

WAKE FOREST UNIVERSITY SCHOOL OF MEDICINE  
CURRICULUM VITAE

NAME: Marshall Edwin Tyler, C.R.A., F.O.P.S.

BUSINESS: Department of Ophthalmology  
Wake Forest University School of Medicine  
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EDUCATION:

1970 Bachelor in Science, Professional Photography  
Rochester Institute of Technology  
College of Graphic Arts and Photography

1968 Associate in Applied Science, Professional Photography  
Rochester Institute of Technology  
College of Graphic Arts and Photography

PROFESSIONAL LICENSURE:

1985 - Present Certified Retinal Angiographer (C.R.A.),  
Ophthalmic Photographer's Society

1978 Radio Telephone, Third Class with Element Nine, Broadcast  
Endorsement, Federal Communications Commission

SPECIALTY CERTIFICATION:

2010 Nordic; IIHTT study - intracranial hypertension

2009 Regeneron (+extensions); Randomized study of intraretinal VEGF

2009 Degas; Diabetic Macular Edema (DME) intraretinal injections

2008 Thrombogenics TG-MV-006 Duke Stratus OCT Certification  
Certification – Drug Studies

2006 AREDS-2; Vitamin study for AMD; EMMES Corp.

- 2005 SCORE - Sandard Care vs. Corticosteroid for Retinal Vein Occlusion, Certified OCT operator and ophthalmic photographer; (Fundus Photography Reading Center, Madison, WI)
- 2004 DRCR.net A,B,H, O, Q, N, J, I protocols; Jaeb study for clinical research network; Diabetic Retinopathy
- 2001 Aventis, Diabetic Retinopathy progression, Diabetes type II, Certified Photographer
- 2001 Eli Lilly MBCM, MBDL, MBBK, MBCM
- 2001 EyeTech Pharmaceuticals, Age Related Macular Degeneration (AMD) Study, FDA phase III, EYE001 Intravitreal injections, Certified Photographer
- 2000 Pharmacia SnET2-98EA004
- 2000 Ciba - Visudyne in Minimally Classic (VIM) and Visudyne in Occult (VIO), certified photographer
- 1999 Miravant / Pharmacia UpJohn: Clinical trial for PDT, FDA phase III; Certified Photographer (Fundus Photography Reading Center, Madison, WI)
- 1998 Eli Lilly Pkc Trials, (MBBM, MBBK, MBCM Trials) anti-diabetic: Certified photographer (Fundus Reading Center, Madison, WI)
- 1994 Collaborative Initial Glaucoma Treatment Study (CIGTS), NIH grant. Certified photographer.
- 1993- ICG Study: Indocyanine Green Angiography Study; Photographer
- 1993 Upjohn drug study – Glyburide (antidiabetic), photographer
- 1992 Retinitis Pigmentosa (RP) study, Photographer
- 1990 – 1995 TOLRESTAT; Wyeth-Ayerst, (antidiabetic) Certified Photographer
- 1988 – 1993 PRAVACHOL, Squibb; photographer
- 1988 – 1998 Low Tension Glaucoma; Photographer
- 1987 Lens Opacity Classification System (LOCS II)

1985 – Present	Certified Retinal Angiographer (CRA), Ophthalmic Photographers' Society, Inc.
1985 – Present	Cardiopulmonary Resuscitation (CPR), Basic Life Support, American Heart Assoc.
1976	Cardiopulmonary Resuscitation, Instructor, Red Cross
1975	Scuba Diving Instructor, YMCA, PADI
1975	Red Cross, Standard First Aid
1975	Certified Scuba Driver, NAUI
1972	Certified Scuba Driver, PADI, ACUC

EMPLOYMENT:

1976-Present	Instructor, Department of Ophthalmology, Division of Surgical Sciences Wake Forest University School of Medicine Winston-Salem, NC 27157-1033
1971-1974	Ophthalmic Photographer, Chief Department of Ophthalmology Yale University School of Medicine New Haven, Connecticut
1970	Master of Ceremonies (part-time) Talents Avails, WOKR-TV Rochester, New York
1969-1970	Audio Engineer (part-time), Instructional Resources Lab Rochester Institute of Technology Rochester, New York
1969-1970	Engineer (part-time) Walrite, Inc., WNYR-AM and FM Rochester, New York
1969	Mastering Engineer National Tape Service, Division of RKO General West Caldwell, New Jersey
1968-1971	Assistant Video Director and Audio Engineer (part-time) Sports and Specials Telecasts, Inc. Rochester, New York
1968-1970	Production Assistant (part-time) Rochester Institute of Technology – Television Center Rochester, New York
1966-1970	Announcer/Engineer (part-time) WITR Radio Rochester, New York
1962-1969	Laboratory Technicians (photography & electronics) (Part-time – Summers) Bell Telephone Laboratories, Inc. Murray Hill, New Jersey
1960-1964	Freelance Photographer (part-time) Independent Press & The Dispatch New Providence, New Jersey

PROFESSIONAL APPOINTMENTS AND ACTIVITIES:

Editorial Boards

1999 - Present	Journal of Ophthalmic Photography, Editorial Board
2003 – Present	Ophthalmic Photographers' Society – Committees:
2005 – Present	Ophthalmic Photographers' Society – Mentor Program
1992 – 1996	Reviewer – Journal of the American Academy of Optometry
1974 – 1977	Research and Development Committee, Chair
1988 – 1998	Research and Design Committee, Member
1983	By-Laws, Member
1980 – 1983	Awards Committee, Member
1977 – 1978	Board of Certification, Member
1974 – 1977	Nominating Committee, Chairman
	Awards Committee, Chairman

Consultancies

Polaroid, Texas Optical, Zeiss, Massie Labs, Haag-Streit

PROFESSIONAL MEMBERSHIPS AND SERVICE:

1971 – Present	Ophthalmic Photographers' Society (OPS) – Member
1989 – 1998	OPS, Board of Education
1985 – 1989	OPS, Board of Certification
1973 – 2001	Biological Photographic Association
1973 – 1975	OPS, Board of Directors

HONORS AND AWARDS:

2009	OPS Scientific Exhibit – Best of Show, Stereo Division: Basal Cell Carcinoma in Vivo
2009	OPS Scientific Exhibit - First Place: Stereo Division, External: Basal Cell Carcinoma in Vivo
2009	OPS Scientific Exhibit – First Place: Print Division, Special Effects Photography: Dislocated IOL with Lens Capsule Remnant
2009	OPS Scientific Exhibit – First Place: Print Division, The Eye as Art: Sea Fan Cataract
2009	OPS Scientific Exhibit – Second Place: Print Division, External Photography: Extruded Implant
2009	OPS Scientific Exhibit – Third Place: Stereo Division, Fundus 20°, Optic Disc Edema
2009	OPS Scientific Exhibit – Honorable Mention, Print Division, Cross Categories: Cystoid Macular Edema

- 2009 OPS Scientific Exhibit – Honorable Mention: Stereo Division, Gonio Photography; Pigmentary Glaucoma
- 2009 OPS Scientific Exhibit – Honorable Mention: Stereo Division, Slit Lamp Photography: Anterior Subcapsular Cataract with Wrinkling of the Anterior Capsule in the Setting of Chronic Uveitis
- 2009 ASCRS ASOA, First Place Award, “photograph, “Cystoid Macular Edema; Monochromatic 540 nm, Fluorescein Angiogram L OCT” , April 3 to April 8, 2009.San Francisco, CA
- 2009 ASCRS ASOA, Honorable mention Award, “Iris Dehiscence, Post Trauma“, April 3 to April 8, 2009.San Francisco, CA
- 2009 ASCRS ASOA, Honorable Mention Award, SRN within RPE Disturbances, print 3 to April 8, 2009.San Francisco, CA
- 2008 OPS Scientific Exhibit First Place Winners: Print Division – The Eye as Art, “The Spirit of Fluorescein”
- 2008 OPS Scientific Exhibit Third Place Winners: Print Division – Ocular Coherence Tomography. Nystagmus Secondary to Macular Hole with Scan Align Analysis”
- 2008 OPS Scientific Exhibit Third Place Winners: Print Division – Gonio Photography. “Oil in Anterior Chamber”
- 2008 OPS Scientific Exhibit First Place; Winners: Special Effects Photography Print Division – Posterior Capsule Remnant, s/p YAG w/Superior Attachment & Inferior Lens Burn”
- 2008 OPS Scientific Exhibit Honorable Mention; Winners: Special Effects Photography Print Division – Multifocal IOL
- 2008 OPS Scientific Exhibit Honorable Mention; Winners: External Photography Orbital Floor Fx
- 2007 OPS First Place, special Effects Photography, photograph, “Extreme Laser”, Nov 9-13, 2007, New Orleans
- 2007 OPS Third Place, Slit Lamp Photography, “Penetrating Keratoplasty”, Nov 9-13, 2007, New Orleans
- 2007 OPS Honorable Mention, Fundus Photography High Magnification, “Vessel Walls”, Nov 9-13, 2007, New Orleans

- 2007 OPS Honorable Mention, Ocular Coherence Tomography, “Central Serous Chorio Retinopathy with Secondary PED”, Nov 9-13, 2007, New Orleans
- 2007 OPS Honorable Mention, Slit Lamp Photography, Dendritic Ulcer of the cornea”, Nov 9-13, 2007, New Orleans
- 2007 OPS Honorable Mention, Slit Lamp Photography, “Penetrating Keratoplasty”, Nov 9-13, 2007, New Orleans
- 2006 OPS Scientific Exhibit First Place Winners: Print Division – The Eye as Art, “Macular Star in Green & Yellow
- 2006 OPS Scientific Exhibit First Place Winners: Stereo Slide Division – Slit Lamp Photography, Corneal Verticillata 2 degrees Fabray’s Disease
- 2006 OPS Scientific Exhibit First Place Winners: Monochromatic photography, RAP w/ PED post Diode Laser
- 2006 OPS Scientific Exhibit – Second Place Winners: Print Division, Fundus Photography 20 degrees, Optic Nerve with Cup Lamina Cibrosa.
- 2006 OPS Scientific Exhibit – Second Place Winners: Stereo Slide Division, Fluorescein Angiogram, CSCR
- 2006 OPS Scientific Exhibit – Second Place Winners: Stereo Slide Division, External Photography, Silicone Oil in AC 2 degree to RD Repair
- 2006 OPS Scientific Exhibit – Second Place Winners: Print Division, External Photography, Trichiasis
- 2006 OPS Scientific Exhibit – Second Place Winners: Print Division, Instrumentation Photography, 23 Gauge Needle
- 2006 OPS Scientific Exhibit – Third Place Winners and Honorable Mention: Print Division. Special Effects Photography, Extream Laser via Photoshop
- 2006 OPS Scientific Exhibit – Third Place Winners and Honorable Mention: Stereo Slide Division, HM: Fibrin 2’ to Diode CPC Laser
- 2006 OPS Scientific Exhibit – Third Place Winners and Honorable Mention: Stereo Slide Division, HM: Conjunctival Vascular Anomaly in pt. w/ Hx of Cavernous Hemangioma

- 2006 OPS Scientific Exhibit – Third Place Winners and Honorable Mention: Stereo Slide Division, HM: Ciliary Body Mass
- 2005 Tyler ME, 2004 AAO – OPS Scientific Exhibit Best of Show, print division (cover photograph), First place, print division, Cross categories, Optic Nerve Drusen; Second place, print division, Fundus 20<sup>0</sup>, Lamina Cribrosa; Second place, print division, Ciliary Body Melanoma; First place, stereo division, Fundus 20<sup>0</sup>, Cryptococcal Meningitis with Disc Edema, HIV+; First place, stereo division, External photography, Basal Cell Carcinoma; additional listing of 5 awards; *The Journal of Ophthalmic Photography*, 2005 v27:1 (cover, p31-34, 35, 37)
- 2005 OPS Scientific Exhibit Best of Show, The Journal of Ophthalmic Photography – Spring 2005 – Cover Image
- 2005 Wake Forest University Baptist Medical Center, “In the NEWS” Having Lasik? Check Forecast” Color Print – Humidity Affects Lasik Results”
- 2004 Ophthalmic Photographers’ Society, Color Print, Honorable Mention, Special Effects Photography – “Macular Translocation”
- Ophthalmic Photographers’ Society, Color Print, Honorable, Retinal Angiogram – “PED”
- 2004 Ophthalmic Photographers’ Society, Color Print, *Best of Show Award* – “Tube Shunt Dislocation”
- 2004 Ophthalmic Photographers’ Society, Color Print, First Place, External Photography – “Tube Shunt Dislocation”
- 2004 Ophthalmic Photographers’ Society, Stereo Slide, First Place, External Photography – “Basal Cell Carcinoma”
- 2004 Ophthalmic Photographers’ Society, Stereo Slide, First Place, Fundus Photography, High Mag. – “Cryptococcal Meningitis with Disc Edema, HIV+”
- 2004 Ophthalmic Photographers’ Society, Color Print, First Place, Cross Category – “Optic Nerve Drusen”
- 2004 Ophthalmic Photographers’ Society, Color Print, Second Place, Cross Category – “Ciliary Body Melanoma”
- 2004 Ophthalmic Photographers’ Society, Color Print, Second Place, Fundus Photography High Mag. – “Lamina Cribrosa”
- 2004 Ophthalmic Photographers’ Society, Stereo Slide, Third Place, Retinal Angiogram – “Giant PED”
- 2004 Ophthalmic Photographers’ Society, Color Print, Cross



- Category,: Third Place – “In vitro 'Open Sky' Fundus  
Photography post Traumatic Loss of PK, IOL, Vitreous  
Without  
Retinal Detachment”
- 2004 Ophthalmic Photographers' Society, Color Print, Honorable  
Mention, Special Effects Photography – “Suture Cataract with
- 2003 Ophthalmic Photographers' Society, Color Print, Fundus  
Photography 20 degree, Disc Edema, 2nd place
- 2003 Ophthalmic Photographers' Society, Stereo Slide,  
Monochromatic Photography, Macular Star - 540nm,  
First Place.
- 2003 Ophthalmic Photographers' Society, Stereo Slide, Slit-Lamp,  
In-vivo Anterior Segment Foreign Body, First Place &  
"Best of Show"
- 2001 Ophthalmic Photographers' Society, Color Print, Special Effects  
Photography, Fluorescein Sodium Extravasation,  
honorable mention
- 2001 Ophthalmic Photographers' Society, Color Print, Photo/Electron  
Micrography, Polyvinyl Chloride (PVC) Outgassing Onto  
Slide, honorable mention
- 2000 The Publishers Marketing Association (PMA) Awards annually  
the Benjamin Franklin Award which was presented to the  
textbook “Stereo Atlas of Fluorescein and Indocyanine Green  
Angiography” in the Professional/Technical category. M  
– author.
- Tyler
- 2000 Ophthalmic Photographers' Society, Color Print, Gross  
Specimen Photography, Fungal Endophthalmitis, 1st place
- 2000 Ophthalmic Photographers' Society, Color Print,  
Monochromatic Photography, Retinal Capillary  
Hemangioma, 2nd place Category, Ciliary Body  
Melanoma, 3rd place
- 1999 Ophthalmic Photographers' Society, Color Print, Gonio  
Photography, Ciliary Body Melanoma, 1st place
- 1999 Ophthalmic Photographers' Society, Color Print, Composite  
Photography, Retinal Detachment with Shifting Fluid, 2nd place
- 1999 Ophthalmic Photographers' Society, Color Print, Composite  
Photography, Branch Vein Occlusion, 3rd place
- 1999 Photography, Intraocular Foreign Body, 3rd place
- 1997 Ophthalmic Photographers' Society, Color Print, Fundus, Giant  
Retinal Tear – “Retinal Detachment”

IOFB,	1997	Ophthalmic Photographers' Society, Color Print, Slit-Lamp, Iris Cyst
	1996	Ophthalmic Photographers' Society, Color Print, Fundus, 1 <sup>st</sup> Place, "Bear Tracks"
	1996	Ophthalmic Photographers' Society, Color Print, Gonio, Honorable Mention, "Iris Tumor"
	1995	Ophthalmic Photographers' Society; Print division, Best of Show (print division)
Goniography,	1995	Ophthalmic Photographers' Society; Print division, Fundus - wide angle, Second place
	1995	Ophthalmic Photographers' Society; Print division, Retinal angiogram, Second place
	1995	Ophthalmic Photographers' Society; Print division, Instrumentation, Second place
	1995	Ophthalmic Photographers' Society; Print division, Clinical setting, Second place
	1994	International Conference on Ophthalmic Photography, Toronto, Canada, Digital Imaging, First Place
	1994	International Conference on Ophthalmic Photography, Toronto, Canada, Fundus Photography, First Place
	1994	International Conference on Ophthalmic Photography, Toronto, Canada, Photo Slit Lamp Biomicrography, First Place
	1994	Ophthalmic Photographers' Society, Print division, Gonio Photography, First Place
	1994	Ophthalmic Photographers' Society, Print division, Cross
	1993	Ophthalmic Photographers' Society; Disc Edema, 575 Nanometers, Exhibited
	1993	Ophthalmic Photographers' Society, Stereo Slides, Monochromatic, Second Place
	1992	Ophthalmic Photographers' Society, First Place, Color Print, Granulocytic Carcinoma and Neonate
	1992	Ophthalmic Photographers' Society, Color Print, Fundus, Neovascularization of Optic Nerve in a Diabetic, Honorable Mention
	1992	Ophthalmic Photographers' Society, Color Print, Fundus, Proliferative Diabetic Retinopathy with Total Retinal Detachment, Honorable Mention
	1992	Ophthalmic Photographers' Society, Monochromatic Print, Optic Award, Vitreous Cyst
	1991	Ophthalmic Photographers' Society, Color Print, Fundus Photograph, Second Place

- 1988 Ophthalmic Photographers' Society, Stereo Side, External
- 1987 Ophthalmic Photographers' Society, Color Print,  
Slit Lamp Photography, First Place
- 1987 Ophthalmic Photographers' Society, Stereo Slide,  
Slit Lamp Photography, Honorable Mention
- 1986 Ophthalmic Photographers' Society, Color Print,  
External Photography, First Place
- 1986 Ophthalmic Photographers' Society, Color Print,  
Surgical Photography, First Place
- 1986 Ophthalmic Photographers' Society, Color Print,  
Slit Lamp Photography, Second Place
- 1985 Ophthalmic Photographers' Society, Color Print, Slit-Lamp  
photography, First Place, "Pseudoexfoliation of Lens Capsule"
- 1985 Ophthalmic Photographers' Society, Black and White Print,  
Retinal Angiogram, Honorable Mention, "Retinal Arteriovenous  
Anastomosis"
- 1985 Ophthalmic Photographers' Society, Color Stereo Slide,  
Monochromatic, Second Place, "Astrocytoma"
- 1983 Ophthalmic Photographers' Society, Color Print, Fundus,  
Exhibited
- 1982 Ophthalmic Photographers' Society, Color Print, External, First  
Place
- 1977 Ophthalmic Photographers' Society, External Color Print,  
Keratoconus
- 1977 Ophthalmic Photographers' Society, Second Place, Stereo Slide,
- 1976 Associated Artists of Winston-Salem
- 1976 Associated Artists of Winston-Salem
- 1975 Biological Photographic Association, First Award, Clinical
- 1975 Biological Photographic Association, BPA Medical Education  
Transparency, Vitreous Cyst
- 1975 Biological Photographic Association, Clinical Transparency, Iris  
Fluorescein
- 1975 Piedmont Diving and Rescue Association, First Place
- 1975 Piedmont Diving and Rescue Association, Third Place

PROFESSIONAL INTERESTS:

RESEARCH INTERESTS:

Stereo Imaging

Ophthalmic photographic equipment design: To bring higher quality ophthalmic diagnostic imaging by assisting in the design of ophthalmic photographic equipment by consulting with manufacturers.

GRANTS (Primary Investigator):

2005 - 2008	NC Foundation for Advanced Health Programs, Inc. Co-PI, Increasing Screening Eye Examinations for Diabetic Retinopathy in North Carolina (I SEE IN NC)
2005 - 2008	The Kate B. Reynolds Charitable Trust Co-PI, Increasing Screening Eye Examinations for Diabetic Retinopathy in North Carolina (I SEE IN NC)
2005 - 2008	The Duke Endowment Co-PI, Increasing Screening Eye Examinations for Diabetic Retinopathy in North Carolina (I SEE IN NC)
1981 – 1984	U.S. Department of Energy: “Direct Gain in Solar Heat Storage”, Appropriate Technology, Demonstration Project #DE-FG44-81 R410440

GRANTS (Photographic Component):

2003-present	Lilly Pharmaceuticals; MBDL Protein Kinase C Inhibitor Diabetic Retinopathy Study
2003 – present	NIH – NEI: Diabetic Retinopathy Clinical Research (DRCR)– Diabetic Retinopathy Study
2003 – 2005	Sankyo Hypertension Study: VIOS – Assessment of Antihypertensive Therapy by Measurement of Retinal Arterioles
November 2002-Present	Eye Tech Pharmaceuticals A Phase II trial of EYE001 intravitreal injections in patients with clinically significant diabetic macula edema involving the center of the macula
February 2002-present	Eye Tech Pharmaceuticals A phase II/III trial of EYE001 in patients with age related macular degeneration
April 2001-2004	Lilly Pharmaceuticals; MBCM Protein Kinase C Inhibitor Diabetic Retinopathy Study 2

October 1999-2002	Miravant Pharmaceuticals: A phase III randomized, multicenter double-masked Placebo-controlled parallel group study of tin ethyl present Etiopurpurin (SnET2) photodynamic therapy in the Treatment of subfoveal choroidal neovascularization Associated with age-related macular degeneration
October 1999-2002	Miravant Pharmaceuticals: A phase III randomized, multicenter double-masked Placebo-controlled parallel group study of tin ethyl present Etiopurpurin (SnET2) photodynamic therapy in the Treatment of subfoveal choroidal neovascularization Associated with age-related macular degeneration
May 1998-2002	Lilly Pharmaceuticals; MBBM The effect of Protein Kinase C inhibitor on the progression of Diabetic Retinopathy
May 1998-2002	Lilly Pharmaceuticals; MBBK The effect of a Protein Kinase C inhibitor on the progression of Diabetic Macular Edema
1985-2003	CIGTS – Collaborative Initial Glaucoma Treatment Study
1997	LOCS II Lens Opacification and Classification Study II

DEVICE DEVELOPMENT:

- 2004 Digital Stereo Photo-Slit-Lamp camera system development:  
Published: Slit-lamp Examination & Photography
- 2003 Cardiac triggered fundus imaging for images used in  
hypertension study – VIOS
- 2003 Specialized multifunction imaging device: Functional, physical  
and operation design consultation; Massie Research Labs.
- 2003 Haag-Streit, Stereo Photo-adapter, for BX 900 Photo Slit Lamp
- 2001 Design consultation and review of early product feedback of  
450 fundus camera; Carl Zeiss, Inc.
- 1995 Polaroid Macro-5 Instant Film Camera: Primary design  
consultant. Device functions, operation and new capabilities:  
internal fixed image magnification selector (optics and  
function), Cross beam ranging for image centering and plane  
of focus.
- 1993 Film testing for retinal imaging, Spectra Film series; Polaroid,  
Inc.
- 1985 Digital fundus camera design with emphasis on the user  
interface, Texas Optical, Inc.
- 1987 Simultaneous Stereo Slit-Lamp 35mm photography with foot  
switch control
- 1974 Stereo sequence programmer for use with retinal fluorescein  
angiography equipment to provide maximal stereo information  
from image timing to create minimal image disparity
- 1972 Development of rapid sequence anterior segment fluorescein  
angiography photo-slit-lamp

LECTURES, SPEECHES, EXHIBITS, FILMS:

INTERNATIONAL:

May 2006 "Website Basics.", Lecturer ICOP: The 6<sup>th</sup> International Conference on Ophthalmic Photography, San Francisco.

May 2006. "Photographic Retinal Screening for Diabetic Retinopathy; the Experiences of a New Program in North Carolina", ICOP: The 6<sup>th</sup> International Conference on Ophthalmic Photography, San Francisco, CA.

August 2005 – "Diabetic Screening in North Carolina", Cairns, Australia.

August 2005 – "Chromatic Anaglyphs", Cairns, Australia.

October 10, 2003. "Cardiac Synchronized Retinal Photography for Vascular Measurement", Lennart Nilsson Conference on Medical and Scientific Imaging, Stockholm.

September 1998. "Digital Imaging in Ophthalmic Photography" – ICOP: The 5<sup>th</sup> International Conference on Ophthalmic Photography, Edinburgh, Scotland.

October 1993. "Electronic Fundus Imaging" – Focus on Ophthalmology for Technical Personnel, Bowman Gray School of Medicine, Winston-Salem, NC

June 1994. "Scientific Session," International Congress of Ophthalmic Photography, ICOP '94, Chairperson, Toronto, Canada.

September 1991. "Surgical techniques in the removal of epiretinal membranes." (Videotape) Slusher MM, Facs GD, Greven CM [Tyler ME, CRA; Post-Production]. Italy

May 3, 1986. "Stereo Photography." Ophthalmic Photographers' Society, International Meeting and Technical Workshop, Rome, Italy.

May 3, 1986. "Slit-Lamp Workshop." Coordinator; ICOP: International Conference on Ophthalmic Photography, Rome, Italy

April 1974. "Using the Zeiss Photo-Slit Lamp," International Conference on Lasers, Albi, France.

April 1974. "Sensitometric Approach to Unusual Film/Developer Combinations," International Conference on Lasers, Albi, France.

NATIONAL:

October 25, 2010. 40<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society Meeting; Gonio Photography, workshop instructor

October 25, 2010. 40<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society Meeting; Lecture: "Website Basics"

October 25, 2010. 40<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society Meeting; Slit Lamp Photography, workshop instructor

May 2009. Image Quality and Compression – A Photographics Perspective; Association for Research in Vision and Ophthalmology (ARVO), Ft Lauderdale, FL. M Tyler.

November 10, 2008. Web Site Design for Ophthalmic Photography. Ophthalmic Photographers' Society Meeting. Atlanta, GA, M Tyler.

November 10, 2008. "Web Site Basics for Ophthalmic Photography", 39<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society, Atlanta

November 2007 – "Adobe – Photoshop CS3 Extended for Ophthalmic Photography". 38<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society; A Still; M Maio; R Hackel; M Tyler.

November 2007 "Web Site Basics", 38<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society, New Orleans

November 2007. "Web Site Design for Ophthalmic Photography", 38<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society, New Orleans

November 2006 "Web Site Basics", 37<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society", Las Vegas, M E Tyler; R E Hackel.

October 2006 "Creating Ophthalmic Scientific Posters with PowerPoint", 37<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society", Las Vegas

October 2006 "Wiz-Bang PowerPoint", 37<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society", Las Vegas

October 2006 "Ophthalmic Website Basics", 37<sup>th</sup> Annual Educational Meeting, Ophthalmic Photographers' Society", Las Vegas

May 2006. "ICOP – Web Site Design" – Ophthalmic, M.E Tyler and R E Hackel.

October 2005. "Ophthalmic Photographers' Society. "Ophthalmic Poster Design Using PowerPoint" – "PowerPoint: Creating WizBang Presentations with Animation and Video", "Establishing an Ophthalmic Website" 36<sup>th</sup> Annual Educational Program, Chicago.

October 24, 2004. "Digital Video Editing in Ophthalmology, Demonstration" – Ophthalmic Photographers' Society, 35<sup>th</sup> Annual Meeting, New Orleans.

October 24, 2004. "Digital Video Editing in Ophthalmology" – Ophthalmic Photographers' Society, 35<sup>th</sup> Annual Meeting, New Orleans. September 1972. "Anterior Segment Photography." Ophthalmic Photographers' Society.

October 24, 2004. "Creating Posters in PowerPoint" - Ophthalmic Photographers' Society, 35<sup>th</sup> Annual Meeting, New Orleans.

October 24, 2004. "Wiz Bang PowerPoint" - Ophthalmic Photographers' Society, 35<sup>th</sup> Annual Meeting, New Orleans.



November 17, 2003. "Video Editing for Ophthalmology – The Basics and Beyond!" - Ophthalmic Photographers' Society, 34th Annual Meeting, Anaheim.

November 16, 2003. "PowerPoint: Creating Wiz-Bang Presentations with Animation and Video" - Ophthalmic Photographers' Society, 34th Annual Meeting, Anaheim.

November 14-18, 2003. Instructor. "Digital Imaging in Ophth Photography", Joint Commission on Allied Health Personnel in Ophthalmology, ATPO's Scientific Session and Tech Bowl, Anaheim.

November 16, 2003. "Creating Wiz-Bang Presentations with Animation and Video", JCAHPO, R Hackel, E. Priel; M Tyler, Anaheim.

November 17, 2003. "Digital Video in Ophthalmology". JCAHPO. – Ophthalmic Photographers' Society, 34<sup>th</sup> Annual Meeting, M Tyler; L. MacKeen. Anaheim.

November 17, 2003. "Video Editing for Ophthalmology – The Basics and Beyond!". JCAHPO. M. Tyler, L. MacKeen, Anaheim.

November 17, 2003. "Digital Imaging in Ophthalmic Photography" – JCAHPO. M. Tyler. Anaheim.

November 2003. "Digital Retinal Photography" - JCAHPO, Anaheim.

November 2003. "Steps in Electronic Imaging" – M E Tyler. JCAHPO, OPS. Anaheim.

October 22, 2002. "Digital Fundus Photography Workshop" - Ophthalmic Photographers' Society, 33rd Annual Meeting, Orlando

October 22, 2002. "Introduction to Digital Retinal Photography" - Ophthalmic Photographers' Society, 33th Annual Meeting, Orlando.

October 21, 2002. "Digital Retinal Photography" - JCAHPO, Orlando

October 20, 2002. "Digital Video in Ophthalmology" - Ophthalmic Photographers' Society, 33th Annual Meeting, Orlando.

May 7, 2002. "Digital Imaging for Clinical Trials – Special Interest Group" – ARVO – SIG.

October 2002. "Bits & Bytes: Joining the Digital Angiography Revolution" - American Academy of Ophthalmology. JC Cavender MD; P J Saine; M E Tyler.

November 14, 2001. "Digital Imaging in Ophthalmic Photography" – Joint Commission on Allied Health Personnel I Ophthalmology" Instructor. New Orleans.

November 13, 2001. "Bits & Bytes: Joining the Digital Angiography Revolution" - American Academy of Ophthalmology, New Orleans. Invited Lecturer.

November 13, 2001. "Introduction to Digital Fundus Photography" - Ophthalmic Photographers' Society, 32th Annual Meeting, New Orleans.

- November 13, 2001. "Financial Planning for Retirement for Ophthalmic Photographers" - Ophthalmic Photographers' Society, 32th Annual Meeting, New Orleans.
- November 11, 2001. "Digital Fundus Photography" - JCAHPO, (Joint Commission on Allied Health Personnel in Ophthalmology) New Orleans.
- May 2, 2001. "History of Digital Imaging in Retinal Photography; Digital Imaging Clinical Trials" - ARVO, Ft. Lauderdale.
- October 23, 2000. "Bits & Bytes: What Should I Know before Committing to Digital Angiography?" – American Academy of Ophthalmology, Dallas. Invited Lecturer.
- October 23, 2000. "Digital Fundus Photography Workshop" - Ophthalmic Photographers' Society, 31th Annual Meeting, Dallas TX.
- October 23, 2000. "Introduction to Digital Fundus Photography " - Ophthalmic Photographers' Society, 31th Annual Meeting, Dallas TX.
- October 21, 2000. "Financial Management for Retirement Planning" - Ophthalmic Photographers' Society, 31th Annual Meeting, Dallas TX.
2000. "Resident Lecture - Ophthalmology. WFUSM. "External Ophthalmic Photography. M. E. Tyler.
- October, 1999. "Bits & Bytes: Joining the Digital Angiography Revolution." American Academy of Ophthalmology, Orlando. Invited Lecturer.
- October 1999. "Digital Imaging" - Ophthalmic Photographers' Society, 30th Annual Meeting, Orlando.
- October 1999. "Financial Planning for Retirement" - Ophthalmic Photographers' Society, 30th Annual Meeting, Orlando.
- Nov. 10, 1998. "Fundamentals of Digital Fundus Photography" - Ophthalmic Photographers' Society.
- Nov. 9, 1998 "Fundamentals of Digital Fundus Photography, workshop" - Ophthalmic Photographers' Society.
- Nov. 9, 1998. "Fundus Mapping Workshop" - Ophthalmic Photographers' Society.
- Nov. 9, 1998 "Fundamentals of Digital Fundus Photography" - Ophthalmic Photographers' Society, 29th Annual Meeting, New Orleans.
- October 28, 1997 "Digital Imaging Workshop" - Ophthalmic Photographers' Society, 28th Annual Meeting, San Francisco.
- October 28, 1997 "Fundamentals of Digital Fundus Photography " - Ophthalmic Photographers' Society, 28th Annual Meeting, San Francisco.
- March 7, 1997. "Digital Imaging in Ophthalmology" - Ophthalmic Photographers' Society, Imaging Insights, NYC.
- October 28, 1996. "Fundamentals of Digital Fundus Imaging" - Ophthalmic Photographers' Society 27<sup>th</sup> Annual Education Program, Chicago.
- October 28, 1996. "Digital Fundus Imaging Workshop #1" - Ophthalmic Photographers' Society 27<sup>th</sup> Annual Education Program, Chicago.

October 28, 1996. "Digital Fundus Imaging Workshop #2 - Ophthalmic Photographers' Society 27<sup>th</sup> Annual Education Program, Chicago.

June 8, 1996. "Computer Hardware-Storage and Retrieval" - Ophthalmic Photographers' Society Midyear Meeting., Rochester Institute of Technology.

June 1996. "Electronics in Ophthalmic Imaging" - Ophthalmic Photographers' Society Midyear Meeting., Rochester Institute of Technology.

June 7, 1996. "Acquisition Systems, Digital" - Ophthalmic Photographers' Society Midyear Meeting, Rochester Institute of Technology

1995. "Digital Imaging – Equipment Selection" – OPS 1995 Digital Imaging Workshop, M E Tyler.

November 1993. "Electronic Imaging Workshop," Ophthalmic Photographers' Society, Chairperson and Lecturer.

November 1993. "Camera Systems and Maintenance Tips," Ophthalmic Photographers' Society.

November 1992. "Developing a Database for Ophthalmic Photography." Ophthalmic Photographers' Society.

November 1992. "Establishing an Ophthalmic Video System: Selection of camera, format, and editing systems. Equipment comparison and cost analysis. " . American Academy of Ophthalmology. Invited Lecturer

June 18, 1992. "Department Database System" Ophthalmic Photographers' Society and Brooks Institute.

October 1991. "Setting up an ophthalmic video system." . American Academy of Ophthalmology. Anaheim. Invited Lecturer.

October 1991. "Setting up an ophthalmic video system." . American Academy of Ophthalmology. Invited Lecturer.

October 1991. "Electronic imaging panel moderator." Ophthalmic Photographers' Society.

October 1991. "Stereo photography." Workshop Faculty, Ophthalmic Photographers' Society.

October 1989. "Ophthalmic video workshop." Ophthalmic Photographers' Society, Faculty.

May 1989. "Advanced course in ophthalmic photography." Ophthalmic Photographers' Society, Faculty.

October 1988. "Neitz retro-illumination camera." Ophthalmic Photographers' Society Instrumentation Session.

October 1988. "Professional advancement." Ophthalmic Photographers' Society Roundtable.

October 1988. "Ten ideas in five minutes." Ophthalmic Photographers' Society, Instrumentation Session.

October 1988. "Fundus Photography Workshop." Ophthalmic Photographers' Society, Faculty.

October 1988. "Practical design and operation of an ophthalmic photography department." Roundtable moderator, Ophthalmic Photographers' Society,

November 11, 1987. "Ophthalmic Diagnosis Lookup System, Using dBase III+ and ICD-9 CM." Instrumentation Session, Ophthalmic Photographers' Society.

November 11, 1987. "Quick Release Electric Plug for Nikon F-3 and MD-4." Instrumentation Session, Ophthalmic Photographers' Society.

November 11, 1987. "Patient Database Using dBase III+." Instrumentation Session, Ophthalmic Photographers' Society.

November 9-10, 1986. "Advanced Fundus Photography." Workshop Instructor, Ophthalmic Photographers' Society Meeting.

November 11, 1986. "Positive Transparency Contacts of Fluorescein Angiography Negatives: A Comparison of Materials Including Kodak Technical Pan 4415." Ophthalmic Photographers' Society Meeting.

November 14, 1984. "Remote Videorecording Through the Operating Microscope." Instrumentation Session, Ophthalmic Photographers' Society.

November 12, 1984. "Advanced Fundus Photography." Workshop Instructor, Ophthalmic Photographers' Society.

November 2, 1983. "Video Camera Adapter for Laser Photocoagulation." Instrumentation Session, Ophthalmic Photographers' Society.

November 3, 1982. "Glass Slide-mounts, Using a Hyperdermic Needle as a Mounting Aid." Instrumentation Session, Ophthalmic Photographers' Society.

November 5, 1981. "General Troubleshooting." Course, Ophthalmic Photographers' Society.

November 3, 1981. "Advanced Photographic Principles." Course, Ophthalmic Photographers' Society.

October 23, 1978. "Troubleshooting Electronics: A Guide for the Beginner." Ophthalmic Photographers' Society.

September 1978. "Ophthalmic Photography Fundus Camera Maintenance & Electronic Troubleshooting" Ophthalmic Photographers' Society. M E Tyler.

October 1977. "Stereo Fundus Photography for Increased Depth-of-focus." Ophthalmic Photographers' Society.

September 1977. "Electronics Troubleshooting." Ophthalmic Photographers' Society.

November 1976. "Anterior Segment Fluorescein Angiography: A Modified Zeiss Photo Slit-Lamp." Anterior Segment Photography Workshop, University of Arizona.

October 1974. "Slit Lamp Photography." Ophthalmic Photographers' Society.

October 1974. "Stereo Sequence Programmer for Use with Photographic Retinal Fluorescein Angiographic Equipment." Ophthalmic Photographers' Society.

August 1974. "Sensitometric Approach to Unusual Film/Developer Combinations." Biological Photographic Association.

September 1972. "Anterior Segment Fluorescein Angiography." Ophthalmic Photographers' Society.

REGIONAL:

July 9, 2008. "Photography". WFU- Eye Center. Ophthalmology Conference. M E Tyler.

September 23, 2006. Photographic retinal screening for diabetic retinopathy: The experiences of a new program in North Carolina - I see in NC, M E Tyler, CRA, FOPS, Hilton Head Regional Education Program.

February 23, 2005. "Stereo Fluorescein and ICG Angiography: A Stereo Monograph" – University of West Virginia, Ophthalmology Rounds.

February 23, 2005. "Creating Stereo Chromatic Anaglyphs" – University of West Virginia, Ophthalmology Rounds.

February 23, 2005. "Hypertension and Retinal Screening" – University of West Virginia, Ophthalmology Rounds

October 21 - 23, 2000. "Financial Management for Retirement Planning. Introduction to Digital Fundus Photography and Digital Fundus Photography Workshops. OPS. Dallas.

March, 2000. "Creating Stereo Anaglyphs in Photoshop" - New England Chapter of the Ophthalmic Photographers' Society, Lebanon, NH.

October 1999. "Financial Management for Retirement Planning. Ophthalmic Photographers' Society, 30<sup>th</sup> Annual Meeting, Orlando, FL

October 1999. "Digital Imaging". Ophthalmic Photographers' Society, 30<sup>th</sup> Annual Meeting, Orlando, FL

April 27, 1984. "Techniques of Retinal Photography and Fluorescein Angiography." Laser and Retinal Disease (Course), Bowman Gray School of Medicine.

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*Stereo Atlas of Fluorescein and Indocyanine Green Angiography*: Stevenson, Saine & Tyler, Butterworth-Heinemann. ©1999

*Ophthalmic Photography: A Textbook of Retinal Photography, Angiography and Digital Imaging*, Saine, PJ; Tyler, ME; Butterworth-Heinemann © 1997

BOOK CHAPERS:

2007 *Slit Lamp Examination & Photography, revised expanded 3<sup>rd</sup> Edition*; Time One Ink © 2007; Chapter 8; Stereo and Digital Imaging with the Photo Slit Lamp Biomicroscope.

BOOK CONTRBUTIONS: Photographer

*Textbook of Ophthalmology*, Mosby 1994, Volume 9, Retina and Vitreous, ME Tyler.

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VIDEOTAPES:

*USING THE ZEISS 450 FUNDUS CAMERA*, HUMPHREY-ZEISS; (AUTHOR & TALENT) 2001

JOURNAL ARTICLES:

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Tyler ME; 2009 Scientific Exhibit, Best of Show, Stereo Slides, External Photography, Basal Cell Carcinoma in Vivo; Journal of Ophthalmic Photography, V32, 2, Fall 2010, Cover

Tyler ME; 2009 OPS Scientific Exhibit, First Place, Print Division, Special Effects Photography, Dislocated IOL with Lens Capsule Remnant, Journal of Ophthalmic Photography, V32, 2, p78

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- 2008            The 22<sup>nd</sup> Annual Wake Forest University Eye Center Conference Brochure – Cover Image
- 2005            WFUBMC in the NEWS, Highlights of National News Coverage. Photography –  
                    “Humidity Affects Lasik Results. (April 2005)
- 2004            *Focal Point – WF – Eye Center. Best of Show – Ophthalmic Photographers’ Society – 107<sup>th</sup>  
Annual Meeting fo the AAO – “In Vivo Anterior Segment Foreign Body” XIII (1): Winter  
2004.*
- 2003            *Physicians Directory – WFUSM – Eye Center. Cornea Image “Retinalmap” – front cover.*

ARTICLE REVIEWER:

POSTERS:

October 15-18, 2005 – AAO – Intraluminal Pressure Characteristics of the Modified Bacrveldt Tube Shunt – A  
Comparison of Needle Perforation and Venting Slit Techniques” – D D Gilbert, MD; J B. Bond. (M Tyler-  
Poster-preparation), Chicago IL.

COMMUNITY SERVICE:

2002 – Present: Clean Water for North Carolina; Board Member  
2003 – Present: Mocksville Lions Club; Photographer and webmaster:    [www.MocksvilleLions.org](http://www.MocksvilleLions.org)  
1984 – Present: Davie Environmental Awareness League (DEAL), founder & spokesperson  
1976 – 1981, 2005-Present Citizens Against Perkins (CAP) [Nuclear Reactor]

PERSONAL INTERESTS:

Panoramic photography  
Digital Imaging: Photoshop<sup>®</sup>, Powerpoint<sup>®</sup>  
Web Design: DreamWeaver<sup>®</sup>  
Stereo photography  
Energy Efficient/Solar Home Designing  
SCUBA Diving, Sailing