

Courtney E. Francis, M.D.

Date: February 6, 2013

PERSONAL INFORMATION

Place of birth: Sacramento, CA
Citizenship: United States of America
Date of birth: October 23, 1977

EDUCATION

2001-2005 University of Rochester School of Medicine and Dentistry
Rochester, New York
Doctor of Medicine

1995-1999 Brown University
Providence, Rhode Island
Bachelor of Science (Major: Neuroscience), with distinction
Honors thesis: A New Optical Method for Staining Retinal Ganglion Cells
Advisor: David Berson, Ph.D.

POSTGRADUATE TRAINING

2009-2010 Neuro-Ophthalmology Fellowship
University of Southern California Keck School of Medicine and the
Doheny Eye Institute
Los Angeles, California
Department of Ophthalmology
Preceptors: Alfredo Sadun, M.D., Ph.D. and Peter Quiros, M.D.

2006-2009 Ophthalmology Residency
University of Alabama at Birmingham School of Medicine and the
Callahan Eye Foundation Hospital
Birmingham, Alabama
Department of Ophthalmology
Chairman: Lanning Kline, M.D.
Program Director: Russell Read, M.D., Ph.D.

2005-2006 Preliminary Year, Internal Medicine
Baystate Medical Center, Tufts University School of Medicine
Springfield, Massachusetts
Department of Internal Medicine
Program Director: Kevin Hinchey, M.D.

ACADEMIC APPOINTMENTS

- 2010-present Assistant Professor, Neuro-Ophthalmology
2012-present Medical Student Clerkship Director
University of Washington School of Medicine
Seattle, Washington
Department of Ophthalmology
- 2009-2010 Clinical Instructor, Neuro-Ophthalmology
University of Southern California Keck School of Medicine and the
Doheny Eye Institute
Los Angeles, California
Department of Ophthalmology

AWARDS/HONORS

- 2010-2012 Best Doctors in America
2011 Harborview Medical Center CARES for Service Excellence Award
2008 Lynn B. McMahan, M.D. Award for Outstanding Second Year Resident
Presentation. UAB Department of Ophthalmology Annual Clinical &
Research Symposium, Birmingham, Alabama. May 9-10, 2008.
2002 International Medicine Award, University of Rochester School of
Medicine and Dentistry
1998 Undergraduate Teaching and Research Assistantship, Brown University

BOARD CERTIFICATION

- 2010 American Board of Ophthalmology

LICENSURE

- 2010 Washington (60156393)

PROFESSIONAL ORGANIZATIONS

- 2012-present Association of University Professors of Ophthalmology (AUPO)
2010-present North American Neuro-Ophthalmology Society (NANOS)
2010-present Association for Research in Vision and Ophthalmology (ARVO)
2010-present Washington Academy of Eye Physicians and Surgeons (WAEPS)
2006-present American Academy of Ophthalmology (AAO)

TEACHING EXPERIENCE

- 2012-present University of Washington School of Medicine
Director of medical student Ophthalmology clerkship
2010-present University of Washington School of Medicine
Supervision of ophthalmology and neurology residents
2010-present Puget Sound Veterans Affairs Hospital – Seattle Division
Supervision of ophthalmology resident clinic and surgery

- 2009-2010 Doheny Eye Institute neuro-ophthalmology rounds
Lectures for ophthalmology residents
- 2009-2010 LAC/USC neuro-ophthalmology clinic
Supervision of resident clinic and surgery

GRANTS AS CO-INVESTIGATOR

- 2012-present Perception Study – A prospective case-crossover study to evaluate the possible association between the use of PDE5 inhibitors and the risk of acute nonarteritic ischemic optic neuropathy (NAION) (Eli Lilly).
- 2009-2010 Case-Crossover Study of PDE5 Inhibitor Exposure as a Potential “Trigger Factor” for Acute NAION: A non-treatment study of risk factors for nonarteritic anterior ischemic optic neuropathy (NAION) (Pfizer)

BIBLIOGRAPHY

JOURNAL ARTICLES

- Michael S. Vaphiades, Sharon A. Spencer, Kristen Riley, **Courtney Francis**, Luke Deitz, Lanning B. Kline. Radiation-induced ocular motor cranial nerve palsies in patients with pituitary tumor. *Journal of Neuro-Ophthalmology* 2011;31:210-213.
- Courtney Flanagan**, Lanning Kline, Joel Curé. Cerebral Blindness. *International Ophthalmology Clinics*, 2009 Summer:49;15-25.
- Michael H. Boyle, Gerald McGwin, **Courtney E. Flanagan**, Matthew G. Vicinanza, John A. Long. High versus low concentration botulinum toxin A for benign essential blepharospasm: Does dilution make a difference? *Ophthalmic Plastic and Reconstructive Surgery* 2009;25;81-84.
- Michael S. Vaphiades, **Courtney Flanagan**. Eight-and-a-half syndrome due to pontine ischaemic infarct: Anatomic correlation on MRI. *Neuro-Ophthalmology* 2008;32:63-66.
- Giuseppina M. Carbone, Eileen McGuffie, Sara Napoli, **Courtney E. Flanagan**, Chiara Dembech, Umberto Negri, Federico Arcamone, Massimo L. Capobianco, Carlo
- V. Catapano. DNA binding and antigene activity of a daunomycin-conjugated triplex-forming oligonucleotide targeting the P2 promoter of the human *c-myc* gene. *Nucleic Acids Research* 2004;32:2396-2410.

OTHER PUBLICATIONS

- Alfredo A. Sadun, Joel S. Glaser, Swaraj Bose, **Courtney E. Francis**. Chapter 34: Anatomy of the Visual Sensory System. *Duane's Foundations of Clinical Ophthalmology*, W. Tasman and E.A. Jaeger, eds. 2011
- Ronald Braswell, **Courtney Flanagan**. Current trends in the treatment of postherpetic neuralgia. American Academy of Ophthalmology website, Current Insights. Q3 September 30, 2008.

ABSTRACTS

- Joseph Sheehan, Leona Ding, **Courtney Francis**, Raghu Mudumbai. Correlation of Peripapillary Retinal Nerve Fiber Layer Thickness and Macular Volume as Measured by SD-OCT with Severe Vision Loss in End Stage Optic Neuropathy. North American Neuro-Ophthalmology Society (NANOS) 39th Annual Meeting, Snowbird, Utah, February 9-14, 2013.

Courtney E. Francis, M.D.

Joseph Sheehan, Nayak Polissar, **Courtney Francis**, Raghu Mudumbai. Correlation of Peripapillary Retinal Nerve Fiber Layer Thickness as Measured by SD-OCT with Severe Vision Loss in End Stage Optic Neuropathy. North American Neuro-Ophthalmology Society (NANOS) 38th Annual Meeting, San Antonio, Texas, February 11-16, 2012.

Courtney Flanagan, Michael S. Vaphiades, Sharon A. Spencer, Kristen Riley, Luke Deitz, Lanning B. Kline. Ocular Motor Cranial Nerve Palsy in Patients with Pituitary Radiation Following Transsphenoidal Resection of Pituitary Adenoma. North American Neuro-Ophthalmology Society (NANOS) 35th Annual Meeting, Lake Tahoe, Nevada, February 21-26, 2009.

Michael Boyle, Gerald McGwin, **Courtney Flanagan**, Matthew Vicinanza, John Long. High Concentration Versus Low Concentration Botulinum Toxin A for Benign Essential Blepharospasm: Does Dilution Make a Difference? The American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) 39th Annual Fall Scientific Symposium, Atlanta, Georgia, November 12-13, 2008.

Luke Deitz, Michael S. Vaphiades, **Courtney E. Flanagan**, Lanning B. Kline. Ocular Motor Palsy in Patients with Pituitary Radiation. UAB Department of Ophthalmology Annual Clinical & Research Symposium, Birmingham, Alabama. May 9-10, 2008.

Courtney E. Flanagan, Glenn H. Roberson, Joel K. Curé, Michael S. Vaphiades. The "Pituitary Ring Sign": An MRI Sign of Nonhemorrhagic Pituitary Apoplexy. UAB Department of Ophthalmology Annual Clinical & Research Symposium, Birmingham, Alabama. May 11-12, 2007.

Massimo L. Capobianco, F Arcamone, A Garbesi, S Zanella, S Lena, L Francini, M De Champdore, M Tommasulo, C Dembech, EM McGuffie, GM Carbone, **CE Flanagan**, CV Catapano. "Synthesis and bioactivity of daunomycin-oligonucleotide conjugates as inhibitors of gene expression through a triple helix formation." 8th International Symposium on Molecular Aspects of Chemotherapy, Gdansk, Poland, September 5-9, 2001.

Giuseppina M. R. Carbone, **Courtney E. Flanagan**, John Vournakis, Dennis K. Watson, Carlo V. Catapano. "Targeting the Oncogenic Transcription Factor ETS2 with a Triple Helix Forming Oligonucleotide (TFO) in Human Prostate Cancer Cells." AACR (American Association for Cancer Research) 92nd annual meeting, March 2001, Vol. 42, #688.

Carlo V. Catapano, Eileen M. McGuffie, Giuseppina M. R. Carbone, **Courtney E. Flanagan**, Chiara Dembech, Federico Arcamone, Massimo L. Capobianco. "Synthesis of Daunomycin-Conjugated Triplex-Forming Oligonucleotides That Act As Selective Repressors of c-Myc Gene Expression." AACR (American Association for Cancer Research) 92nd annual meeting, March 2001, Vol. 42, #4563.

PRESENTATIONS

Courtney Francis. Pupillary Abnormalities. University of Washington School of Medicine, Department of Neurology Grand Rounds, Seattle, WA. December 1, 2011.

Courtney Francis. Horner Syndrome. *Joint Commission on Allied Health Personnel in Ophthalmology* (JCAHPO) Neuro-Ophthalmology Subspecialty Day, Orlando, FL. October 24, 2011.

Courtney Francis. Transient Visual Loss. *Advances in Family Practice and Primary Care*, Seattle, WA. September 15, 2011.

Courtney Francis, Michael Mustari. Eye Movement Abnormalities in Progressive Supranuclear Palsy and Associated Neural Mechanisms. University of

Courtney E. Francis, M.D.

Washington Department of Ophthalmology Gained in Translation Symposium.
Seattle, WA. June 2, 2011.

Courtney Francis. Multiple Sclerosis and the Eye. Modern Medicine of the Eye Lecture Series. Seattle, WA. December 17, 2010.

Courtney Francis. Paradoxical Pupils in PION. 41st Annual Doheny Days Conference. Los Angeles, California. June 11-12, 2010.

Courtney Francis. OCT and Neuro-Ophthalmology: What and When? Doheny Eye Institute Saturday Series, Los Angeles, California. April 10, 2010.

Courtney Francis, Peter Quiros, Alfredo Sadun. Under Pressure. Frank B. Walsh Session, North American Neuro-Ophthalmology Society (NANOS) 36th Annual Meeting, Tucson, Arizona, March 7, 2010.

Courtney Francis. Too many injections: a case of optic nerve involvement in Behçet's Disease. Club Latino-Americano de Neuro-Oftalmologia (CLAN) 21st Annual Meeting, Los Angeles, California. October 30-31, 2009.

Courtney Flanagan, Christopher Girkin, Bunyamin Ozaydin. Performance of SD-OCT measurements of the optic nerve, RNFL and GCC in the diagnosis of glaucoma. UAB Department of Ophthalmology Annual Clinical & Research Symposium, Birmingham, Alabama. May 8-9, 2009

Courtney Flanagan, Michael Boyle, Matthew Vicinanza, Gerald McGwin, John Long. High vs. Low Concentration Botulinum Toxin A for Benign Essential Blepharospasm. UAB Department of Ophthalmology Annual Clinical & Research Symposium, Birmingham, Alabama. May 9-10, 2008.