At Washington University School of Medicine, medical students under the Legacy Curriculum begin ophthalmology-based instruction during the first year with examination of the eye and a lecture on various aspects of ocular disease. During the second year, students receive a refresher lecture and lab on direct ophthalmoscopy as well as a lecture on ophthalmic manifestations of systemic disease and primary ocular disease. During the third year, students are given the opportunity during the surgery clerkship to spend four weeks on the ophthalmology services; in addition, there are lectures given to students during the Internal Medicine rotations. During the fourth year, a four-week intensive clinical rotation is tailored to students interested in pursuing ophthalmology as a career. Research electives are available under the guidance of numerous ophthalmology faculty members for fourth-year students. Newer medical students under the Gateway Curriculum have the option of choosing ophthalmology for a three-week-long clinical experience during their first-year Procedural Immersion. More intensive clinical rotations will be available in later phases of the new curriculum.


Website: http://ophthalmology.wustl.edu

Faculty

Our staff includes full-time university attending physicians for all subspecialties in ophthalmology, including ocular tumors, oculoplastics and uveitis. We have a very healthy mix of senior established faculty and junior members.

Todd Margolis, MD, PhD (https://ophthalmology.wustl.edu/people/todd-margolis-md-phd/)
Alan A. and Edith Wolff Distinguished Professor and Chairman

Kevin Ko, MBA (https://ophthalmology.wustl.edu/people/kevin-ko-mba/)
Executive Director of Business Affairs

P. Kumar Rao, MD, MBA (https://physicians.wustl.edu/people/p-kumar-rao-md/)
Professor and Vice Chair for Clinical Affairs

Daniel Kerschensteiner, MD (https://kerschensteinerlab.wustl.edu/)
Bernard Becker Professor of Ophthalmology and Visual Sciences
Vice Chair for Research
Co-Director of the Neuroscience PhD Program
Rajendra S. Apte, MD, PhD (https://physicians.wustl.edu/people/rajendra-s-apte-md-phd/)
Paul A. Cibis Distinguished Professor of Ophthalmology and Visual Sciences
Vice Chair for Innovation and Translation

Carla Siegfried, MD (https://physicians.wustl.edu/people/carla-j-siegfried-md/)
Jacquelyn E. and Allan E. Kolker, MD, Distinguished Professor of Ophthalmology and Visual Sciences
Vice Chair for Diversity, Equity and Professionalism

R. Lawrence Tychsen, MD (https://wuphysicians.wustl.edu/find-a-physician/lawrence-tychsen/)
Pediatric Ophthalmology Director
Visit our website for more information about our faculty (https://ophthalmology.wustl.edu/contact-us/department-contacts/) and their appointments.

A

**Henry W Allhoff, O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, University of Missouri Columbia, 1976
Doctor of Optometry, Illinois College of Optometry, 1981

**Shilpa S Amin, M.D.**
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, University of Missouri Kansas City, 1994
Doctor of Medicine, University of Missouri Kansas City, 1994

**Rajendra Apte, Ph.D., M.D.**
Professor of Ophthalmology and Visual Sciences (primary appointment)
Professor of Developmental Biology
Professor of Medicine
Vice Chair - Translation and Innovation
Paul A. Cibis Distinguished Professor of Ophthalmology and Visual Sciences
Doctor of Medicine, University of Bombay, 1993
Doctor of Philosophy, University of Texas Southwest, 1997

**Neva P Arribas, M.D.**
Associate Professor Emerita of Clinical Ophthalmology and Visual Sciences
Associate of Arts, School Not Listed, 1949
Doctor of Medicine, School Not Listed, 1954

**R**

**Alexander Steven Barsam, M.B.A., M.D.**
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Science, University of California, 2010
Master of Business Administration, University of Miami, 2015
Doctor of Medicine, University of Miami, 2016

**Steven Bassnett, Ph.D.**
Professor of Ophthalmology and Visual Sciences (primary appointment)
Professor of Cell Biology and Physiology
Grace Nelson Lacy Distinguished Professorship in Ophthalmology
Bachelor of Science, University of Wales, 1982
Doctor of Philosophy, University of East Anglia, 1987

**Paul Douglas Becherer, O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, Southern Illinois University (Duplicate of Southern Illinois University Carbondale), 1971
Doctor of Optometry, School Not Listed, 1975

**Stanley C Becker, M.A., Ph.D., M.D.**
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Washington University in St Louis, 1948
Master of Arts, Washington University in St Louis, 1950
Doctor of Philosophy, Washington University in St Louis, 1951
Doctor of Medicine, University of Chicago, 1955

**William L Becker, M.A., M.D.**
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Earlham College, 1982
Master of Arts, Washington University in St Louis, 1987
Doctor of Medicine, Washington University in St Louis, 1987

**Gregg Jonathan Berdy, M.D.**
Voluntary Clinical Associate Professor of Ophthalmology and Visual Sciences
Bachelor of Arts, Duke University, 1979
Doctor of Medicine, Saint Louis University, 1983

**Paul M Bernier, O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Indiana State University, 1983
Doctor of Optometry, University of Missouri Columbia, 1987

**Anjali Maruti Bhorade, M.D.**
Associate Professor of Ophthalmology and Visual Sciences (primary appointment)
Associate Professor of Occupational Therapy
Doctor of Medicine, University of Chicago, 1999

**Frank Joseph Bier, O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, University of Missouri Columbia, 1979
Doctor of Optometry, University of Missouri in St Louis, 1984

**Ronald C Bilchik, M.D.**
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, University of California, 1963
Doctor of Medicine, Washington University in St Louis, 1967

**Mark Gerald Birkmann, O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, University of Missouri Columbia, 1988
Doctor of Optometry, University of Missouri Columbia, 1992

Andrew N Blatt, M.A., M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Duke University, 1987
Master of Arts, Washington University in St Louis, 1991
Doctor of Medicine, Washington University in St Louis, 1992

Kevin Jay Blinder, M.D.
Professor of Clinical Ophthalmology and Visual Sciences
Doctor of Medicine, University of Missouri Kansas City, 1985

James C Bobrow, M.D.
Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Yale University, 1966
Doctor of Medicine, Johns Hopkins University Medical (Duplicate of Johns Hopkins University), 1970

George M Bohigian, M.D.
Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Washington University in St Louis, 1961
Doctor of Medicine, Saint Louis University, 1965

Bernita Born-Wolf, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, University of Missouri in St Louis, 1987

Paul J Botelho, M.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, Holy Cross College, 1988
Doctor of Medicine, Boston University, 1992

Rebekah Arletta Braslow, M.D.
Instructor in Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Stanford University, 1981
Doctor of Medicine, Yale University, 1987

Sean Michael Breit, M.D.
Instructor in Clinical Ophthalmology and Visual Sciences
Main Campus, 2002

Larry G Brokering, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, Illinois College of Optometry, 1972

Marc Richard Brown, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, University of Missouri Columbia, 1974
Doctor of Optometry, School Not Listed, 1980

Nancy M Buchser, M.D.
Instructor in Clinical Ophthalmology and Visual Sciences
Doctor of Medicine, University of Miami, 2007

Dean B Burgess, M.D.
Professor Emeritus of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Occidental College, 1963

Doctor of Medicine, University of California, 1967

Carmen F Castellano, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, University of Missouri in St Louis, 1977
Bachelor of Science, Illinois College of Optometry, 1980
Doctor of Optometry, Illinois College of Optometry, 1982

Earl S Changar, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, School Not Listed, 1957

Shiming Chen, M.S., Ph.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Professor of Developmental Biology
Bernard Becker and Janet R Becker Distinguished Professorship in Ophthalmology
Bachelor of Science, Beijing University, 1981
Master of Science, Beijing Medical University, 1984
Doctor of Philosophy, State University of New York, 1992

Brian Stewart Clark, Ph.D.
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Assistant Professor of Developmental Biology
Doctor of Philosophy, Medical College of Wisconsin, 2013

Bruce H Cohen, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Harvard University, 1976
Doctor of Medicine, Johns Hopkins University, 1980

Nicholas J Colosi, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, La Salle University, 1964
Doctor of Medicine, Saint Louis University, 1968

Pamela Ann Coslick-Fada, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, University of Missouri Columbia, 1987

Steven Michael Couch, M.D.
Associate Professor of Ophthalmology and Visual Sciences (primary appointment)
Patient Safety Officer (Adult) - Clinical Adult Division
Doctor of Medicine, University of Missouri Kansas City, 2006

John Bruce Crane, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, William Jewell College, 1987
Doctor of Optometry, University of Missouri in St Louis, 1991

Philip L Custer, M.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Science, Vanderbilt University, 1974
Doctor of Medicine, Vanderbilt University, 1978

David L Davidson, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, School Not Listed, 1964

John James Deguire, M.D.
Instructor in Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Washington University in St Louis, 1983 (Champaign), 1988

Angela Demetrulias, O.D.
Instructor in Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Arts, Anderson University, 2007
Doctor of Optometry, Indiana University Bloomington, 2011

Paul E Diehl, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, Illinois College of Optometry, 1959

Kyle Dohrman, O.D.
Instructor in Ophthalmology and Visual Sciences (primary appointment)
Champaign, 2007
Doctor of Optometry, Southern College of Optometry, 2011

John Robert Eigenbrodt, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Southern Illinois University Edwardsville, 1985
Doctor of Optometry, University of Missouri Columbia, 1988

Lawrence W Ernst, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, University of Missouri Columbia, 1990

Raymond F Fada, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, University of Michigan (Duplicate of University of Michigan Ann Arbor), 1984
Doctor of Optometry, University of Missouri Columbia, 1989

Adam Ross Fedyk
Instructor in Clinical of Ophthalmology & Visual Sciences

Robert M Feibel, M.D.
Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Johns Hopkins University, 1965
Doctor of Medicine, Harvard University, 1969

Thomas A Ferguson, M.S., Ph.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Associate Professor of Pathology and Immunology

Bachelor of Arts, Kent State University, 1974
Master of Science, Kent State University, 1976
Doctor of Philosophy, University of Cincinnati, 1982

Kurt W Finklang, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, University of Missouri Columbia, 1977
Doctor of Optometry, State University of New York, 1981

Frank Donald Fontana, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, Illinois College of Optometry, 1950

Bruce S Frank, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Massachusetts Institute of Technology, 1972
Doctor of Medicine, Washington University in St Louis, 1976

Carrie S Gaines, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Southern Illinois University Edwardsville, 1985
Doctor of Optometry, University of Missouri Columbia, 1988

Lawrence A Gans, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Columbia University, 1972
Doctor of Medicine, Case Western Reserve University, 1977

Stephen M Garnett, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Indiana University Bloomington, 1978
Doctor of Optometry, Indiana University Bloomington, 1980

James M Gordon, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, University of Minnesota, 1962
Doctor of Medicine, University of Minnesota, 1966

Mae Etsuko Gordon, M.S., Ph.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Professor of Biostatistics
Bachelor of Arts, Portland State University, 1967
Master of Science, University of Wisconsin Madison, 1970
Doctor of Philosophy, University of Wisconsin Madison, 1979

Kenneth O Green, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Saint Louis University, 1956
Doctor of Medicine, University of Missouri Columbia, 1960

Wesley C Green, M.S., M.D.
Instructor in Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Science, University of Wisconsin La Crosse, 2007
Master of Science, State University of New York, 2009
Doctor of Medicine, Rosalind Franklin University, 2013

Kevin William Greuloch, M.D.
Instructor in Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Science, University of Notre Dame, 1995
Doctor of Medicine, University of Michigan, 1999

Steven J Grondalski, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, Saint Louis University, 1983
Doctor of Optometry, Pennsylvania College of Optometry, 1987

George J Harocopos, M.D.
Associate Professor of Ophthalmology and Visual Sciences (primary appointment)
Assistant Professor of Pathology and Immunology
Bachelor of Arts, Harvard University, 1995
Doctor of Medicine, University of Virginia, 2000

Alexander D Harris, M.A., O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, University of Evansville, 1969
Master of Arts, Washington University in St Louis, 1972
Doctor of Optometry, University of Missouri Columbia, 1986

Charles R Harris, Ph.D.
Instructor in Clinical Ophthalmology and Visual Sciences
Bachelor of Science, University of Missouri Columbia, 1970
Doctor of Philosophy, University of Missouri Columbia, 1971

William M Hart, Ph.D., M.D.
Professor Emeritus of Ophthalmology and Visual Sciences
Bachelor of Arts, Dartmouth College, 1963
College Park), 1970
College Park), 1970

Lynn M Hassman, Ph.D., M.D.
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Science, Evangel University, 2002
Doctor of Philosophy, University of Virginia, 2010
Doctor of Medicine, University of Virginia, 2012

William L Herbold, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, School Not Listed, 1967
Doctor of Optometry, School Not Listed, 1967

James R Hoekel, O.D.
Instructor in Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Science, University of Missouri Columbia, 1990

Doctor of Optometry, University of Missouri in St Louis, 1994

Augustine Richard Hong, M.D.
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Arts, University of Illinois, 2004
Doctor of Medicine, University of Illinois Chicago, 2009

Jing-Wei Huang, M.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Doctor of Medicine, National Taiwan University, 1981

Douglas Lee Huff, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, School Not Listed, 1980
Doctor of Optometry, Southern California College of Optometry, 1981

Michael J Isserman, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Harvard University, 1971
Doctor of Medicine, Washington University in St Louis, 1975

Jeffrey H Jacob, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, University of Missouri Columbia, 1975
Bachelor of Science, Southern California College of Optometry, 1978
Doctor of Optometry, Southern California College of Optometry, 1980

Sharon Leslie Jick
Instructor in Clinical Ophthalmology and Visual Sciences

William Steven Joffe, M.D.
Assistant Professor Emeritus of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Washington University in St Louis, 1959
Doctor of Medicine, Washington University in St Louis, 1963

Glen P Johnston, M.D.
Associate Professor Emeritus of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Washington University in St Louis, 1953
Doctor of Medicine, Washington University in St Louis, 1956

Stephen A Kamenetzky, M.D.
Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Washington University in St Louis, 1967
Doctor of Medicine, School Not Listed, 1970

Michael A Kass, M.S., M.D.
John F. Hardesty, MD, Department of Ophthalmology and Visual Sciences (08/23/22)

Bulletin 2022-23

Professor of Ophthalmology and Visual Sciences (primary appointment)
Senior Associate Dean for Human Research Protection
Bernard Becker Professor of Ophthalmology and Visual Sciences
Bachelor of Science, Northwestern University, 1963
Master of Science, Northwestern University Medical, 1966
Doctor of Medicine, Northwestern University, 1966

Deborah Lynn Kerber, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Southeast Missouri State University, 1986
Doctor of Optometry, University of Missouri Columbia, 1992

Daniel Kerschensteiner, M.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Professor of Biomedical Engineering (Courtesy)
Professor of Neuroscience
Vice Chair - Research Division
Janet and Bernard Becker Professor of Ophthalmology
Doctor of Medicine, Georg August University, 2004

Sangeeta Khanna
Instructor in Clinical Ophthalmology and Visual Sciences

William F Kiefer, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, Princeton University, 1967
Bachelor of Science, Illinois College of Optometry, 1973
Doctor of Optometry, Illinois College of Optometry, 1975

Mark Alan Kleindorfer, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Indiana University Bloomington, 1977
Doctor of Optometry, Indiana University Bloomington, 1979

Vivian Marie Kloke, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, McKendree University, 1986
Doctor of Optometry, University of Missouri Columbia, 1990

Harry L Knopf, M.D.
Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Harvard University, 1963
Doctor of Medicine, Harvard University, 1967

Ronald Joseph Knox, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, School Not Listed, 1956

Thomas Errol Kraemer, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, Millikin University, 1968
Bachelor of Science, Indiana University Bloomington, 1970
Doctor of Optometry, Indiana University Bloomington, 1972

Robert Louis Lamberg, M.D.
Associate Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, University of Missouri in St Louis, 1972
Doctor of Medicine, Washington University in St Louis, 1976

Paul Arthur Lapoint, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Stowe State University), 1959
Doctor of Optometry, School Not Listed, 1963

Andrew R. Lee, M.D.
Assistant Professor of Ophthalmology and Visual Sciences
(Pending Executive Faculty Approval) (primary appointment)
Director - Medical Student Education
Director - Clinical Pediatric Division
Doctor of Medicine, Washington University in St Louis, 2013

Steven F Lee, M.D.
Instructor in Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Southern California College of Optometry, 1975
Doctor of Optometry, Southern California College of Optometry, 1977

James Walter Lieber, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Wayne State University, 1976
Doctor of Optometry, Illinois College of Optometry, 1981

James Liu, M.D.
Assistant Professor of Ophthalmology and Visual Sciences
(Primary appointment)
Doctor of Medicine, Washington University in St Louis, 2015

Anthony J Lubniewski, M.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Science, University of Florida, 1980
Doctor of Medicine, University of Florida, 1985

Gregg T Lueder, M.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Professor of Pediatrics
Bachelor of Science, Iowa State University, 1981
Doctor of Medicine, University of Iowa, 1985

Robi N Maamari, M.D.
Assistant Professor of Ophthalmology and Visual Sciences
(Primary appointment)
Doctor of Medicine, University of California Irvine, 2014
Lisa Marie Mackey, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, University of Kansas, 1989
Doctor of Optometry, University of Missouri Columbia, 1993

Todd P Margolis, Ph.D., M.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Head of the Department of Ophthalmology and Visual Sciences
Alan A and Edith L Wolff Distinguished Professor
Bachelor of Science, Stanford University, 1977
Doctor of Philosophy, University of California San Francisco, 1983
Doctor of Medicine, University of California San Francisco, 1984

Barry David Milder, M.D.
Associate Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Massachusetts Institute of Technology, 1969
Doctor of Medicine, Washington University in St Louis, 1973

Benjamin Milder, M.D.
Professor Emeritus of Clinical Ophthalmology and Visual Sciences
Doctor of Medicine, Washington University in St Louis, 1939

James E Miller, M.D.
Professor Emeritus of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Tulane University, 1946
Doctor of Medicine, University of California (Duplicate of University of Alabama in Tuscaloosa), 1949

Duane L Mitzel, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Doctor of Medicine, Washington University in St Louis, 1977
Bachelor of Science, University of California, 2000

Eugene James Mobley, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, Northern Illinois University, 1950

Robert L Moby, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, Illinois College of Optometry, 1958

Cynthia L. Montana, Ph.D., M.D.
Assistant Professor of Ophthalmology and Visual Sciences
(Bachelor of Science, University of Virginia, 2005
Doctor of Philosophy, Washington University in St Louis, 2014
Doctor of Medicine, Washington University in St Louis, 2014

Joshua L. Morgan, Ph.D.
Assistant Professor of Ophthalmology and Visual Sciences
(Bachelor of Arts, Florida Southern College, 2001
Doctor of Philosophy, Washington University in St Louis, 2007

Robert F Munsch, M.D.
Instructor in Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, University of Colorado Boulder, 1974
Doctor of Medicine, Saint Louis University, 1977

Raymond I Myers, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, University of Notre Dame, 1966
Doctor of Optometry, Indiana University Bloomington, 1970

N

Randall Earl Nacke
Instructor in Clinical Ophthalmology and Visual Sciences

Matthew Newman, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Vanderbilt University, 1956
Doctor of Medicine, Columbia University, 1959

Paul F Nichols, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, University of California, 1978
Doctor of Medicine, University of California, 1982

O

Judith Mosinger Ogilvie, M.A., Ph.D.
Adjunct Assistant Professor of Ophthalmology and Visual Sciences
Bachelor of Science, Brown University, 1976
Master of Arts, Harvard University, 1978
Doctor of Philosophy, Harvard University, 1983

F. Thomas Ott, M.D.
Assistant Professor Emeritus of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Southern Methodist University, 1963
Doctor of Medicine, Washington University in St Louis, 1965

P

Jeffrey Robert Padousis, M.D.
Instructor in Clinical Ophthalmology and Visual Science
Bachelor of Arts, Vanderbilt University, 1995
Doctor of Medicine, Saint Louis University, 2000

Anjali K Pathak, M.D.
Associate Professor of Ophthalmology and Visual Sciences
(Bachelor of Arts, West Virginia University, 1993
Bachelor of Science, West Virginia University, 1993
Doctor of Medicine, West Virginia University, 1997

John Craig Perlmutter, M.D.
Associate Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Queens College, 1967
Doctor of Medicine, Cornell University, 1971

Kisha Deslee Piggott, Ph.D., M.D.
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Co-Director - Residency Program
Bachelor of Science, Spelman College, 2003
Doctor of Philosophy, Emory University, 2009
Doctor of Medicine, Emory University, 2011

R

Rithwick Rajagopal, M.D.
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Doctor of Medicine, New York University, 2007

Mark S Rallo, O.D.
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Director of Pediatric Optometry PD
Bachelor of Science, Saint Louis University, 1986
Doctor of Optometry, University of Missouri Columbia, 1990

Prabakar Kumar Rao, M.D.
Professor of Ophthalmology and Visual Sciences (primary appointment)
Vice Chair - Clinical Operations
Bachelor of Arts, University of California San Diego, 1991
Doctor of Medicine, University of Southern California, 1995

Margaret Mary McGlynn Reynolds, M.D.
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Science, Creighton University, 2010
Doctor of Medicine, Cornell University, 2014

Juan Gomez Rodriguez
Adjunct Assistant Professor of Ophthalmology

Michael Dennis Rohde, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Valparaiso University (Duplicate of Valparaiso University), 1983
Doctor of Optometry, University of Missouri Columbia, 1987

Louis J Rosenbaum, M.D.
Associate Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, University of Michigan (Duplicate of University of Michigan Ann Arbor), 1959
Doctor of Medicine, Washington University in St Louis, 1963

Mark A Rothstein, M.D.
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Williams College, 1986
Doctor of Medicine, University of Utah, 1991

Michael B Rumelt, M.D.
Assistant Professor Emeritus of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Lamar University, 1962
Doctor of Medicine, Washington University in St Louis, 1966

Philip A Ruzycki, Ph.D.
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Assistant Professor of Genetics
Bachelor of Science, Davidson College, 2008
Doctor of Philosophy, Washington University in St Louis, 2018

S

Scott Geoffrey Sagett
Instructor in Clinical Ophthalmology and Visual Sciences

Mickey L Salmon, M.D.
Instructor Emeritus in Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Saint Louis University, 2001
Doctor of Medicine, Saint Louis University, 2005

Frederick W Schwagger, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Illinois College of Optometry, 1957
Doctor of Optometry, Illinois College of Optometry, 1957

Christopher G Seep, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, University of Missouri Columbia, 1971
Doctor of Optometry, University of Missouri in St Louis, 1984

David Brian Seibel, O.D.
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, University of Missouri Columbia, 1987

James Banks Shepherd, M.D.
Associate Professor of Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Arts, Amherst College, 1992
Doctor of Medicine, Columbia University, 1997

Priya Saigal Shetty, M.D.
Instructor in Clinical Ophthalmology and Visual Sciences
Doctor of Medicine, University of Michigan (Duplicate of University of Michigan Ann Arbor), 2007

Arsham Sheybani, M.D.
Associate Professor of Ophthalmology and Visual Sciences (primary appointment)
Director - Residency Program
Doctor of Medicine, Washington University in St Louis, 2008

**Steven M Shields, M.D.**
Assistant Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Washington University in St Louis, 1981
Doctor of Medicine, Washington University in St Louis, 1986

**Alan Siehls, Ph.D.**
Professor of Ophthalmology and Visual Sciences (primary appointment)
Professor of Genetics
Doctor of Philosophy, University of London, 1983

**Howard Newton Short, M.D.**
Instructor in Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Washington University in St Louis, 1974
Doctor of Medicine, Saint Louis University, 1978

**Erin Gwen Sieck, M.D.**
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Bachelor of Arts, University of Missouri Kansas City, 2013
Doctor of Medicine, University of Missouri Kansas City, 2015

**Carla J Siegfried, M.D.**
Professor of Ophthalmology (primary appointment)
Vice Chair - Diversity, Equity and Professionalism
Jacquelyn E and Allan E Kolker M.D. Distinguished Professor of Ophthalmology
Bachelor of Arts, University of Missouri Kansas City, 1989
Doctor of Medicine, University of Missouri Kansas City, 1989

**Charles D Signorelli, O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, School Not Listed, 1957
Doctor of Optometry, School Not Listed, 1957

**Morton Edward Smith, M.D.**
Professor Emeritus of Ophthalmology and Visual Sciences
Associate Dean Emeritus for Post-Graduate Education
College Park), 1956
College Park), 1960

**Claud Randall Snowden, O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, Illinois College of Optometry, 1972
Doctor of Optometry, Illinois College of Optometry, 1974

**Craig H Sorce, O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Arts, Southern Illinois University (Duplicate of Southern Illinois University Carbondale), 1988
Doctor of Optometry, University of Missouri Columbia, 1992

**Florentina Soto Lucas, Ph.D.**
Associate Professor of Ophthalmology and Visual Sciences (primary appointment)
Doctor of Philosophy, University of Alicante, 1992

**Mark H Spurrier, M.D.**
Instructor in Clinical Ophthalmology and Visual Sciences
Bachelor of Arts, Kansas State University, 1976
Doctor of Medicine, Washington University in St Louis, 1980

**Joseph Steska, O.D.**
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Doctor of Optometry, Illinois College of Optometry, 2009

**Arthur Waldo Stickel, M.D.**
Assistant Professor Emeritus of Clinical Ophthalmology and Visual Sciences
Doctor of Medicine, University of Oklahoma, 1943

**Michael Vincent Stock, M.D.**
Instructor in Ophthalmology and Visual Sciences (primary appointment)
Doctor of Medicine, Washington University in St Louis, 2012

**James F Strieter, M.B.A., O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Bachelor of Science, School Not Listed, 1953
Doctor of Optometry, School Not Listed, 1954
Master of Business Administration, Southern Illinois University Edwardsville, 1988

**Leanne Denise Stunkel, M.D.**
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)
Assistant Professor of Neurology
Bachelor of Arts, Johns Hopkins University, 2008
Doctor of Medicine, Cornell University, 2014

**Brian Patrick Sumner, O.D.**
Adjunct Instructor in Ophthalmology and Visual Sciences
Doctor of Optometry, Illinois College of Optometry, 1978

**Kenneth V Swanson**
Instructor in Clinical Ophthalmology and Visual Sciences

**T**

**Paul M Tesser, Ph.D., M.D.**
Associate Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Massachusetts Institute of Technology, 1981
Doctor of Philosophy, State University of New York at Stonybrook, 1990
Doctor of Medicine, State University of New York at Stonybrook, 1991

**Matthew A Thomas, M.D.**
Professor of Clinical Ophthalmology and Visual Sciences
Bachelor of Science, Harvard University, 1977
Doctor of Medicine, Harvard University, 1991  
**Linda Mei-Lin Tsai, M.D.**  
Professor of Ophthalmology and Visual Sciences (primary appointment)  
Bachelor of Arts, Northwestern University, 1990  
Doctor of Medicine, Northwestern University, 1995  
**Robert Lawrence Tychsen, M.D.**  
Professor of Ophthalmology and Visual Sciences (primary appointment)  
Professor of Neuroscience  
Professor of Ophthalmology and Visual Sciences in Pediatrics  
John F Hardesty MD Distinguished Professor of Ophthalmology and Visual Sciences  
Bachelor of Science, Georgetown University, 1975  
Doctor of Medicine, Georgetown University, 1979  

**V**  
**Gregory Paul Van Stavern, M.D.**  
Professor of Ophthalmology and Visual Sciences (primary appointment)  
Professor of Neurology  
Robert C. Drews Distinguished Professor in Ophthalmology  
Bachelor of Science, La Salle University, 1989  
Doctor of Medicine, Pennsylvania State University, 1993  
**Gary Lee Vogel, O.D.**  
Adjunct Instructor in Ophthalmology and Visual Sciences  
Bachelor of Arts, University of Iowa, 1970  
Main Campus), 1977  

**W**  
**James J Wachter, O.D.**  
Adjunct Instructor in Ophthalmology and Visual Sciences  
Bachelor of Arts, Saint Louis University, 1987  
Bachelor of Science, Illinois College of Optometry, 1990  
Doctor of Optometry, Illinois College of Optometry, 1991  
**Donald E Walter, O.D.**  
Adjunct Instructor in Ophthalmology and Visual Sciences  
Bachelor of Science, University of Houston, 1971  
Doctor of Optometry, University of Houston, 1972  
**William Lee Walter, M.D.**  
Assistant Professor of Clinical Ophthalmology and Visual Sciences  
Bachelor of Arts, De Paul University, 1950  
Main Campus), 1954  
**Stephen R Waltman, M.B.A., M.D.**  
Professor of Clinical Ophthalmology and Visual Sciences  
Master of Business Administration, Washington University in St Louis, 1900  
Bachelor of Science, Massachusetts Institute of Technology, 1961  
Doctor of Medicine, Yale University, 1964  

**Stephen Alan Wexler, M.D.**  
Professor of Ophthalmology and Visual Sciences (Pending Executive Faculty Approval) (primary appointment)  
Bachelor of Science, University of Michigan Ann Arbor, 1977  
Doctor of Medicine, University of Michigan Ann Arbor, 1982  
**Richard Harris Wieder, M.D.**  
Associate Professor of Ophthalmology and Visual Sciences (primary appointment)  
Bachelor of Science, University of Illinois, 1982  
Doctor of Medicine, University of Illinois, 1986  
**Philip Raymond Williams, Ph.D.**  
Assistant Professor of Ophthalmology and Visual Sciences (primary appointment)  
Assistant Professor of Neuroscience  
Doctor of Philosophy, Washington University in St Louis, 2009  
**Michael L Wolf, O.D.**  
Adjunct Instructor in Ophthalmology and Visual Sciences  
Bachelor of Science, University of Missouri Columbia, 1979  
Doctor of Optometry, University of Missouri Columbia, 1987  
**Ming-Fong Agnes Wong, Ph.D., M.D.**  
Adjunct Professor of Ophthalmology and Visual Sciences  
Bachelor of Arts, Boston University, 1990  
Doctor of Medicine, McGill University, 1994  
Doctor of Philosophy, University of Toronto, 2001  

## Research Electives

### Ophthalmology and Visual Sciences Research Electives

During the fourth year, opportunities exist for many varieties of advanced clinical or research experiences. Below is a list of faculty that have ongoing research projects that involve medical students. If a student is interested in working with a faculty member that is not listed below, they can contact the faculty directly to see if there are any research opportunities in their lab.

All residents are encouraged to pursue projects in laboratory or clinical investigation. Research familiarizes the resident with the limitations of laboratory methodology, provides a background for evaluating the literature, helps to develop critical thinking, and allows for a better informed choice for career goals. The type of project is the choice of the resident, and a wide range of opportunities are available. An annual Rosenbaum Research Award of $1,000 is presented to the resident who performs the most exciting research. The department emphasizes basic science research as well as clinical research. Basic science research currently involves five principal areas: Neurobiology, Immunology, Molecular Biology, Pharmacology/Physiology, and Clinical Studies and Outcomes Research. There are many opportunities for research in clinical areas as well.
Further descriptions of our research labs can be found on the Research Opportunities page (https://ophthalmology.wustl.edu/research-opportunities/) of the Department of Ophthalmology & Visual Sciences website.

Basic Science Research

- Dr. Steven Bassnett (https://ophthalmology.wustl.edu/items/bassnett-lab/): Pseudoexfoliation syndrome and glaucoma; refraction development; mouse models of ectopia lentis
- Dr. Shiming Chen (https://ophthalmology.wustl.edu/items/chen-lab/): Bedside to bench: phenotype-genotype correlations of CRX retinopathies
- Dr. Mae Gordon (https://ophthalmology.wustl.edu/items/gordon-lab/ and Dr. Philip Ruzycki (https://ophthalmology.wustl.edu/people/philip-ruzycki-phd/): Microbiome assays of normal eyes and eyes presenting with conjunctivitis
- Dr. Lynn Hassman (https://physicians.wustl.edu/people/lynn-m-hassman-md-phd/): Single-cell transcriptomics of ocular inflammatory cells in uveitis
- Dr. Todd Margolis (https://ophthalmology.wustl.edu/items/margolis-lab/): Regulation of latent infection with herpes simplex virus
- Dr. Joshua Morgan (https://sites.wustl.edu/morganlab/): Downstream circuit degeneration in a mouse glaucoma model
- Dr. Philip Williams (https://sites.wustl.edu/williams/home/): Retinal ganglion cell degeneration and axon regeneration in mouse glaucoma
- Dr. Alan Shiels (https://ophthalmology.wustl.edu/people/alan-shiels-phd/): Molecular genetics of pediatric cataracts and associated eye disorders
- Dr. Carla Siegfried (https://ophthalmology.wustl.edu/people/carla-siegfried-md/): Differential gene expression and mitochondrial function studies of trabecular meshwork cells; racial disparities of open-angle glaucoma
- Dr. Margaret Reynolds (https://ophthalmology.wustl.edu/people/margaret-reynolds-md/): Occupational therapy interventions for patients with low vision; inherited eye diseases; retinopathy of prematurity; refractive surgery; autism spectrum disorder
- Dr. Todd Margolis (https://ophthalmology.wustl.edu/people/todd-margolis-md-phd/): Clinical studies of patients with ocular graft-versus-host disease and superior limbic keratoconjunctivitis, including role of the ocular surface microbiome; pathology studies of autonomic innervation of corneal buttons from patients with herpes simplex virus and herpes zoster ophthalmicus
- Dr. P. Kumar Rao (https://physicians.wustl.edu/people/p-kumar-rao-md/): Vitreous proteomics
- Dr. Lawrence Tychsen (https://ophthalmology.wustl.edu/items/tychsen-lab/): Amblyopia; eye movements; pediatric refractive surgery
- Dr. Gregory P. Van Stavern (https://ophthalmology.wustl.edu/people/gregory-van-stavern-md/): Opportunities in neuro-ophthalmology
- Dr. Carla Siegfried (https://ophthalmology.wustl.edu/people/carla-siegfried-md/): Ethical issues in patient care; outcomes in glaucoma care
- Dr. Leanne Stunkel (https://ophthalmology.wustl.edu/people/leanne-stunkel-md/): Opportunities in neuro-ophthalmology; diagnostic errors in medicine

Quality Improvement Research

- Dr. Phil Custer (https://ophthalmology.wustl.edu/people/philip-custer-md-facs/): Resident-initiated patient safety and quality improvement projects

Translational Research

- Dr. Robi Maamari (https://ophthalmology.wustl.edu/people/robi-maamari-md/): Translational research opportunities for those interested in the development of ophthalmic diagnostic devices (i.e., image-based diagnostics)

Courses

Curriculum courses (p. 12) for Ophthalmology and Visual Sciences are listed below.

Gateway Curriculum

Under the new Gateway Curriculum, medical students spend their four years split among three phases. Phase 1 involves the first 16 months of medical school. During Phase 1, students participate in three Procedural Immersions, which are three-week-long clinical and surgical experiences. The primary goals of the Procedural Immersions are to socialize the student to different clinical settings, to hone their clinical skills, and to allow them to explore the impact of society and health systems on an individual patient’s health. This 360-degree approach to early
clinical exposure allows students to view practicing medicine through physician, patient, and systems lenses. In these rotations, medical students will often focus on longitudinal patient care by following a specific patient from the time they arrive until they leave and seeing how all health care team members are involved in that patient's visit. During the Ophthalmology Procedural Immersion, students spend time in the University Eye Clinic and in the pediatric and adult subspecialty clinics and operating rooms, and they attend rounds with an inpatient consult team. This early exposure to clinical experience helps students to contextualize the classroom and clinical learning that they continue with over the next two phases.

The basic and clinical science of ophthalmology is taught in Phase 1 during Module 7: Brain and Behavior. During this module, the students will spend time learning about eye anatomy and physiology, the visual pathways in the brain, and the mechanisms of extraocular movements. The students participate in interactive case sessions that reinforce the material and encourage students to practice their critical thinking and eye examination skills.

During Phase 3, medical students will have opportunities to participate in electives in ophthalmology and advanced clinical rotations in ophthalmology. These will allow students to obtain further experience in clinical ophthalmology to strengthen their clinical knowledge and examination skills. The students will work closely with the ophthalmology residents and review the differential diagnosis of the “red eye,” the interpretation of an ophthalmologic consult note, and the handling of ocular emergencies. During this rotation, there is again emphasis on the use of the ophthalmoscope. Additional clinical skills introduced to rotating students include the use of the slit lamp and indirect ophthalmoscopy.

Legacy Curriculum: Fourth Year

The Ophthalmology Sub-Internship Rotation occurs during this time. During the month of June during their fourth year, students interested in pursuing a career in ophthalmology are encouraged to complete this intensive four-week rotation. Students will have personal indirect ophthalmoscopy lenses available for use on the rotation. Formal didactic sessions and workshops will be used to teach students how to perform a detailed ophthalmic history and exam, including the mastery of advanced slit lamp techniques and indirect fundoscopy. Students present a case at the department's grand rounds. By the end of the rotation, students will be expected to function at the level of a first-year ophthalmology resident.

Curriculum Courses

M50 Ophth 801 Ophthalmology Subinternship

This elective is for senior students who plan to apply for a residency in Ophthalmology. In accordance with any subspecialization, medical students will be expected to function at the level of a beginning first-year ophthalmology resident on this rotation. The students will rotate through the resident eye clinic and the subspecialty clinics of the full time faculty of the Washington University Medical School Department of Ophthalmology and Visual Sciences (e.g., neuro-ophthalmology service, cornea/external disease service, etc.). Students may opt to check out indirect ophthalmoscopy lenses that may be used for the month to facilitate the acquisition of fundoscopy skills. During the rotation, the student's responsibilities range from observation to working at a resident level and completing full eye examinations. There will be a rigorous academic curriculum for the rotation, including a weekly case presentation, weekly attendance at grand rounds, and a mix of medical student-oriented and resident-oriented conferences. On day one, students will receive a rotating call schedule for the entire month. A medical student is expected to be present at all times to assist the primary call ophthalmology resident during the rotation. By the end of the four-week rotation, the student is expected to be proficient in taking an ocular history and performing a complete eye exam including slit lamp biomicroscopy and indirect ophthalmoscopy. All students interested in this senior elective must contact Course Director in March of year WUMS-III. The final grade of the student is determined by input from the director of the particular service(s) through which the student rotated, plus the case presentations.

M50 Ophth 805 Ophthalmology

The Ophthalmology elective is designed to provide a foundational experience in clinical and surgical ophthalmology for medical students. Time will be divided between the University Eye Service clinic, adult inpatient consults, pediatric ophthalmology, and other ophthalmology subspecialties. The amount of time at each location will depend on length of the rotation and the student's specific interests. There are didactic sessions with Dr. Andrew Lee and Dr. Cynthia Montana during which the students present their own cases. In addition, there are continuing opportunities to attend educational conferences. At the end of the experience, the student is expected to be familiar with the routine eye exam, common eye conditions and their treatment, and the use of the slit lamp and ophthalmoscope.

M50 Ophth 816 Away Rotation in Ophthalmology

This four-week elective is for senior students from medical schools across the United States who are in good standing at their home institution and who are planning to apply for a residency in ophthalmology. To enroll in this elective, students must first apply online for the elective via the visiting student application service (VSAS). These applications will be reviewed and invitations will then be sent to individuals to enroll in the elective. Due to large demand, not all eligible away students will be accepted for the rotation. The dates for this elective are not flexible. The students will rotate through the resident eye clinic and the subspecialty clinics of the full time faculty of the Washington University Medical School Department of Ophthalmology and Visual Sciences (e.g., neuro-ophthalmology service, cornea/external disease service, etc.). In exchange for a refundable deposit, students may opt to check-out indirect ophthalmoscopy lenses that may be used for the month to facilitate the acquisition of fundoscopy skills. During the rotation, the student's responsibilities range from observation (including observing surgery) to working at a resident level and completing
full eye examinations. Didactics will include weekly case presentation sessions, weekly attendance at grand rounds, and a mix of medical student-oriented and resident-oriented conferences. Also, there will be medical student-oriented workshops to learn the basics of the slit lamp and indirect ophthalmoscopy. On day one, students will receive a schedule of conferences that they are expected to attend during the month. By the end of the four-week rotation, the student is expected to be proficient in taking an ocular history and performing a complete eye exam including slit lamp biomicroscopy and indirect ophthalmoscopy.

M50 Ophth 900 Research Elective - Ophthalmology
Research opportunities may be available. If interested, please contact the Department of Ophthalmology.