

## **CURRICULUM VITAE**

### **Marjan Farid, M.D.**

University of California, Irvine  
Gavin S. Herbert Eye Institute  
118 Med Surge 1  
Irvine, CA 92697-4375

Phone: (949) 824-0327, Fax: (949) 824-4015

Email: mfarid@uci.edu

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### **EDUCATION**

1998-2002	M.D. UC San Diego, School of Medicine
1997-1998	UCLA, Physiological Science
1992-1996	B.S. UCLA, Biology, Summa Cum Laude

### **POSTDOCTORAL TRAINING**

#### **Internships, Residencies and Fellowships**

2006-2007	UC Irvine, Dept. of Ophthalmology Cornea/Refractive surgery Fellowship
2003-2006	UC Irvine, Dept. of Ophthalmology Ophthalmology Residency
2002-2003	Scripps Mercy Hospital, San Diego, Ca. Transitional Year Internship

### **LICENSURE AND CERTIFICATION**

2003	California Medical License No. A85936
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### **ACADEMIC APPOINTMENTS**

2007-present	Assistant Professor in Ophthalmology, University of California, Irvine
2006-2007	Clinical Instructor in Ophthalmology, University of California, Irvine

## **MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

2006-present	American Society of Cataract and Refractive Surgery
2006-present	Ophthalmic Women Leaders (OWL), Member
2004-present	Association for Research in Vision and Ophthalmology
2003-present	American Academy of Ophthalmology, Member

## **ACADEMIC SERVICE**

2008-present	Member, UCI Quality Improvement/Utilization Management Committee. Established by the FPO.
2007-present	Ocular Surface Disease Program. Established for the UCI Dept. of Ophthalmology in collaboration with Dr. Ed Holland and the National Aniridia Foundation.

## **REVIEW BOARDS**

2008	<i>Cornea</i>
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## **HONORS AND AWARDS**

Nov, 2006	ISOV (Iranian Society of Ophthalmologists and Vision Scientists) Award for significant achievements in the field of Ophthalmology.
2004	Honorable Mention for Resident Research, Department of Ophthalmology, UCI.
2002	Department of Ophthalmology Senior Award, UCSD.
2001	Recognition for outstanding service to the UCSD community - Associated Students.
1997	City of Santa Monica, Spirit of Volunteerism Award.
1993-1996	Departmental Honors in Biology. Dean's Honor List/University Scholar, UCLA.
1994	Hilding Tegner Award for high GPA.
1994	George Pride Life Science Award.

1993, 1994 American Association of University Women Award.

1993 Women in Transition Award.

## **CONTRACTS/GRANTS/CLINICAL TRIALS**

2008 ASCRS Research Foundation Grant, "Deep anterior lamellar keratoplasty performed with the femtosecond laser zig-zag incision as a novel approach for the treatment of keratoconus and post-refractive keratectasia."

## **RESEARCH ACTIVITIES**

- 1) Applications of zig-zag cut using femtosecond laser technology for therapeutic deep anterior lamellar keratoplasty.
- 2) Comparisons of Intralase Enabled Keratoplasty (IEK) vs conventional Penetrating Keratoplasty (PKP) and Descemet's Stripping Endothelial Keratoplasty (DSEK).
- 3) Study of effects of Mitomycin-C on wound healing in refractive surgery.

## **TEACHING**

April, 2008 Lecture to the UCI/Brea Senior Citizen Center on "The Aging Eye".

2007-present Moderator at multiple resident Grand Rounds and Evening Rounds.

June 2007 Ophthalmic Trauma and Emergencies. Lecture to UCI Family Practice Residents.

2006-present Instructor of medical students, residents, and fellows at UC-Irvine Dept. of Ophthalmology. Includes surgery, clinic, clinical exam skills training, grand rounds, and lecture conferences.

## **Local Invited CME Teaching Presentations**

Feb, 2008 Lecture given at the *11<sup>th</sup> Annual Ocular Drug and Surgical Therapy Update Meeting* on "A Clinical Approach to Ocular Allergy".

- Jan, 2008           Lecture given to UCI Ophthalmology Residents, Fellows, and Faculty, "The View EyeRounds: State of the Art Management of Chronic Dry Eye".
- Nov, 2007           Lecture at Fountain Valley Regional Hospital and Medical Center to primary care physicians on "Cataract Surgery".
- Oct, 2007           Lecture given to community Ophthalmologists, "The View EyeRounds: State of the Art Management of Chronic Dry Eye".
- Mar, 2007           Lecture at UC Irvine Eye Institute 2nd Annual Collaboration Colloquium on "Detection of Corneal Fibrosis Following Excimer Laser Surface Ablation (PRK) using Second Harmonic Generated (SHG) Signals".

## **NATIONAL AND REGIONAL RESEARCH PRESENTATIONS**

### **2008**

- April 6           **American Society for Cataract and Refractive Surgery, Chicago, IL**, paper presentations on:
- 1) "Comparison of visual recovery and astigmatism in 24-bite running penetrating keratoplasty performed with a femtosecond laser zig-zag incision versus conventional trephination." (Co-authors Lin A, Chamberlain W, Steinert RF).
  - 2) "Comparison of posterior corneal wavefront aberration between post-DSAEK, post-femtosecond PKP, and normal age-matched corneas." (Co-authors Chamberlain W, Lin A, Omid N, Steinert RF).
  - 3) "Astigmatic Impact of Radial Alignment Marks in Penetrating Keratoplasty Performed With the Femtosecond Laser Using the Zig-Zag Incision." (Co-authors Lin A, Chamberlain W, Steinert RF).
  - 4) "Comparison of Higher-Order Corneal Aberrations: Conventional Penetrating Keratoplasty vs. Femtosecond Laser Keratoplasty vs. DSEK" (Co-authors Omid N, Chamberlain W, Lin A, Steinert RF).
- April 27           **Association for Research in Vision and Ophthalmology, Ft. Lauderdale FL**, poster presentations on:
- 1) "Comparison of visual recovery and astigmatism in 24-bite running penetrating keratoplasty performed with a femtosecond

laser zig-zag incision versus conventional trephination.” (Co-authors Lin A, Chamberlain W, Steinert RF).

2) “Comparison of posterior corneal wavefront aberration between post-DSAEK, post-femtosecond PKP, and normal age-matched corneas.” (Co-authors Chamberlain W, Lin A, Omid N, Steinert RF).

## **2007**

Nov 8 **American Academy of Ophthalmology Annual meeting, New Orleans, LA**, free paper presentation on “Results of Penetrating Keratoplasty Performed With A Femtosecond Laser “Zig-Zag” Incision” (Co-authors Kim M, Steinert RF).

May 6 **Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL.**

1) “Detection of Corneal Fibrosis Following Excimer Laser Surface Ablation (PRK) using Second Harmonic Generated (SHG) Signals” (Co-authors Morishige N, Wahlert A, Steinert RF, Jester J) (paper).

2) “Results of Zig-Zag Femtosecond Laser Incision for Penetrating Keratoplasty” (Co-authors Steinert R, Kim M) (poster).

## **2006**

Nov 9 **American Academy of Ophthalmology Annual Meeting, Las Vegas, NV**, free paper presentation on “Pterygium Recurrence After Excision with Conjunctival Autograft: A Comparison Between Absorbable Sutures versus Fibrin Tissue Adhesive” (Co-author Pirnazar JR).

**2004** **Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL**, poster presentation on “Analysis of Eyelid Position and Eyelid Excursion in Patients with Involutional Blepharoptosis” (Co-author McCulley TJ).

**2002** **American Academy of Ophthalmology Annual Meeting, Orlando, FL**, free paper presentation on “Psychological Disturbance in Graves' Ophthalmopathy” (Co-authors Roch-Levecq AC, Brody BL , Granet DB, Levi L, Kikkawa DO).

## **PEER-REVIEWED PUBLICATIONS**

**Farid M**, Kim M; Steinert R. Results of penetrating keratoplasty performed with a femtosecond laser “zig-zag” incision: Initial report. *Ophthalmology*, Dec, 2007;114(12):2208-12.

**Farid M**, Morishige N, Wahlert A, Steinert R, Jester J. Detection of corneal fibrosis following excimer laser surface ablation (PRK) using second harmonic generated (SHG) signals. (submitted for publication)

**Farid M**, Pirnazar JR. Pterygium recurrence after excision with conjunctival autograft: A comparison between absorbable sutures versus fibrin tissue adhesive. (submitted for publication to *Cornea*)

**Farid M**, et al. Psychological disturbance in Graves' Ophthalmopathy. *Arch Ophthalmol*, Apr, 2005;123(4):491-6.

**Farid M**, Martinez ZA, Geyer MA, Swerdlow NR. Regulation of sensorimotor gating of the startle reflex by serotonin 2A receptors: Ontogeny and strain differences. *Neuropsychopharmacology*, Dec, 2000;23(6):623-32.

Swerdlow NR, Martinez ZA, Hanlon FM, Platten A, **Farid M**, Auerbach P, Braff DL, Geyer MA. Toward understanding the biology of a complex phenotype: Rat strain and substrain differences in the sensorimotor gating-disruptive effects of dopamine agonists. *Journal of Neuroscience*, June, 2000;20(11): 4325-4336.

Swerdlow NR, Martinez ZA, Hanlon FM, **Farid M**, Platten A, Auerbach P. Genetics and neurobiology of sensorimotor gating: The gain in brain comes mainly in the strain. *Biol Psychiat*, 2000;47:123S.

Swerdlow NR, **Farid M**, Auerbach P, Platten A, Martinez Z. Strain and developmental patterns of dopaminergic and serotonergic regulation of prepulse inhibition in rats: Implications for the genetics of a complex phenotype. *Proc Am Col Neuropsychopharm* 1999; p. 283.

## **TEXT BOOK CHAPTERS**

**Farid M**, Steinert R. “Preoperative Evaluation of the Refractive Surgical Patient”, in Brightbill FS (ed) *Corneal Surgery: Theory, Technique and Tissue*, Fourth Edition. St. Louis, Mosby (in press)

**Farid M**, Steinert R. “Refractive Corneal Implants”, in Steinert RF and Huang D (eds) *Anterior Segment Optical Coherence Tomography* (in press).

## **EDUCATIONAL VIDEOTAPES**

Steinert RF. Co-producers: **Farid, M** and Kim, M. Film Festival, American Society of Cataract and Refractive Surgery, 2007. "Penetrating keratoplasty performed with a femtosecond laser "zig-zag" incision". Winner of Second Prize.

## POPULAR PRESS ARTICLES

Steinert RF, **Farid, M**. "Clinical Advantages of Advanced Imaging – Novel Applications in the Anterior Segment with the Visante OCT." Cataract and Refractive Surgery Today, Aug 2007.

## EXTRACURRICULAR/VOLUNTEER WORK

2007-present	Violinist - Orange Coast College Community Orchestra
2005-present	Chairperson - Baha'i Local Spiritual Assembly of Huntington Beach
2004-present	Teacher - Glad Tidings Baha'i School
2003	Interviewer - Residency Applicants at Scripps Mercy Hospital
2001-2002	Volunteer - UCSD Free Clinic
1998-2002	Member - Physicians for Social Responsibility
1998-2000	Volunteer - Doctors Ought to Care Program
1996-1997	Tutor - Human Physiology
1996-1997	Member - Martin Luther King Jr. West Side Coalition
1996	Volunteer - Meals on Wheels
1994	Volunteer - Department of Pediatrics, UCLA Medical Center
1994-1998	Violinist - UCLA Philharmonic Orchestra
1994-1997	Violinist - Loyola Marymount University Symphonic Orchestra
1992-1995	Violinist - Santa Monica College Community Orchestra
1994-1995	President - UCLA Baha'i Club
1993-1995	Tutor - Math and science
1992-1997	Teacher - Piano, private lessons

**Personal Interests:** Violinist, Pianist, Guitar, Teach children's Sunday classes, Cooking

**Languages:** Fluent English and Farsi, medical Spanish.