Professionals Summer Research Program,
MUSC – Department of Ophthalmology. |

MEMBERSHIPS:

American Academy of Ophthalmology
Association for Research in Vision and Ophthalmology


PRESENTATIONS:

-  Derek L. Barker.
Neovascular glaucoma treated with intravitreal triamcinolone.
2005 Annual Meeting of the Retina Society.
Hotel Del Coronado, Coronado, CA. September 2005.
-  Derek L. Barker.
Update on age-related macular degeneration. Update on diabetic retinopathy.
Georgia Optometric Association. July 2005.
-  Derek L. Barker.
Retinal vasculitis.
18th Southeastern Vitreoretinal Seminar.
Emory Eye Center, Atlanta, GA. February 2005.

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PRESENTATIONS (cont.):

-  Derek Barker, Leonard Tucker, Robert Morris, Don Fletcher.
Optimal macular hole closure.
Ophthalmology Resident Research Day. University of Alabama. 2003.
-  Derek L. Barker, James Kimble.
Laser photocoagulation improves vision in patients with clinically significant macular edema caused by nerve fiber layer infarcts.
The Combined Meeting of the Vitreous and Retina Societies. San Francisco, CA. 2002.
-  Morris R, Witherspoon CD, Moore T, Barker D, June 30, 2004, Kuhn F.
Laser cerclage prophylaxis against retinal detachment in bilateral pseudophakia.
The Combined Meeting of the Vitreous and Retina Societies. San Francisco, CA. 2002.
-  Derek L. Barker, James Kimble.
Laser photocoagulation improves vision in patients with clinically significant diabetic macular edema caused by nerve fiber layer infarcts.
Ophthalmology Resident Research Day.
University of Alabama. 2002.
-  Derek L. Barker, Russell W. Read.
Evisceration vs. Enucleation, Changing Patterns over 10 Years.
The Association for Research in Vision and Ophthalmology Annual Meeting. 2002.
-  Derek L. Barker, Russell W. Read.
Evisceration vs. Enucleation, Changing Patterns over 10 Years.
Ophthalmology Resident Day.
University of Alabama at Birmingham. 2001.
-  Whiteside SB, Peng Q, Barker DL, Apple DJ.
Database of pathological ophthalmology cases.
American Society of Cataract and Refractive Surgeons. 1998.

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PRESENTATIONS (cont.):

- ③ Wills N, Barker DL, Solomon KD.
Comparison of two technicians for K values.
American Society of Cataract and Refractive Surgeons. 1998.
- ③ Tyson FC, Barker DL, Solomon KD.
PRK nomogram.
American Society of Cataract and Refractive Surgeons. 1998.
- ③ Barker DL, Apple DJ, Whiteside SB, Kent DG.
Decentration of 104 foldable intraocular lenses in autopsied globes.
Medical University of South Carolina, Student Research Day. November 1996.
- ③ Solomon KD, Barker DL.
Excimer laser treatment of astigmatism.
Ophthalmological Society 48th Annual Clinical Conference.
Chicago, IL. May 4, 1996.
- ③ DT Lackland, DL Bachman, T Carter, D Barker, S Timms, H. Kohli.
Geographic variation in stroke mortality and incidence in two areas of the southeastern stroke belt.
World Federation of Neurology, Research group on neuroepidemiology. May 1995.
- ③ DL Barker, DT Lackland.
Interobserver agreement in an epidemiologic assessment of stroke.
Medical University of South Carolina, Student Research Day. October 1994.

PUBLICATIONS:

- ③ Solomon KD, Vroman DT, Barker D, Gehlken J.
Comparison of ketorolac tromethamine 0.5% and rimexolone 1% to control inflammation after cataract extraction. Prospective randomized double-masked study.
Journal of Cataract & Refractive Surgery. 27(8):1232-7. 2001 Aug.

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PUBLICATIONS (cont.):

- ☪ Lackland DT, Bachman DL, Carter TD, Barker DL, Timms S, Kohli H.
The geographic variation in stroke incidence in two areas of the southeastern stroke belt: The Anderson and Pee Dee Stroke Study.
Stroke. 29(10):2061-81, 1998 Oct.
- ☪ Kent DG, Peng Q, Isaacs RT, Whiteside SB, Barker DL, Apple DJ.
Mini-haptics to improve capsular fixation of plate-haptic silicone intraocular lenses.
Journal of Cataract & Refractive Surgery. 24(5):666-672, 1998 May.
- ☪ Kent DG, Peng Q, Isaacs RT, Whiteside SB, Barker DL, Apple DJ.
Security of capsular fixation – small versus large-hole plate-haptic lenses.
Journal of Cataract & Refractive Surgery. 23(9):1371-1375, 1997 Nov.
- ☪ Apple DJ, Isaacs RT, Kent DG, Martinez LM, Kim S, Thomas SG, Basti S, Barker D, Peng Q.
Silicone oil adhesion to intraocular lenses – an experimental study comparing various biomaterials.
Journal of Cataract & Refractive Surgery. 23(4):536-544, 1997 May.

REVIEWER:

- ☪ American Journal of Ophthalmology, 2002.
- ☪ Survey of Ophthalmology, 1999.