

Denise L. Kayser, MD, MPH&TM

Curriculum Vitae

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Premedical Education

Aug 1988 – May 1992 BA Biology, University of Virginia
Charlottesville, VA

Jan 1991 – Aug 1991 International Studies, University of Copenhagen
Copenhagen, Denmark

Medical Education

Aug 1993 – May 1997 MD, Tulane Medical School
New Orleans, LA

Sep 1993 – May 1997 MPH & TM, Tulane School of Public Health & Tropical Medicine
New Orleans, LA

Summer 1994 Medical Spanish, Xochicalco University
Ensenada, Mexico

Postdoctoral Education

July 2001 – July 2003 Vitreoretinal Fellow, University of Iowa, Department of Ophthalmology &
Visual Sciences
Iowa City, IA

July 1998 – June 2001 Resident, University of California, Davis, Department of Ophthalmology
Sacramento, CA

July 1997 – June 1998 Intern, Transitional Program, LDS Hospital
Salt Lake City, UT

Certification/Licensure

Apr 2002 American Board of Ophthalmology Written Qualifying Examination

Jun 2001 – present State of Iowa Medical License #34162

Dec 1998 – present Drug Enforcement Agency Controlled Substances certificate

May 1998 United States Medical Licensing Examination, part III

Sep 1997 – present State of California Medical License #A66761

Aug 1996 United States Medical Licensing Examination, part II

Jun 1995 United States Medical Licensing Examination, part I

Sep 1992 Medical College Admissions Test

Honors/Awards

- Fall 2002 Awarded grand funding for study of genetic factors associated with lattice degeneration of the retina
University of Iowa Department of Ophthalmology & Visual Sciences
- May 2002 Abstract submission selected as a “Must See/Hot Topics” presentation
Association for Research in Vision & Ophthalmology, Ft. Lauderdale, FL
- Spring 2000 University of California, Davis Resident Research Day – First Place Award
University of California, Davis Department of Ophthalmology Symposium
- Spring 1992 & Fall 1991 University of Virginia Outstanding Resident Assistant Award
Formally commended by the University of Virginia Resident Staff Appraisal Board on two occasions for outstanding service to first-year students
- Summer 1994 Tulane Medical School Scholarship Recipient for study of medical Spanish and international health at Xochicalco University in Mexico
- Spring 1992 Phi Alpha Theta Historical Honor Society at the University of Virginia

Clinical Experience

- Jul 2001 to Jun 2002 Co-managed daily retina clinic (approximately forty patients per day). Acquired extensive experience in diagnosis & treatment of age-related macular degeneration, diabetic retinopathy, uveitis, vitreomacular traction syndrome, inherited vitreoretinal diseases, posterior segment infections and tumors. Experienced in the use of aggressive oral immunosuppressant medications and intravitreal steroid injections.
- Jul 2002 – Jul 2003 Co-managed daily vitreoretinal surgery clinic (approximately forty patients per day). Performed minimum of six surgical cases per week. Experienced in vitrectomy, scleral buckling, pneumatic retinopexy, PVR, I-I25 plaques, gancyclovir implants, intraocular foreign body removal, and EUA for retinoblastoma and other pediatric diseases.

Research Experiences

- Jul 2002 – July 2003 Examined two large families with inherited lattice degeneration of the retina for clinical and genetic studies
Department of Ophthalmology and Visual Sciences
University of Iowa, Iowa City, IA
- Jul 2001 – July 2003 Performed a clinical study of the differential diagnosis and treatment of myositis after scleral buckling surgery for retinal detachment
Department of Ophthalmology and Visual Sciences
University of Iowa, Iowa City, IA
- Fall, 2001 Documented natural history of Stargardt-Like Dominant Macular Dystrophy associated with previously undescribed ELOVL-4 mutations
Department of Ophthalmology and Visual Sciences,
University of Iowa, Iowa City, IA

- Spring, 2001 Investigated functional impact of disease on patients with age-related macular degeneration
Department of Ophthalmology,
University of California, Davis, Sacramento, CA
- Spring, 2000 Investigated utility of pupillary dilation in red reflex screening by primary care providers to detect retinoblastoma
Department of Ophthalmology,
University of California, Davis, Sacramento, CA
- Fall 1998 – Spring 2001 Ocular Hypertension Treatment Study, Certified Clinical Investigator
Department of Ophthalmology
University of California, Davis, Sacramento, CA
- Fall, 1996 Investigated characteristics of blood flow and vessel diameter in skin flaps. Technical skills included videomicroscopy, microsurgery and Doppler blood flow monitoring.
Department of Surgery,
Tulane Medical School, New Orleans, LA
- Spring, 1993 Investigated functional anatomy of hippocampal seizures. Technical skills included stereotactic surgery, electroencephalographic monitoring and histologic preparation of neural tissue.
Department of Neurological Sciences, Research Assistant
University of Virginia, Charlottesville, VA

Teaching Experience

- Fall 2002 – Spring 2003 Instructor of a monthly vitreoretinal teaching conference encompassing discussion of surgical retinal approaches and techniques
University of Iowa, Department of Ophthalmology & Visual Sciences
- Fall 2001 – Spring 2002 Instructor of a bi-weekly fluorescein teaching conference encompassing diagnosis and treatment of medical retinal disease
University of Iowa, Department of Ophthalmology & Visual Sciences
- Fall 1998 – Spring 2001 General ophthalmology lectures to medical students; volunteer lectures to family practice residents
University of California, Davis, Department of Ophthalmology
- Spring 1997 Teaching assistant for third-year medical students in Basic Suturing Technique
Tulane Medical School, Department of Surgery

- Spring 1992 Teaching assistant for an undergraduate laboratory course in plant and animal biology
University of Virginia, Department of Biology
- Spring 1991 Volunteer English teacher at Roholmskolen (Danish high school)
Copenhagen, Denmark

Publications/Abstracts

Kayser, D.L., Andorf, J.L., Taylor, C.M., Haines, H.L., Stone, E.M.: Natural history of patients with Stargardt-Like Dominant Dystrophy associated with recently described ELOVL4 mutations. *The Association for Research in Vision and Ophthalmology Annual Meeting, May 2002.*

Sletten, K.R., Kayser, D.L., Folk, J.C.: Photodynamic therapy for choroidal neovascularization due to acute multifocal placoid pigment epitheliopathy. *Archives of Ophthalmology* (submitted).

Boldt, H.C., Kayser, D.L., Gehrs, K.M., Russell, S.R., Sletten, K.R., Weingeist, T.A., Folk, J.C: Orbital Myositis after Scleral Buckling. *Retina Congress, 2003.*

Presentations

- May 2002 *Natural History of Patients with Stargardt-Like Dominant Dystrophy Associated with Recently Described ELOVL4 Mutations*
Association for Research in Vision & Ophthalmology, Ft. Lauderdale, FL
- Dec 2001 *Management of POHS Associated Subfoveal Choroidal Neovascularization*
University of Iowa Department of Ophthalmology, Grand Rounds
- Nov 2001 *von Hippel-Lindau Disease*
University of Iowa Department of Ophthalmology
- Oct 2001 *Neurofibromatosis: Retinal & Choroidal Manifestations*
University of Iowa Department of Ophthalmology
- Sep 2001 *Sub-acute Acute Retinal Necrosis*
University of Iowa Department of Ophthalmology, Grand Rounds
- May 2001 *Macular Degeneration: The Patient Perspective*
Annual Symposium, University of California, Davis Department of Ophthalmology
- Mar 2001 *Enucleation vs. Evisceration*
University of California, Davis Department of Ophthalmology, Grand Rounds
- Feb 2001 *Pseudophacodonesis*
University of California, Davis Department of Ophthalmology, Grand Rounds
- Jan 2001 *Peripheral Retinal Neovascularization*
University of California, Davis Department of Ophthalmology, Grand Rounds
- Jan 2001 *Unilateral Frosted Branch Angitis*
University of California, Davis Department of Ophthalmology, Grand Rounds
- Dec 2000 *High Risk LASIK*
University of California, Davis Department of Ophthalmology, Grand Rounds
- Dec 2000 *Chronic Red Eye: A Masquerade Syndrome*
University of California, Davis Department of Ophthalmology
- May 2000 *Red Reflex Screening: Does Dilation Matter?*
Annual Symposium, University of California, Davis Department of Ophthalmology

Jan 2000

Sturge-Weber Syndrome

University of California, Davis Department of Ophthalmology

Professional Memberships

American Academy of Ophthalmology

California Academy of Ophthalmology

American Medical Association

Sonoma County Medical Association

Community Service

Blind Olympics, Team Leader. Sacramento, CA

AIDS Home, Volunteer. New Orleans, LA

Parkway Partners, Volunteer. New Orleans, LA

Madison House Medical Services, Volunteer. Charlottesville, VA

Languages

Fluent in English, Spanish & Danish

Interests

Skiing, mountain biking, camping, travel