

# Eric H. Schallen, M.D., Ph.D.

## Curriculum Vitae

### OFFICE

Drs. Mori, Bean & Brooks, P.A.  
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Jacksonville, FL 32216

### PROFESSIONAL

Current: Senior Partner

Drs. Mori, Bean & Brooks, P.A.

- Chair, Adult Radiologist Services for Baptist Medical Center Jacksonville and Baptist MD Anderson
- Liaison, Baptist Medical Center Radiation Safety Committee
- Chair, MRI Safety Committee

2003 MRI Fellowship/General Diagnostic Radiology Staff (combined position)  
Mallinckrodt Institute of Radiology

2002 Diagnostic Radiology Resident  
Mallinckrodt Institute of Radiology

1998 Transitional Resident  
St. John Hospital and Medical Center, Detroit

1997 M.D., University of Michigan School of Medicine

1993 Postdoctoral Research Fellow—Microsurgery and Ophthalmology  
Wilmer Ophthalmological Institute, Johns Hopkins Hospital, Baltimore

- Created the MADLAB Microsurgery Advanced Design Lab
- Studied excimer laser interactions with ocular tissue
- Designed microsurgical instruments utilizing fiber optics

1991 Technical Marketing Manager, ComStream Corporation, San Diego

1990 Ph.D., Electrical Engineering: Optical Fibers  
Cambridge University, England

- Scholar, American Friends of Cambridge University
- Fellow, Cambridge Philosophical Society

1987 M.Sc.E., Electrical Engineering: Optoelectronics  
University of Michigan, Ann Arbor

- Schlumberger Fellow in Electrical Engineering

1986 B.Sc.E., Cum Laude: Electronic Engineering  
California Polytechnic State University, San Luis Obispo

**RESEARCH ACTIVITIES**

- EH Schallen and Louis Gilula, "Reusable flange converter with hub lock for injection of polymethylmethacrylate by screw-plunger syringe during vertebroplasty", *Radiology*, 222(3);851-55, March 2002.
- EH Schallen and David Williams, "An *in vitro* study comparing intramural versus intimal disruption as a primary event in aortic dissection", August 1996, unpublished work, University of Michigan.
- EH Schallen, I De Odorico, B Shapiro, "Scintigraphy of proximal femoral focal deficiency", *Clinical Nuclear Medicine*, Oct 1997, 22:730.
- RS Rader, EH Schallen, AC Walsh, CC Awh, E de Juan, "liquid level sensing and monitoring system for medical fluid infusion systems", US Patent #5,563,584, Oct 8, 1996.
- EH Schallen CC Awh, E de Juan Jr, "Rate-dependent nonlinear photoablation of ocular tissue at 308nm", *Lasers in Surgery and Medicine*, 1994, 15:99-106.
- EH Schallen CC Awh, E de Juan Jr, "A new laser probe for vitreoretinal surgery", presented at the 1993 annual meeting of the Wilmer Residents' Association, Johns Hopkins University Medical Institutions, Baltimore, MD, April 28-30, 1993.
- CC Awh, EH Schallen, E de Juan Jr, "An illuminating laser probe for vitreoretinal surgery", *Arch Ophthalmology*, 112:553-4, 1994.
- EH Schallen, CC Awh, E de Juan Jr, "Effect of pulse repetition rate on tissue ablation by xenonchloride excimer laser", presented at the annual meeting of the Assn. for Research in Vision and Ophthalmology, Sarasota, FL May 1993.
- EH Schallen, "Fabrication of optical fibers from multicomponent glasses", Ph.D. dissertation, Engineering Department, University of Cambridge, England, 1990.