



STATE BOARD OF OPTOMETRY
 2450 DEL PASO ROAD, SUITE 105, SACRAMENTO, CA 95834
 P (916) 575-7170 F (916) 575-7292 www.optometry .ca.gov



Continuing Education Course
 Approval Checklist

Title:

Provider Name:

Completed Application

Open to all Optometrists? Yes No

Maintain Record Agreement? Yes No

Correct Application Fee

Detailed Course Summary **Explanation letter for not supplying summary, outline & presentation material is attached.**

Detailed Course Outline

PowerPoint and/or other Presentation Materials

Advertising (optional)

CV for EACH Course Instructor

License Verification for Each Course Instructor

Disciplinary History? Yes No



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2016 JUL 15

CONTINUING EDUCATION COURSE APPROVAL APPLICATION

\$50 Mandatory Fee

Pursuant to California Code of Regulations (CCR) § 1536, the Board will approve continuing education (CE) courses after receiving the applicable fee, the requested information below and it has been determined that the course meets criteria specified in CCR § 1536(g).

In addition to the information requested below, please attach a copy of the course schedule, a detailed course outline and presentation materials (e.g., PowerPoint presentation). Applications must be submitted 45 days prior to the course presentation date.

Please type or print clearly.

Course Title <u>LLU EYE INSTITUTE : GRAND ROUNDS</u>	Course Presentation Date 09012016 TO 08/31/2017
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Course Provider Contact Information

Provider Name <u>LOMA LINDA UNIVERSITY EYE INSTITUTE</u>	(First)	(Last)	(Middle)
Provider Mailing Address Street <u>11370 Anderson St.</u> City <u>LOMA LINDA</u> State <u>CA</u> Zip <u>92354</u>			
Provider Email Address <u>JPOLANCO@LLU.EDU / 909.558.2076</u>			
Will the proposed course be open to all California licensed optometrists?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
Do you agree to maintain and furnish to the Board and/or attending licensee such records of course content and attendance as the Board requires, for a period of at least three years from the date of course presentation?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

Course Instructor Information

Please provide the information below and attach the curriculum vitae for each instructor or lecturer involved in the course. If there are more instructors in the course, please provide the requested information on a separate sheet of paper.

Instructor Name <u>MICHAEL</u> (First)	<u>RAUSER</u> (Last)	<u>E</u> (Middle)
License Number <u>85469</u>	License Type <u>CI / MD</u>	
Phone Number <u>(909) 558.2112</u>	Email Address <u>MRAUSER@LLU.EDU</u>	

I declare under penalty of perjury under the laws of the State of California that all the information submitted on this form and on any accompanying attachments submitted is true and correct.

Michael Rauser
Signature of Course Provider

7/11/16
Date



REQUEST FOR 1.5 HOURS CE

Grand Rounds Presentations

DATE(s): September 1, 2016 - August 31, 2017 – 1st & 3rd Wednesday(s) of month

TIME: 7:00 AM – 8:30 AM

SPEAKER(s): Physicians, Residents, Guest Speakers

TOPIC(s): *Variety of Ophthalmology case presentations and educational topics*

Statement of Purpose or Overall Objective:

Upon Completion of this conference, the participant(s) will be able to:

- To disseminate current knowledge in the field of Ophthalmology.
- To address consensus and controversy in clinical diagnosis and treatment of ophthalmic disorders.
- To know the differential diagnosis and treatment options for usual and important ophthalmic disorders.

Organizing Department: LLU Eye Institute

Location of Program: Loma Linda University Eye Institute
11370 Anderson St., Suite #1800, Loma Linda, CA 92354

Faculty Coordinator: *Michael E. Rauser, M.D. / Priscilla K. Luke, M.D.*

Contact Person: *Jason Polanco*
Tel: 909. 558.2076 - Fax: (909) 558-2506 - e- JPolanco@llu.edu

Dear Optometric Board,


Attached is the application that was previously submitted to request 1.5-hours of CE for an entire year of LLU Eye Institutes Grand Rounds. Grand Rounds are regularly scheduled conferences held every 1st and 3rd Wednesday of each month from 7:00am – 8:30am. They are hosted by the department and are open to ophthalmologists, residents, community optometrists and medical students as a form of continuing education.

Due to the nature of Grand Rounds the speakers and topics cannot be determined in advance making it difficult to provide supplemental information with the application.

Most topics are generated by patients seen recently within the clinic, hospital, and/or ER setting, and the presentations are created within days – weeks of the Grand Rounds date.

Please consider this in the approval process of this application.

Sincerely,



Michael Rauser, MD
Chairman, LLU Eye Institute
Associate Professor, LLU SOM Ophthalmology



CURRICULUM VITAE

Michael E. Rauser, MD

DEMOGRAPHIC AND PERSONAL INFORMATION

Home Address

714 East Sunset Drive N.
Redlands, CA 92373

Office address

Loma Linda University Eye Institute
11370 Anderson St., Ste. #1800
Loma Linda, CA 92354
Tel. 909.558.2182
Fax. 909.558.2506
MRauser@llu.edu

Citizenship: U.S.A.

Birthplace and birthdate: Baltimore, Maryland, November 18, 1964

EDUCATION AND TRAINING

<i>Year</i>	<i>Degree/Certification</i>	<i>Institution</i>	<i>Discipline</i>
06/1982-05/1986	B.A.	University of Maryland	Biology
05/1986-05/1990	MD	University of Maryland SOM	Medicine
06/1990-06/1991	Internship	Mount Sinai Medical Center, FL	Internal Medicine
07/1991-06/1994	Residency	University of Maryland	Ophthalmology
07/1994-06/1995	Fellowship	Mayo Clinic, Rochester, MN	Retina & Vitreous Surgery

PRIVATE PRACTICE

07/1995 – 11/1999 Albert Lea Eye Clinic – Mayo Health System, Albert Lea, MN
12/1999 – Current Loma Linda University Eye Institute, Loma Linda, CA

CLINICAL AREAS OF EXPERTISE

I currently practice comprehensive ophthalmology with a subspecialty emphasis in medical retina. My areas of expertise are Cataract Surgery, Medical Retina (treatment of diabetic retinopathy, age-related macular degeneration, vein occlusion), & Retinopathy of Prematurity.

SPECIALTY BOARD CERTIFICATION

1996 American Board of Ophthalmology – Initial Certification
 2005 American Board of Ophthalmology – Recertification
 2015 American Board of Ophthalmology – Recertification (01/01/2017 – 12/31/2026)

CURRENT ACADEMIC APPOINTMENT

July 2005 – Current Associate Professor, LLU SOM Ophthalmology

PAST ACADEMIC APPOINTMENTS

2000 – 2002 Assistant Clinical Professor, LLU SOM Ophthalmology
 2002 – 2005 Assistant Professor, LLU SOM Ophthalmology

CURRENT ADMINISTRATIVE APPOINTMENTS

01/2014 – Current Chairman, LLU Eye Institute

PAST ADMINISTRATIVE APPOINTMENTS

07/2013 – 06/2014 Associate Residency Program Director, LLU Eye Institute
 07/2002 – 06/2013 Residency Program Director, LLU Eye Institute
 07/2006 – 12/2013 Vice Chair for Clinical Affairs, LLU Eye Institute

MEDICAL LICENSES

California 1999 - Active
 Iowa 1998 - Inactive
 Minnesota 1994 - Inactive

CERTIFICATIONS

American Board of Ophthalmology
 May 1996 Certification
 May 2005 Re-certification

HOSPITAL APPOINTMENTS

Inactive, Ophthalmologist, Albert Lea Eye Clinic – Mayo Health System 1995-1999
 Attending, Ophthalmologist, LLU Eye Institute December 1999 – Current
 Active Member, Loma Linda University Medical Center January 28, 2000 – Current
 Active Member, Riverside County Regional Medical Center February 27, 2001 – Current

Active Member, Saint Bernadine's Hospital October 1, 2002 – Current
 Inactive Member, Catalina Island Medical Center 2007 – 2008
 Active Member, Highland Springs Surgical Center May 11, 2009 – Current
 Active Member, Parkview Medical Center 2013 – Current

HONORS AND AWARDS

1986 Magna cum laude graduate, University of Maryland Baltimore County, Baltimore, MD
 1989 Alpha Omega Alpha (AOA), Beta Chapter, Junior Year
 1989 – 1990 Who's Who Among Students in American Colleges and Universities
 1990 Cum Laude graduate, University of Maryland SOM

ACADEMIC & ADMINISTRATIVE COMMITTEE ACTIVITIES AT LOMA LINDA

Loma Linda University Eye Institute

- Member, Academic Committee
- Member, Clinical Competency Committee
- Member, Program Evaluation Committee
- Member, Promotions Committee
- Member, Residency Review & Selection Committee
- Member, Research Committee
- Chair, Faculty Committee
- Member, Annual Postgraduate Convention Ophthalmology Planning Committee
- Member, Clinic Efficacy Committee
- Member, Compensation Committee
- Member, Electronic Medical Records Committee
- Member, Retina Fellow Review & Selection Committee
- Member, Marketing Committee
- Member, Operations Committee
- Director, Optometry Symposium Planning Committee
- Member, Website Planning Committee
- Member, Resident Research Symposium Planning & Implementation Committee
- Member, Strategic Planning Committee
- Chair, Cataract Surgeons' Committee
- Member, Annual Planning Evaluation (APE) Committee
- Member, Quality Assurance Committee (QA)
- Member, Loma Linda University International Institute of Eye Sciences (LLUIIES)

Loma Linda University

- Member, Loma Linda University Faculty Medical Group Board Committee

Loma Linda University Medical Center

- Member, Medical Staff Executive Committee

Highland Springs Surgical Center

- Associate Chair - Medical Executive Committee
- Member – Board of Managers

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

- Member, American Academy of Ophthalmology 1991-Current
- Member, Association for Research in Vision & Ophthalmology 2002 - Current

JOURNAL EDITOR/REVIEWER

- None at this time

EXTRAMURAL GRANTS

Principal Investigator

Percentage of time invested: 100%

- \$111,689.00 – EMMES Corporation
- \$16,125.84 – University of Wisconsin, Madison
- \$30,140.00 – Pfizer

Co-Investigator

Percentage of time invested: 80%

- \$5,262.67 – JAEB Center
- \$69,762.67 – JAEB Center
- \$3,427.00 – JAEB Center
- \$15,906.66 – JAEB Center
- \$5,730.50 – JAEB Center
- \$1,579.50 – JAEB Center
- \$21,352.00 – JAEB Center
- \$275,746.88 – JAEB Center
- \$34,459.75 – JAEB Center
- \$2,719.25 – JAEB Center
- \$1,438.00 – JAEB Center
- \$41,311.25 – JAEB Center
- \$13,523.80 – JAEB Center
- \$21,941.70 – JAEB Center
- \$42,155.05 – JAEB Center
- \$17,031.80 – JAEB Center

INTRAMURAL GRANTS

- None at this time

CLINICAL TRIAL EXPERIENCE

Site Principal Investigator

January 2005 – May 2009

Standard of Care vs. Corticosteroid for Retinal Vein Occlusion (SCORE Study) – Sponsor – National Eye Institute

May 2005 - June 2006

A Phase 2 Multi-Center Randomized, Masked, Controlled Study of MSI- 1256F (Squalamine lactate) for the Treatment of Subfoveal Choroidal Neovascularization Associated with Age-Related Macular Degeneration – sponsor –Genaera (Study completed)

January 2006 - 2009

(A Randomized, Double-Masked, Parallel Group, Multi-Center, Dose-Finding Comparison of the Safety and Efficacy of ASI-001A 0.5 µg/day and ASI-001B 0.2 µg/day Fluocinolone Acetonide Intravitreal Inserts to Sham Injection in Subjects with Diabetic Macular Edema

October 2006 - 2012

Age Related Eye Disease 2 Study – National Eye Institute Study: Multi-center, randomized trial designed to assess the effects of oral supplementation of macular xanthophylls (lutein and zeaxanthin and/or long-chain omega-3 fatty acids on the progression to advanced AMD)

2010 – 2012

ForeseeHome study- Home Vision Monitoring in the Age-Related Eye Disease Study 2 (AREDS2) for Progression to Neovascular AMD Using the ForeseeHome Device- Sponsor- National Eye Institute

2014- present

SCORE2 study – Study of Comparative Treatments in Retinal Vein Occlusion 2 - Sponsor- National Eye Institute

2014-present

A Prospective, Multicenter Post-Approval Study (PAS) Of The Implantable Miniature Telescope (by Dr. Isaac Lipshitz) In patients With Bilateral Severe To Profound Central Vision Impairment Associated With End-Stage Age-Related Macular Degeneration Protocol IMT-PAS-01 – Centrasight post-FDA approval Phase 4 study

Co-Investigator

2004 - 2006

Diabetic Retinopathy Clinical Research Network - A Pilot Study of Laser Photocoagulation for Diabetic Macular Edema – Protocol A; Sponsor – National Eye Institute

2004 - 2007

Diabetic Retinopathy Clinical Research Network A Randomized Trial Comparing Intravitreal Corticosteroids and Laser Photocoagulation for Diabetic Macular Edema – Protocol B; Sponsor National Eye Institute

2004 - 2006

Anti-Human VEGF Antibody Fab for the Treatment of Subfoveal Choroidal Neovascularization (PIER Trial) Sponsor-Genentech

2005 - 2008

Regeneron (Title: An exploratory study of the safety, tolerability and biological effect of intravitreal administration of VEGF trap in patients with neovascular age-related macular degeneration - sponsor: Regeneron)

2005 - 2007

DRCR- Protocol E - Peribulbar (Title: A Pilot Study of Peribulbar Triamcinolone Acetonide for Diabetic Macular Edema - sponsor: NEI/NIH) Protocol E

2004 - 2006

Acular Study Title: Pretreatment with ketorolac tromethamine and prednisolone acetate for Diabetics Undergoing Cataract Surgery - sponsor: LLU Ophthalmology Department

2005 - 2006

Oxigene (Title: A Phase II, Dose Ranging, Multi-Center Study to Evaluate the Safety and Efficacy of Combretastatin A4 Phosphate for Treating Subfoveal Choroidal Neovascularization (CNV) in Subjects with Pathologic Myopia (Amendment 1 May 11, 2005, Original Protocol November 23, 2004 - sponsor: Oxigene)

2005 - 2006

Allergan DME: (Title: A 3-Year, Phase 3, Multicenter, Masked, Randomized, Sham-Controlled Trial to Assess the Safety and Efficacy of 700 µg and 350 µg Dexamethasone Posterior Segment Drug Delivery System (DEX PS DDS Applicator System) in the Treatment of Patients with Diabetic Macular Edema – sponsor: Allergan)

2005 - 2008

Allergan RVO: (Title: A Six-Month, Phase 3, Multicenter, Masked, Randomized, Sham-Controlled Trial (with Six-Month Open-Label Extension) to Assess the Safety and Efficacy of 700 µg and 350 µg Dexamethasone Posterior Segment Drug Delivery System (DEX PS DDS) Applicator System in the Treatment of Patients with Macular Edema Following Central Retinal Vein Occlusion or Branch Retinal Vein Occlusion - sponsor: Allergan)

2005 - 2007

DRCR-Vitreectomy Protocol D (Title: Evaluation of Vitrectomy for Diabetic Macular Edema Study – sponsor: NEI/NIH)

2005 – 2007

DRCR- PRP: Protocol F (Title: An Observational Study of the Development of Diabetic Macular Edema Following Scatter Laser Photocoagulation - sponsor: NEI/NIH)

2005 - 2009

DRCR.Net Protocol G: Subclinical DME: (Title: Subclinical Diabetic Macular Edema Study- sponsor: NEI/NIH)

2005 - 2011

Regeneron 0605 (Title: An exploratory study of the safety, tolerability and biological effect of intravitreal administration of VEGF trap in patients with neovascular age-related macular degeneration - sponsor:

Regeneron)

2006 - 2008

Avastin and Diabetic Macular Edema Study – Phase 2 study DRCR.NET Protocol H

2007- Present

Laser – Ranibizumab – Triamcinolone for DME Study DRCR.NET Protocol I

2007- 2009

Laser – Ranibizumab – Triamcinolone for DME Plus PRP Study DRCR.NET Protocol J

2010- 2012

Intravitreal Ranibizumab for Vitreous Hemorrhage from PDR Study DRCR.NET Protocol N study

2008-2010

Cataract Surgery with Center-Involved DME Study DRCR.NET Protocol P Study

2008-2010

Cataract Surgery without Center-Involved DME Study – DRCR.NET Protocol Q study

2011- Present

Phase II non-Central DME NSAID Study DRCR.NET Protocol R study

2012- Present

Prompt Panretinal photocoagulation versus Intravitreal Ranibizumab with deferred Panretinal Photocoagulation for Proliferative Diabetic Retinopathy - DRCR.NET Protocol S study

2012- Present

Genes in Diabetic Retinopathy Project - DRCR.NET study

2013- Present

A Comparative Effectiveness Study of Intravitreal Aflibercept, Bevacizumab, and Ranibizumab for Diabetic Macular Edema - DRCR.NET Protocol T study

2014 – Present

Short-term Evaluation of Combination Corticosteroid+ Anti-VEGF Treatment for Persistent Central-Involved Diabetic Macular Edema Following Anti-VEGF Therapy DRCR.NET Protocol U study

2014- Present

Treatment for Central-Involved Diabetic Macular Edema in Eyes with Very Good Visual Acuity - DRCR.NET Protocol V study

2015- Present

A Two-Year, Randomized, Double-Masked, Multicenter, Three-Arm Study Comparing the Efficacy and Safety of RTH258 versus Aflibercept in Subjects with Neovascular Age-Related Macular Degeneration – Alcon sponsored study

BOOKS, CHAPTERS

Howard V Gimbel MD, Sandra J. Sofinski MD, Katerina Kurteeva, **Michael Rauser MD** AdvanTEC Legacy System and the NeoSoniX Handpiece. *Opinion of Ophthalmology* 2003

PUBLICATIONS

Hosmane RS, Bhan A, **Rauser ME**, Facile Conversation of 4(5)-nitro-5(4)-methylimidazoles into 4(5)-nitro-5(4)-cyanoimidazoles, *Journal of Organic Chemistry*, 1985 December, Vol 50, Issue 26: 5892-5895

Hosmane RS, Burnett F, **Rauser ME**, Son C, Lim B, "Fat" Nucleosides and Nucleotides I. Abstract, Tenth International Congress of Heterocyclic Chemistry, 1985

Hosmane RS, Bhan A, **Rauser ME**, Models for "Fat" Nucleosides and Nucleotides: Synthesis of "Fat" Xanthine (fX), "Fat" Guanine (fG), and "Fat" Hypoxanthine (fHx) analogues of the Imidazo, 1986, (4,5-e) (1,4) Diazepine System, *Heterocycles* 24:2743-2748

Guth L, Albers W, Barrett C, Donati E, **Rauser ME**, Quantitative Evaluation of Axonal Regeneration by Immunocytochemical Assay for Neurofilament Protein, *Experimental Neurology*, 1988, 100:83-87

Rauser ME, Rismondo V, Ischemic Optic Neuropathy during Corticosteroid Therapy for Giant Cell Arteritis, *Archives of Ophthalmology*, 1995 June, 113: 707-708

Gimbel HV, Sofinski SJ, Kurteeva K, **Rauser M**, AdvanTec Legacy System and the neoSoniX handpiece, *Current Opinion Ophthalmology*, 2003 February, 14(1):31-34

Gimbel HV, Hedayi R, King J, **Rauser, M**, Capsular Membrane Optic Capture for Secondary Stabilization of Sulcus-Positioned Intraocular Lenses, *Journal of Cataract and Refractive Surgery*, July 2003

Chakrabarty A, Tying SK, Beutner K, **Rauser M**, Recent Clinical Experience with Famciclovir – a “Third Generation” Nucleoside Prodrug, *Antiviral Chemistry and Chemotherapy*, 2004 September, 15(5):251-253

Chakrabarty A, Pang KR, Wu JJ, Narvaez J, **Rauser M**, Huang DB, Beutner KR, Tying SK, Emerging therapies for herpes viral infections (types 1 - 8), *Expert Opin Emerg Drugs*, 2004 Nov, 9(2):237-56.

Browning DJ, Glassman AR, Aiello LP, Beck RW, Brown DM, Fong DS, Bressler NM, Danis RP, Kinyoun JL, Nguyen QD, Bhavsar AR, Gottlieb J, Pieramici DJ, **Rauser ME**, Apte RS, Lim JI, Miskala PH, Relationship between optical coherence tomography-measured central retinal thickness and visual acuity in diabetic macular edema, *Ophthalmology*, 2007 March, 114(3):525-36

Chan CK, Meyer CH, Gross JG, Abraham P, Nuthi AS, Kokame GT, Lin SG, **Rauser ME**, Kaiser PK, Retinal Pigment Epithelial Tears After intravitreal Bevacizumab Injection for Neovascular Age-Related Macular Degeneration, *Retina*, 2007 June, 27(5):541-51

Alasil T, **Rauser ME**, Intravitreal Bevacizumab in the treatment of neovascular glaucoma secondary to central retinal vein occlusion: a case report, *Cases Journal*, 2009 October, 30;2:176

Chan CK, Abraham P, Meyer CH, Kokame GT, Kaiser PK, **Rauser ME**, Gross JG, Nuthi AS, Lin SG, Daher NS, Optical coherence tomography-measured pigment epithelial detachment height as a predictor for retinal pigment epithelial tears associated with intravitreal bevacizumab injections, *Retina*. 2010 Feb, 30(2):203-11

Narváez J, Kronberg BP, Park H, Zumwalt JR, Wong B, Bacon G, **Rauser M**, Hoehn AS, Eiseman H, Zimmerman G, Pupil dilation using a standard cataract surgery regimen alone or with atropine 1.0% pretreatment: prospective comparative evaluation, *J Cataract Refract Surg*, 2010 April, 36(4):563-7

Thomas WJ, **Rauser M**, Dovich JA, Dustin L, Flaxel CJ, Oxygen saturation in premature infants at risk for threshold retinopathy of prematurity, *Eur J Ophthalmology*, 2011 March-April, 21(2):189-93

Alasil T, Khazai B, Loredó L, **Rauser ME**, Renal cell carcinoma metastasis to the ciliary body responds to proton beam radiotherapy: a case report, *J Med Case Reports*, 2011 August, 3;5:345

Collaborators (23), Lutein + zeaxanthin and omega-3 fatty acids for age-related macular degeneration: the Age-Related Eye Disease Study 2 (AREDS2) randomized clinical trial, *JAMA Ophthalmology*, 2013 May, 15;309(19):2005-15

Collaborators (23), Lutein/zeaxanthin for the treatment of age-related cataract: AREDS2 randomized trial report no. 4, *JAMA Ophthalmology*, 2013 July, 131(7):843-50

Collaborators (1006), Methods and reproducibility of grading optimized digital color fundus photographs in the Age-Related Eye Disease Study 2 (AREDS2 Report Number 2), *Invest Ophthalmol Vis Sci*, 2013 July, 8;54(7):4548-54

Diabetic Retinopathy Clinical Research Network Authors/Writing Committee, Baker CW, Almkhatar T, Bressler NM, Glassman AR, Grover S, Kim SJ, Murtha TJ, **Rauser ME**, Macular edema after cataract surgery in eyes without preoperative central-involved diabetic macular edema, *JAMA Ophthalmology*, 2013 July, 131(7):870-9

ELECTRONIC PUBLICATIONS

Browning DJ, Glassman AR, Aiello LP, Beck RW, Brown DM, Fong DS, Bressler NM, Danis RP, Kinyoun JL, Nguyen QD, Bhavsar AR, Gottlieb J, Pieramici DJ, **Rauser ME**, Apte RS, Lim JJ, Miskala PH, Diabetic Retinopathy Clinical research Network; Relationship between optical coherence tomography-measured central retinal thickness and visual acuity in diabetic macular edema; *Ophthalmology* 2007 Mar;114(3):525-36, Epub 2005 Nov 21

ABSTRACT AND POSTER PRESENTATIONS

Anterior Capsule Contraction Syndrome with the Acrysof SA60AT Acrylic lens; Carlindo Da Reitz Pereira, M.D., **Michael Rauser, M.D.** ARVO poster presentation, May 4, 2003

Immediate Pre-Laser Oxygen Saturations, Birthweight and Gestational Ages as Predictive Factors for Retinopathy of Prematurity (ROP) Progression; William Thomas, M.D., **Michael Rauser, M.D.** ARVO poster presentation, May 4, 2003

Evaluation of higher order aberrations In the Tecnis Z9000 and Acrysof SA60AT; J.C. Hartley, M.D., M.E. **Rauser, M.D.**, M.S. Niemeyer, M.D., H.V. Gimbel, M.D. ARVO poster presentation, April 26, 2004

Evidence Based Screening Criteria for Retinopathy of Prematurity - The Loma Linda Experience; **M.E. Rauser, M.D.**, M.S. Niemeyer, M.D. ARVO poster presentation, April 28, 2004

Anterior Capsule Contraction Syndrome with the Acrysof SA60AT lens – A Comparison of Surgical Techniques; P. Luke, M.D., **M. Rauser, M.D.** ARVO poster presentation, May 1, 2005

The Role of Intraoperative Pars Plana Intravitreal Kenalog During Cataract Extraction in Patients with Preoperative Clinically Significant Diabetic Macular Edema; J. Dovich, M.D., **M. Rauser, M.D.** ARVO poster presentation, May 1, 2005

Preliminary Study of the EYESI Ophthalmic Surgery Simulator; Robert M. Ford, M.D., **Michael Rauser, M.D.** ARVO poster presentation, May 2006

Short Term Visual Outcomes of the Alcon Toric Intraocular lens; Keith Tokuhara, M.D., **Michael Rauser, M.D.** ARVO poster presentation, April 27 2008

Prophylactic use of Intracameral Vancomycin in Cataract Surgery: a Retrospective Review of one Surgeon's Experience Supporting its Safety and Efficacy; David M. Skale, M.D., Tomas A. Lopez, **Michael E. Rauser, M.D.**, Carlo Manalo, Elliot Yoo. ARVO Poster Presentation, May 10, 2012

Intravitreal Ranibizumab for Diabetic Macular Edema with Prompt vs. Deferred Laser Treatment: 3 year results; **Michael Rauser, MD** for the Diabetic Retinopathy Clinical Research Network. ARVO Poster Presentation, May 5, 2013

Review of Ocular Findings in Patients With Orbital Wall Fractures: A 5 -Year Retrospective Analysis Heidi Eiseman; Michael E Rauser; Stephanie Terrill; So Eun Choi ARVO poster presentation May 2014

PAPER PRESENTATIONS

Anterior Capsule Contraction Syndrome with the Acrysof SA60AT Acrylic lens; Carlindo Da Reitz Pereira, M.D., **Michael Rauser, M.D.** AAO platform presentation, November 19, 2003

Kroll M, Narváez J, Nelson C, Kim D, **Rauser M.** Comparison of reading speed, near and intermediate visual acuities with the SA60AT and the posterior aspherical SN60WF intraocular lens. Presented as a paper in a symposium at the ASCRS annual meeting, March 19, 2006; San Francisco, CA. Awarded Best Paper of the Session.

ARTICLES WRITTEN

“Lifestyle changes may help prevent Diabetic Retinopathy” – The San Bernardino Sun – Feb 6, 2002

“Prevention of Macular Degeneration” – The San Bernardino Sun – June 26, 2003

Quarterly “Residency Report” – written in the Loma Linda University Department of Ophthalmology newsletter “Eye Contact” - Year 2003 – Present

Loma Linda University Nutrition and Health Letter – May 2004 “Ask the Expert” on “Macular Degeneration and Nutrition”

“Why Am I Losing My Central Vision?” - Tarek Alasil, MD, Jesse Knabb, Michael Rauser, MD, Morning Rounds EyeNet Magazine Feb 2011;

INVENTIONS, PATENTS, COPYRIGHTS

- None at this time

LECTURES AND CONFERENCES PRESENTED

YEAR 2000

02/16/2000 Diabetic Retinopathy – Primecare Riverside Staff (1/2 hour)
 07/07/2000 Fluorescein Angiography conference – Staff & Residents (1 hour)
 07/26/2000 Diabetic Eye Disease – Nursing Staff at FMO (1 hour)
 08/02/2000 Review of Retinal Disorders (AMD, Retinal Vein Occlusion, Retinal Detachment, and Retinal Tumors) - Loma Linda Ophthalmology 1st year Residents (2 hours)
 08/18/2000 Fluorescein Angiography conference – Staff & Residents (1 hour)
 09/01/2000 Ophthalmology for the Primary Care physician – Family Practice Residents and Attendings (1 hour)
 10/13/2000 The Aging Eye – Loma Linda Korean SDA Church (1 hour)
 11/06/2000 Ophthalmology Review – Loma Linda Korean SDA Church Pathfinder’s Group (1/2 hour)

YEAR 2001

01/17/2001 Age Related Macular Degeneration Part 1 – Loma Linda Ophthalmology Residents (1 hour)
 02/07/2001 Age Related Macular Degeneration Part 2 – Loma Linda Ophthalmology Residents (1 hour)
 02/25/2001 Cataract Extraction in Diabetics – A Retina Surgeon’s Perspective Loma Linda APC Lecture (1/2 hour)
 03/02/2001 The Aging Eye – Loma Linda Wellness Conference (1/2 hour)
 04/26/2001 Choroidal Neovascularization - Loma Linda Ophthalmology Residents (1 hour)
 06/01/2001 Grand Rounds Loma Linda FMO – Myopic Degeneration (1/2 hour)

- 06/15/2001 Fluorescein Angiography Conference - Loma Linda Ophthalmology Residents (1 hour)
- 07/06/2001 Ophthalmology for the Primary Care physician – Family Practice Residents and Attendings (1 hour)
- 08/01/2001 Diabetic Retinopathy - Loma Linda Ophthalmology Residents (1 hour)
- 08/01/2001 Review of Retinal Disorders (AMD, Retinal Vein Occlusion, Retinal Detachment, and Retinal Tumors) - Loma Linda Ophthalmology 1st year Residents (2 hours)
- 09/07/2001 Fluorescein Angiography Conference - Loma Linda Ophthalmology Residents (1 hour)
- 09/12/2001 Cataract Extraction in Diabetics – A Retina Surgeon’s Perspective Inland Empire Optometry Association (1 hour)
- 10/03/2001 Vascular Occlusive Diseases - Loma Linda Ophthalmology Residents (1 hour)
- 11/02/2001 Ophthalmology for the Internist – Internal Medicine Grand Rounds – Jerry L. Pettis VA Medical Center (1 hour)

YEAR 2002

- 01/04/2002 Fluorescein Angiography Conference - Loma Linda Ophthalmology Residents (1 hour)
- 02/01/2002 Fluorescein Angiography Conference - Loma Linda Ophthalmology Residents (1 hour)
- 02/07/2002 Age Related Macular Degeneration Part 1 – Loma Linda Ophthalmology Residents (1 hour)
- 02/13/2002 The Aging Eye – Senior citizens group –Butterfield hall Loma Linda Community Hospital (1 hour)
- 02/21/2002 Age Related Macular Degeneration Part 2 – Loma Linda Ophthalmology Residents (1 hour)
- 03/26/2002 Macular Degeneration and Cataracts - Highland Senior Center (1 hour)
- 03/27/2002 Diabetic Eye Disease - Senior citizens group –Butterfield hall Loma Linda Community Hospital (1 hour)
- 04/05/2002 Fluorescein Angiography Conference: Review for OKAP test - Loma Linda Ophthalmology Residents (1 hour)
- 04/11/2002 Macular Degeneration and Cataracts: Can Vision Loss be Prevented? Seminar at Redlands, CA SDA Church (1 hour)
- 04/14/2002 C & E Ocular Symposium: Macular Degeneration and Nutrition: Can Vision Loss be Prevented? Cataract Extraction in Diabetics – A Retina Surgeon’s Perspective Management of Eye Trauma (2 hours)
- 04/21/2002 Macular Degeneration: Can Vision Loss be Prevented? To Lion's Club at Loma Linda Ophthalmology Department (45 min)
- 04/28/2002 AREDS Study Results: Update on Macular Degeneration and Nutrition (15 minutes)
- 06/12/2002 Aging Eye part 3 –Macular Degeneration and Cataracts: Senior citizens group – Butterfield hall Loma Linda Community Hospital (1 Hour)
- 06/21/2002 Grand Rounds – Loma Linda Ophthalmology Department – Orbital Inflammatory Syndrome – Case presentation
- 07/05/2002 Fluorescein Angiography Conference – Intro to Fluorescein Angiography Loma Linda Ophthalmology Residents (1 hour)
- 07/24/2002 Diabetic Retinopathy and Retinal Vein Occlusion – 1st year resident lecture (1 hour)

- 07/31/2002 Macular Degeneration, Eye Tumors, Retinal Detachment - 1st year resident lecture (1 hour)
- 08/22/2002 Diabetic Retinopathy – Resident lecture (1hour)
- 09/06/2002 Fluorescein Angiography Conference – Loma Linda Ophthalmology Residents (1 hour)
- 10/02/2002 Retinal Disorders – The Role of the Primary Care physician Part 1– Internal Medicine Grand Rounds – Loma Linda University (1 hour)
- 10/04/2002 Fluorescein Angiography Conference – Loma Linda Ophthalmology Residents (1 hour)
- 10/16/2002 Retinal Disorders – The Role of the Primary Care physician Part 2– Internal Medicine Grand Rounds – Loma Linda University (1hour)
- 11/01/2002 Fluorescein Angiography Conference – Loma Linda Ophthalmology Residents (1 hour)
- 11/06/2002 Macular degeneration and cataracts – can vision loss be prevented? Highland Senior Center (1 hour)
- 11/20/2002 Macular degeneration and cataracts – can vision loss be prevented? Just For Seniors group –Loma Linda Senior Center (1.5 hours)
- 12/06/2002 Fluorescein Angiography Conference – Loma Linda Ophthalmology Residents (1 hour)
- 12/11/2002 Vision Loss in the Elderly – Just For Seniors group –Loma Linda Senior Center (1.5 hours)

YEAR 2003

- 01/03/2003 Fluorescein Angiography Conference – Loma Linda Ophthalmology Residents (1 hour)
- 02/07/2003 Fluorescein Angiography Conference – Loma Linda Ophthalmology Residents (1 hour)
- 02/09/2003 Choroidal Neovascularization – Part 1 - Resident Lecture (1 hour)
- 02/21/2003 Loma Linda Ophthalmology Grand Rounds – Case presentation- Myopic CNVM /PDT/Cataract surgery
- 03/07/2003 Fluorescein Angiography Conference – Loma Linda Ophthalmology Residents (1 hour)
- 03/09/2003 Diabetic Retinopathy, AMA, and Ocular Coherence Tomography – Inland Empire Optometric Society’s Second Annual CME Symposium – Ontario, CA (2 hours)
- 03/26/2003 Choroidal Neovascularization – Part 2 - Resident Lecture (1 hour)
- 04/04/2003 Fluorescein Angiography Conference – OKAP review – Loma Linda Ophthalmology Residents (1 hour)
- 04/11/2003 Fluorescein Angiography case presentations – VA Ophthalmology Grand Rounds
- 04/18/2003 Loma Linda Ophthalmology Grand Rounds – Case presentation- Pseudophakic CME
- 04/23/2003 Vision Loss in the Elderly – Just For Seniors group –Loma Linda Senior Center (1.5 hours)
- 05/02/2003 Resident Research Day – Loma Linda – State of the Residency Address
- 05/16/2003 Loma Linda Ophthalmology Grand Rounds – Case presentation- Update on AMD from ARVO – AMD and Nutrition and PDT therapy
- 09/06/2003 Ophthalmology for the Primary Care Physician – MS 3 quarterly Lecture (1 hour)

YEAR 2004

- 01/14/2004 Lecture to PA Students: "Ophthalmology for the Primary Care Physician" "Vision Loss in the Elderly"
- 02/18/2004 Macular Degeneration and Cataracts - Loma Linda Senior Center (1.5 hours)
- 03/07/2004 Loma Linda Annual Postgraduate Convention Conference – Ophthalmology Day "Cataract Surgery in the High Risk Retinal patient 2", "Macular Degeneration and Nutrition: Are We Properly Educating Our patients?"
- 03/18/2004 Loma Linda Annual Postgraduate Convention Conference – Macular Degeneration and Nutrition: Can Vision Loss be Prevented?
- 03/14/2004 Inland Empire Optometry Conference – Update on Macular Degeneration – 1 hour
- 04/02/2004 Fluorescein Angiography Conference – OKAP review – Loma Linda Ophthalmology Residents (1.5 hours)
- 05/21/2004 Loma Linda University Ophthalmology Grand Rounds – ARVO update
- 06/04/2004 State of the Residency – Resident Research Day- Loma Linda University
- 06/04/2004 Evidence Based Screening for Retinopathy of Prematurity - Resident Research Day- Loma Linda University
- 06/25/2004 Cataract Extraction in Patients with Diabetic Retinopathy – Canadian Rockies Symposium, Banff, Alberta, Canada (½ hour)
- 08/18/2004 "Ask the Doctor" Radio Program – Macular Degeneration and Nutrition
- 08/19/2004 How to Succeed in Clinical Practice – LLU Resident Lecture (1 hour)
- 09/30/2004 Macular Degeneration – Part 1 - LLU Ophthalmology Resident Lecture
- 10/08/2004 Ophthalmology for the Primary Care Physician – LLU Family Practice Residents (1 hour)
- 10/29/2004 Cataract Complications Video Review with Residents (1.5 hours)
- 10/31/2004 Cataract Surgery in the High Risk Retinal Patient – LLU Optometry Conference (1 hour)
- 11/09/2004 Ophthalmology for the Primary Care Physician – Internal Medicine Resident Lecture at VAMC (1 hour)
- 11/17/2004 Ophthalmology for the Primary Care Physician - Internal Medicine Resident Lecture at LLU (1 hour)
- 12/10/2004 Ophthalmology for the Primary Care Physician – MS 3 quarterly Lecture (1 hour)

YEAR 2005

- 01/05/2005 Coding Lecture to Ophthalmology Residents (1 hour)
- 01/12/2005 Ophthalmology for the Primary Care Physician And Vision Loss in the Elderly. PA Student Lecture series (2 hours)
- 01/19/2005 Retinal Disorders: The Role of the Primary Care Physician Management of Eye Trauma. PA Student Lecture series (2 hours)
- 03/07/2005 Macular Degeneration and Nutrition – Loma Linda APC Lecture (½ hour)
- 03/17/2005 Coding Lecture – Residents (½ hour)
- 03/17/2005 Practice Management Lecture (1 hour)
- 03/20/2005 Inland Empire Optometry Conference – Update on Macular Degeneration (1 hour)
- 04/01/2005 Fluorescein Angiography Conference – OKAP review – Loma Linda Ophthalmology Residents (1.5 hours)

- 05/12/2005 Review of the Eye and Eye safety – Redlands Adventist Academy 3rd Grade class (½ hour)
- 05/27/2005 State of the Residency – Resident Research Day- Loma Linda University
- 06/03/2005 Loma Linda Ophthalmology Grand Rounds – ARVO 2005 Update: Macular Degeneration Update
- 07/17/2005 C & E Optometry Symposium (Anaheim, CA) Diabetic Retinopathy 2005- What’s New, What’s Old; Update on Macular Degeneration (2 hours)
- 11/04/2005 Loma Linda Ophthalmology Grand Rounds – Fatigue
- 11/06/2005 Update on Macular Degeneration – Risk Factors and Preventative Therapy – Loma Linda University Department of Ophthalmology Fall 2005 Optometry Symposium
- 12/02/2005 Loma Linda Ophthalmology Grand Rounds - Prep for ACGME site visit

YEAR 2006

- 01/23/2006 Ophthalmology for the Primary Care Physician – MS 3 quarterly Lecture (1 hour)
- 02/09/2006 Ophthalmology for the Primary Care Physician And Vision Loss in the Elderly. PA Student Lecture series (2 hours)
- 02/16/2006 Retinal Disorders: The Role of the Primary Care Physician Management of Eye Trauma. PA Student Lecture series (2 hours)
- 03/05/2006 Review of Risk Factors and Prevention of AMD – Loma Linda APC Lectures – ½ hour; Corticosteroid Use During Cataract Surgery – ½ hour
- 06/02/2006 Resident Research Day Loma Linda University – State of the residency Address
- 06/16/2006 Loma Linda Ophthalmology Grand Rounds - ARVO Update 2006 and Neovascular Glaucoma and Avastin treatment
- 09/14/2006 Retina Basic Clinical Science Lecture – Hereditary Retinal and Choroidal Dystrophies (2 hours)
- 10/02/2006 San Diego Naval Medical Center Lecture Series: “Review of Risk Factors for AMD” (1 hour), “Cataract Surgery in the High Risk Retinal Patient” (1 hour), “Cataract Surgery Video Review” (2 hours)
- 11/05/2006 AMD Update Loma Linda University Department of Ophthalmology Fall 2006 Optometry Symposium

YEAR 2007

- 01/04/2007 Introduction to lasers – 1st year resident lecture
- 01/11/2007 Ophthalmology for the Primary Care Physician And Management of Eye Trauma. PA Student Lecture series(2 hours)
- 01/25/2007 Vision Loss in the Elderly and Retinal Disorders: The Role of the Primary Care Physician. PA Student Lecture series (2 hours)
- 11/04/2007 The Avastin Revolution: Shaken Baby Syndrome, Loma Linda University Department of Ophthalmology Fall 2007 Optometry Symposium (1 hour)

YEAR 2008

- 01/10/2008 Ophthalmology for the Primary Care Physician And Management of Eye Trauma. PA Student Lecture series (2 hours)

- 01/17/2008 Vision Loss in the Elderly and Retinal Disorders: The Role of the Primary Care Physician. PA Student Lecture series (2 hours)
- 05/2008 How to Succeed in Clinical Practice - Resident Lecture (1 hour)
- 05/23/2008 State of the Residency – Resident Research Day- Loma Linda University
- 11/02/2008 My Approach to the Cataract Patient 2008: Cataract Case Presentations.
Moderator Dr Rauser, Loma Linda University Department of Ophthalmology Fall 2008 Optometry Symposium

YEAR 2009

- 01/08/2009 Ophthalmology for the Primary Care Physician: “Management of Eye Trauma”, “Vision Loss in the Elderly”, “Retinal Disorders – The Role of the Primary Care Physician” PA Student Lecture series (3 hours)
- 05/22/2009 State of the Residency – Resident Research Day- Loma Linda University
- 06/04/2009 How to Succeed in Clinical Practice - Resident Lecture (1 hour)
Cataract Case Presentations - Resident lecture (1 hour)
- 11/01/2009 AMD Update- Loma Linda University Department of Ophthalmology. Fall 2009 Optometry Symposium
- 11/12/2009 Update on Cataract and AMD – Prevention and Treatment – Sun Lakes Country Club, Beaumont, CA

YEAR 2010

- 02/08/2010 Ophthalmology for the Primary Care Physician: “Management of Eye Trauma”, “Vision Loss in the Elderly”, “Retinal Disorders: The Role of the Primary Care Physician”. PA Students Lecture series (3 hours)
- 03/07/2010 Prevention of AMD Progression – Loma Linda University APC meeting
- 03/17/2010 Update on Cataract and AMD – Prevention and Treatment – Air Force West Center, Moreno Valley, CA
- 04/23/2010 Update on AMD - Prevention and Treatment – Loma Linda University – Open House Presentation
- 05/18/2010 Cataract Surgery in the High Risk Retinal Patient – Optometry CE lecture, Riverside, CA
- 05/28/2010 State of the Residency – Resident Research Day- Loma Linda University
- 06/18/2010 Hereditary Retinal and Choroidal Degenerations, etc – Resident lecture (2 hours)
- 11/06/2010 “The Anti-VEGF Revolution”, Department Updated, Loma Linda University Department of Ophthalmology, Fall 2010 Optometry Symposium

YEAR 2011

- 01/2011 Ophthalmology for the Primary Care Physician: “Management of Eye Trauma”, “Vision Loss in the Elderly”, “Retinal Disorders: The Role of the Primary Care Physician”. PA Student Lecture series (3 hours)
- 05/27/2011 State of the Residency – Resident Research Day- Loma Linda University
- 11/06/2011 “When is Macular Degeneration Not Macular Degeneration?” Department Update

Loma Linda University Department of Ophthalmology, Fall 2011 Optometry Symposium
 12/29/2011 Resident lectures: “How to build a successful practice”, “When is Macular Degeneration Not Macular Degeneration?” (2 hours)

YEAR 2012

01/25/2012 “Academic Improvement Plans” – Presentation at AUPO meeting – Miami, Florida
 02/02/2012 Ophthalmology for the Primary Care Physician: “Management of Eye Trauma”, “Vision Loss in the Elderly”, Retinal Disorders – The Role of the Primary Care Physician” PA Student Lecture series (3 hours)
 5/25/1012 State of the Residency – Resident Research Day- Loma Linda University
 07/08/2012 Southern California College of Optometry Annual Ocular disease Part 2
 “The Use of Anti-VEGF Agents in the Treatment of Retinal Disorders Cataract Surgery in the High Risk Retinal Patient” CE Program- Fullerton, CA
 07/19/2012 Professionalism in Ophthalmology– Resident lecture
 11/04/2012 “Update on the Current Management of Diabetic Retinopathy”, “Update on the Current Management of Acute Retinal Vascular Disorders”. “Department Update Loma Linda University Department of Ophthalmology” Fall 2012 Optometry Symposium

YEAR 2013

01/16/2013 Ophthalmology for the Primary Care Physician: “Management of Eye Trauma”, “Vision Loss in the Elderly”, “Retinal Disorders – The Role of the Primary Care Physician” PA Student Lecture series (3 hours)
 01/17/2013 Management of Eye Trauma – ER resident lecture
 03/03/2013 The Ocular Manifestations of the Metabolic Syndrome - Loma Linda University APC meeting
 05/25/2013 State of the Residency – Resident Research Day- Loma Linda University
 11/03/2013 “AREDS-2 Study Results, Implications on the Nutritional Management of Age-Related Macular Degeneration (ARMD)” ; “Department Update- LLU Dept of Ophthalmology” - Fall 2013 Optometry Symposium

Year 2014

01/8/2014 Ophthalmology for the Primary Care Physician: “Management of Eye Trauma”, “Vision Loss in the Elderly”, “Retinal Disorders – The Role of the Primary Care Physician” PA Student Lecture series (3 hours)
 03/9/2014 “Intravitreal Injection for the Comprehensive Ophthalmologist” - Loma Linda University APC meeting
 5/23/2014 State of the Residency – Resident Research Day- Loma Linda University

11/02/2014 “ IOL Selection 101 in 2014”; “Department Update – LLUEI” - Fall 2014 Optometry Symposium

Year 2015

01/07/2015 Ophthalmology for the Primary Care Physician: “Management of Eye Trauma”, “Vision Loss in the Elderly”, “Retinal Disorders – The Role of the Primary Care Physician” PA Student Lecture series (3 hours)

4/23/2015 “How to Succeed in Clinical Practice” – Resident lecture

7/29/2015 “Professionalism in Ophthalmology” – Resident lecture

8/10/2015 “ Introduction to Ophthalmology” – MS 1 lecture

MAJOR TEACHING RESPONSIBILITIES

As a full time comprehensive and medical retina specialist attending, I have had a great opportunity to teach residents and medical students in my clinic as well as in the OR. Having 11 years of Residency Program Directorship experience, I thrive to teach residents and medical students’ superb patient care, interpersonal and communication skills, professionalism, practice-based learning and improvement and system based practice, aside from the daily medical knowledge and surgical skills needed for them to become fine physicians, as they pursue their post-graduate training or professional career. As the current department Chair, I love to teach and identify the right tools and skills that faculty need to succeed in their practice within our department, as well as personally coach faculty on how to mentor, teach, supervise, and evaluate fellows, residents, and medical students.

COMMUNITY SERVICE

- Volunteer coach for The Christian Youth Soccer Organization (TCYSO)
- Volunteer coach for Azure Hills Seventh Day Adventist basketball league
- Member and Deacon of Loma Linda Korean Seventh Day Adventist Church
- Provided oversight in the development of the Social Action Community Health System (SACHS) clinic, as well as the oversight of resident and medical student involvement for the ophthalmology service. Currently on a stand-by call list to volunteer as an ophthalmology attending if needed