Transactions of the American Ophthalmological Society Volume CIV

One Hundred and Forty-Second Annual Meeting

The Ritz-Carlton Half Aloon Bay, California 2006

Published for the American Ophthalmological Society

San Francisco, California 2006

TABLE OF CONTENTS THE AMERICAN OPHTHALMOLOGICAL SOCIETY 2006

OFFICERS AND COUNCIL	v
PRESIDENTS OF THE SOCIETY	vi
RECIPIENTS OF THE LUCIEN HOWE MEDAL	viii
FREDERICK H. VERHOEFF LECTURERS MEMBERS	ix x
NECROLOGY	A
IN MEMORIUM	1
MINUTES OF THE PROCEEDINGS	•
Introduction	11
PAPERS: MONDAY, MAY 22	11
EXECUTIVE SESSION PERCONT OF THE SUPERA DIV. THE ASSURED	11
REPORT OF THE SECRETARY-TREASURER REPORT OF THE COMMITTEE ON THESES	12 12
REPORT OF THE EDITOR	12
REPORT OF THE PROGRAM COMMITTEE	12
REPORT OF THE COMMITTEE ON MEMBERSHIP	12
REPORT OF THE ARCHIVIST/PHOTOGRAPHER REPORT OF THE EMERITUS COMMITTEE	12 13
REPORT OF THE EMERITOS COMMITTEE REPORT OF THE REPRESENTATIVE TO THE PAN-AMERICAN ASSOCIATION OF OPHTHALMOLOGISTS	13
REPORT OF THE REPRESENTATIVE TO THE AMERICAN COLLEGE OF SURGEONS	14
REPORT OF THE REPRESENTATIVE TO THE AMERICAN ORTHOPTIC COUNCIL	14
REPORT OF THE REPRESENTATIVE TO THE COUNCIL OF THE AMERICAN ACADEMY OF OPHTHALMOLOGY REPORT OF THE CHAIR OF THE COUNCIL	15 16
REPORT OF THE CHAIR OF THE COUNCIL REPORT OF THE PRESIDENT	17
PAPERS: TUESDAY, MAY 23	19
BANQUET	19
President's Speech	20
REPORT OF THE COMMITTEE ON NEW MEMBERS	21 21
REPORT OF THE COMMITTEE ON NEW MEMBERS REPORT OF THE COMMITTEE ON PRIZES – LUCIEN HOWE MEDAL PRESENTATION	22
PRESENTATION OF NEW PRESIDENT	25
PAPERS: WEDNESDAY, MAY 24	26
MEMBERS IN ATTENDANCE	27
PAPERS	
LIGHT-ADJUSTABLE LENS: CUSTOMIZING CORRECTION FOR MULTIFOCALITY AND HIGHER-ORDER ABERRATIONS CHRISTIAN A. SANDSTEDT* PHD, SHIAO H. CHANG PHD, ROBERT H. GRUBBS PHD, AND DANIEL M. SCHWARTZ MD	29
CLINICAL RESULTS WITH THE TRABECTOME, A NOVEL SURGICAL DEVICE FOR TREATMENT OF OPEN-ANGLE	40
GLAUCOMA DON MINCKLER MD,* GEORGE BAERVELDT MD, MARINA ALFARO RAMIREZ MD, SAMEH MOSAED MD, RICHARD WILSON MD, TAREK SHAARAWY MD, BAREND ZACK MD, LAURIE DUSTIN MS, AND BRIAN FRANCIS MD	
SUBCLINICAL CARRIERS AND CONVERSIONS IN LEBER HEREDITARY OPTIC NEUROPATHY: A PROSPECTIVE	51
PSYCHOPHYSICAL STUDY ALFREDO A. SADUN MD, PHD, * SOLANGE R. SALOMAO PHD, ADRIANA BEREZOVSKY PHD, FEDERICO SADUN MD, ANNA MARIA DENEGRI MD, PETER A. QUIROS MD, FILIPE CHICANI MD, DORA VENTURA MD, PIERO BARBONI MD, JEROME SHERMAN OD, ERICH SUTTER PHD, RUBENS BELFORT JR MD, PHD, AND VALERIO CARELLI MD, PHD	
DETECTION OF HELICOBACTER PYLORI AND CHLAMYDIA PNEUMONIAE GENES IN PRIMARY ORBITAL LYMPHOMA CHI-CHAO CHAN MD, * DEFEN SHEN PHD, MANABU MOCHIZUKI MD, PHD, JOHN A. GONZALES BS, HUNTER K.L. YUEN MD, YAN GUEX-CROSIER MD, AND PHUC LEHOANG MD, PHD	62
THE ROLE OF THE MULTIFOCAL VISUAL EVOKED POTENTIAL (MFVEP) LATENCY IN UNDERSTANDING OPTIC NERVE AND RETINAL DISEASES DONALD C. HOOD PHD, * JOHN Y. CHEN MD, E. BO YANG MD, CHRIS RODARTE MD, ADAM S. WENICK MD PHD, TOMAS M. GRIPPO MD, JEFFREY G. ODEL MD, AND ROBERT RITCH MD	71
A Physiologic Reduced Oxygen Protocol Decreases The Incidence Of Threshold Retinopathy Of	78
PREMATURITY KENNETH W. WRIGHT MD, * DAVID SAMI MD, LISA THOMPSON MD, RANGASAMY RAMANATHAN MD, ROY JOSEPH MMED FRCPCH, AND SONAL FARZAVANDI FRCS	
IMMUNOHISTOCHEMISTRY AND ELECTRON MICROSCOPY OF EARLY-ONSET FUCHS CORNEAL DYSTROPHY IN THREE CASES WITH THE SAME L450W COL8A2 MUTATION	85
CHENG ZHANG MD, W. ROBERT BELL MD, OLOF H. SUNDIN PHD, ZENAIDA DE LA CRUZ BS, WALTER J. STARK MD, W. RICHARD GREEN MD, AND JOHN D. GOTTSCH MD*	

THE RELATIONSHIP OF RETINOPATHY IN FERSONS WITHOUT DIABETES TO THE 13-TEAR INCIDENCE OF DIABETES	90
AND HYPERTENSION: BEAVER DAM EYE STUDY RONALD KLEIN MD, MPH,* BARBARA E. K. KLEIN MD, MPH, SCOT E. MOSS MA, AND TIEN Y. WONG MD, PHD	
PERSISTENT PLACOID MACULOPATHY: A NEW CLINICAL ENTITY	108
PAMELA R. GOLCHET MD, * LEE M. JAMPOL MD, DAVID WILSON MD, LAWRENCE A. YANNUZZI MD, MICHAEL OBER MD, AND EDWARD STROH MD	100
IMPACT OF EVAPORATION ON AQUEOUS TEAR LOSS	121
JAMES P. MCCULLEY MD, * EDUARDO UCHIYAMA MD, JOEL D. ARONOWICZ MD, AND IGOR A. BUTOVICH PHD	121
THE FAILURE RATE OF CANDIDATES FOR BOARD CERTIFICATION: AN EDUCATIONAL OUTCOME MEASURE	129
DENIS M. O'DAY MD, * AND CHUN LI PHD	
Does The Intraocular Pressure Effect On Optic Disc Cupping Differ by Age? BARBARA E. K. KLEIN MD MPH,* RONALD KLEIN MD MPH, KRISTINE E. LEE MS, AND CAROL J. HOYER BS	143
MAINTENANCE OF WARFARIN ANTICOAGULATION FOR PATIENTS UNDERGOING VITREORETINAL SURGERY	149
POUYA N. DAYANI MD, AND M. GILBERT GRAND MD*	
THE IMPACT OF OPTICAL COHERENCE TOMOGRAPHY ON SURGICAL DECISION MAKING IN EPIRETINAL	161
MEMBRANE AND VITREOMACULAR TRACTION	
DIANA V. DO MD, MINHEE CHO MD, QUAN DONG NGUYEN MD MSC, SYED MAHMOOD SHAH MD, JAMES T. HANDA MD, PETER A. CAMPOCHIARO MD, INGRID ZIMMER-GALLER MD, JENNIFER U. SUNG MD, AND JULIA A. HALLER MD*	
RISK OF RETINAL DETACHMENT AFTER CATARACT EXTRACTION, 1980-2004: A POPULATION-BASED STUDY	167
JAY C. ERIE MD, * MATTHEW E. RAECKER BA, KEITH H. BARATZ MD, CATHY D. SCHLECK BS, AND DENNIS M. ROBERTSON MD	
INTRAOCULAR LENS IMPLANTATION IN PEDIATRIC EYES WITH POSTERIOR LENTIGLOBUS	176
M. EDWARD WILSON JR MD, * AND RUPAL H. TRIVEDI MD MSCR	170
	102
GENOTYPE AND PHENOTYPE CORRELATIONS IN CONGENITAL GLAUCOMA DAVID A. HOLLANDER MD, MBA, * MANSOOR SARFARAZI PHD, IVAYLO STOILOV MD, IRMGARD S. WOOD, DOUGLAS	183
R. Fredrick MD, and Jorge A. Alvarado MD	
REDUCTION OF PREOPERATIVE CONJUNCTIVAL BACTERIAL FLORA WITH THE USE OF MUPIROCIN NASAL	196
OINTMENT TERRY J. ALEXANDROU MD, SEENU M. HARIPRASAD MD, * JOSEPH BENEVENTO MD, MICHAEL P. RUBIN MD, MICHAEL SAIDEL MD, SUSAN KSIAZEK MD, KENNETH THOMPSON PHD, SUE BOONLAYANGOOR PHD, AND WILLIAM F. MIELER MD	
OPTIC DISC IMAGING IN PERIMETRICALLY NORMAL EYES OF GLAUCOMA PATIENTS WITH UNILATERAL FIELD LOSS	202
Joseph Caprioli MD, * Kouros Nouri-Mahdavi MD, Simon K. Law MD PharmD, and Federico Badalà, MD	
NEW SURGICAL APPROACHES TO THE MANAGEMENT OF KERATOCONUS AND POST-LASIK ECTASIA BRYAN U. TAN MD, TRACY L. PURCELL PHD, LUIS F. TORRES MD PHD, AND DAVID J. SCHANZLIN MD*	212
PRELIMINARY ANALYSIS OF THE FINAL MULTICENTER INVESTIGATION OF RHEOPHERESIS FOR AMD TRIAL	221
(MIRA-1) RESULTS	
JOSE S. PULIDO MD MPH, * JEFFREY L. WINTERS MD, AND DAVID BOYER, MD	
SENILE PANRETINAL CONE DYSFUNCTION IN AGE-RELATED MACULAR DEGENERATION (AMD): A REPORT OF 52	232
AMD PATIENTS COMPARED TO AGE-MATCHED CONTROLS SHAWN RONAN MD, STEVE NUSINOWITZ PHD, ANAND SWAROOP PHD, AND JOHN R. HECKENLIVELY MD*	
RISK FACTORS FOR THE DEVELOPMENT OF APHAKIC GLAUCOMA AFTER CONGENITAL CATARACT SURGERY	241
TERESA C. CHEN MD, * LINI S. BHATIA MD, ELKAN F. HALPERN PHD, AND DAVID S. WALTON, MD	2.1
NEURAL RESPONSES ELICITED BY ELECTRICAL STIMULATION OF THE RETINA	252
SHIH-JEN CHEN MD, MANJUNATHA MAHADEVAPPA PHD, ROBERTO ROIZENBLATT MD, JAMES WEILAND PHD, and	232
MARK HUMAYUN MD PHD	
POSTERS	
THE ABRIDGED AOS THESIS: A 50-YEAR SURVEY	260
KIRK R. WILHELMUS MD PHD*	200
CLINICOPATHOLOGIC CORRELATIONS OF WOUND STRENGTH AND TRANSPARENCY IN HUMAN DONOR CORNEAS	260
AFTER LASER IN SITU KERATOMILEUSIS (LASIK)	200
HANS E. GROSSNIKLAUS MD*, DANIEL G. DAWSON MD, INGO SCHMACK MD, GEORGE O. WARING II MD, HENRY F.	
EDELHAUSER PHD	
PROGNOSTIC FACTORS FOR VISUAL FIELD PROGRESSION IN THE ADVANCED GLAUCOMA INTERVENTION STUDY: A	260
RECURSIVE PARTITIONING ANALYSIS	
Joseph Caprioli MD*, Kouros Nouri Mahdavi MD, and Federico Badala MD	

COMBINED POSITRON EMISSION TOMOGRAPHY / COMPUTED TOMOGRAPHY FOR EVALUATION OF PRESUMED	261
Choroidal Metastases Mark J. Donaldson MBS*, Jose S. Pulido MD MPH, Brian P. Mullan MD, David J. Inwards MD, Herb Cantrill MD, Max R. Johnson MD, Min-Kyu Han MD, Leonid Skorrin Jr DO, Tom Link CRA	
NITRATE AND AMINO ACIDS LEVELS IN THE VITREOUS OF POLIFERATIVE DIABETIC RETINOPATHY AND THEIR	261
POSSIBLE ROLE IN THE PATHOPHYSIOLOGY OF THE DISEASE	201
SCOTT A. SHIPPY PHD*, JOSE S. PULIDO MD MPH, LEYI GAO, MIAO- JEN LU, COLIN A MCCANNEL MD, R. MARK	
HATFIELD MD, AND ROBERT DUNDERVILL II MD	
CONGENITAL CATARACTS, A NEW FINDING IN WOLFRAM SYNDROME	262
REBECCA BAIRD METS AND MARILYN BAIRD METS MD*	
DOES TITRATION OF MITOMYCIN C INFLUENCE TRABECULECTOMY OUTCOME?	262
Susan J. Lee MD, Augusto Paranhos MD, and M. Bruce Shields MD*	
TRICHOTILLOMANIA: AN OPHTHALMOLOGIST 'S VIEWPOINT	262
ALLAN J. FLACH MD*	
THE CLINICAL PERFORMANCE AND ADVERSE EVENTS OF HIGH DK SILICONE HYDROGEL CONTACT LENSES WORN	263
CONTINUOUSLY (CW) FOR UP TO 30 DAYS IN CLINICAL PRACTICE SETTING IN THE UNITED STATES	
PETER C. DONSHIK MD* , SALLY M. DILLEHAY OD EDD, BILL LONG BS, JOESPH T. BARR OD MS, PETER BERGENSKE OD, GLENDA SECOR OD, JOHN YOAKUM OD	
* Presenter	
Bold type indicates APS member.	
THESES	
CORNEAL ANGIOGENIC PRIVILEGE: ANGIOGENIC AND ANTIANGIOGENIC FACTORS IN CORNEAL AVASCULARITY,	264
VASCULOGENESIS, AND WOUND HEALING (AN AOS THESIS)	
DIMITRI T. AZAR MD	202
THE INFLUENCE OF REFRACTIVE ERROR MANAGEMENT ON THE NATURAL HISTORY AND TREATMENT OUTCOME	303
OF ACCOMMODATIVE ESOTROPIA (AN AOS THESIS)	
BRADLEY CHARLES BLACK MD	222
METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS INFECTIONS OF THE EYE AND ORBIT (AN AOS THESIS)	322
PRESTON HOWARD BLOMQUIST MD	246
Human Adenovirus Type 37 And The Balb/C Mouse: Progress Toward A Restricted Adenovirus Keratitis Model (An Aos Thesis)	346
JAMES CHODOSH MD	
THE EFFECT OF DIFFERENT MONOVISION CONTACT LENS POWERS ON THE VISUAL FUNCTION OF EMMETROPIC	366
PRESBYOPIC PATIENTS (AN AOS THESIS)	300
DANIEL S. DURRIE MD	
ORBSCAN II-ASSISTED INTRAOCULAR LENS POWER CALCULATION FOR CATARACT SURGERY FOLLOWING MYOPIC	402
LASER IN SITU KERATOMILEUSIS (AN AOS THESIS)	102
HENRY GELENDER MD	
THE USE OF THE SCANNING LASER OPHTHALMOSCOPE IN THE EVALUATION OF AMBLYOPIA (AN AOS THESIS)	414
DAVID A. JOHNSON MD PHD	
OPTICAL PRINCIPLES, BIOMECHANICS, AND INITIAL CLINICAL PERFORMANCE OF A DUAL-OPTIC ACCOMMODATING	437
INTRAOCULAR LENS (AN AOS THESIS)	
STEPHEN D. MCLEOD MD	
INTEGRINS IN THE OPTIC NERVE HEAD: POTENTIAL ROLES IN GLAUCOMATOUS OPTIC NEUROPATHY (AN AOS	453
THESIS)	
JOHN C. MORRISON MD	
A SEQUENTIAL, MULTIPLE-TREATMENT, TARGETED APPROACH TO REDUCE WOUND HEALING AND FAILURE OF	478
GLAUCOMA FILTRATION SURGERY IN A RABBIT MODEL (AN AOS THESIS)	
MARK BRIAN SHERWOOD FRCS, FRCP, FRCOPHTH	
LONG-TERM VISUAL OUTCOMES IN EXTREMELY LOW-BIRTH-WEIGHT CHILDREN (AN AOS THESIS)	493
RAND SPENCER MD	
EFFECT OF RAPAMYCIN ON THE FATE OF P23H OPSIN ASSOCIATED WITH RETINITS PIGMENTOSA (AN AOS THESIS)	517
SHALESH KAUSHAL MD PHD	517
GENE TRANSFER FOR THE TREATMENT OF NEOVASCULAR OCULAR DISEASE (AN AOS THESIS)	530
JOHN TIMOTHY STOUT MD PHD MBA	

OFFICERS AND COUNCIL OF THE AMERICAN OPHTHALMOLOGICAL SOCIETY

Elected at the Annual Meeting

May 21-24, 2006

PRESIDENT
DR JOHN G. CLARKSON, MIAMI, FLORIDA

PRESIDENT-ELECT
DR DAN B. JONES, HOUSTON, TEXAS

SECRETARY-TREASURER
DR CHARLES P. WILKINSON, BALTIMORE, MARYLAND

EDITOR OF THE TRANSACTIONS
DR THOMAS J. LIESEGANG, JACKSONVILLE, FLORIDA

COUNCIL

DR TRAVIS A. MEREDITH, CHAPEL HILL, NORTH CAROLINA
DR GEORGE B. BARTLEY, JACKSONVILLE, FLORIDA
DR LEE M. JAMPOL, CHICAGO, ILLINOIS
DR DOUGLAS D. KOCH, HOUSTON, TEXAS
DR MARILYN METS, CHICAGO, ILLINOIS

PRESIDENTS OF THE SOCIETY

- DR EDWARD DELAFIELD, New York 1864-1868
- 1869-1873 DR HENRY W. WILLIAMS, Boston
- 1874-1878 DR C. R. AGNEW, New York
- 1879-1884 DR HENRY D. NOYES, New York
- 1885-1889 DR WILLIAM F. NORRIS, Philadelphia
- 1890-1893 DR HASKET DERBY, Boston
- 1894-1898 DR GEORGE C. HARLAN, Philadelphia
- 1899-1902 DR O. F. WADSWORTH, Boston
- 1903-1905 DR CHARLES S. BULL, New York
 - 1906 DR ARTHUR MATHEWSON, Washington, DC
 - 1907 DR CHARLES J. KIPP, Newark
 - 1908 DR SAMUEL D. RISLEY, Philadelphia
 - 1909 DR S. B. ST JOHN, Hartford
 - 1910 DR SAMUEL THEOBALD, Baltimore
 - 1911 DR EMIL GRUENING, New York
 - 1912 DR EDWARD JACKSON, Denver
 - 1913 DR MYLES STANDISH, Boston
 - 1914 DR ROBERT SATTLER, Cincinnati
 - 1915 DR M. H. POST, St Louis
 - 1916 DR GEORGE E. DE SCHWEINITZ, Philadelphia
 - 1917 DR PETER A. CALLAN, New York
 - 1918 DR WILLIAM H. WILDER, Chicago
 - 1919 DR LUCIEN HOWE, Buffalo
 - 1920 DR HIRAM WOODS, Baltimore
 - 1921 DR JOHN E. WEEKS, New York
 - 1922 DR WILLIAM M. SWEET, Philadelphia
 - 1923 DR WILLIAM H. WILMER, Washington, DC
 - 1924 DR ALEXANDER DUANE, New York
 - 1925 DR CASSIUS D. WESTCOTT, Chicago
 - 1926 DR DAVID HARROWER, Worcester
 - 1927 DR WILLIAM ZENTMAYER, Philadelphia
 - 1928 DR WALTER E. LAMBERT, New York
 - 1929 DR WALTER R. PARKER, Detroit
 - DR WILLIAM CAMPBELL POSEY, Philadelphia 1930
 - 1931 DR ARNOLD KNAPP, New York
 - 1932 DR EDWARD C. ELLETT, Memphis
 - 1933 DR THOMAS B. HOLLOWAY, Philadelphia
 - 1934 DR W. GORDON M. BYERS, Montreal
 - 1935 DR WALTER B. LANCASTER, Boston 1936
 - DR LOUIS S. GREENE, Washington, DC
 - 1937 DR HARRY FRIEDENWALD, Baltimore
 - 1938 DR F. H. VERHOEFF, Boston
 - 1939 DR FREDERICK T. TOOKE, Montreal
 - 1940 DR E. V. L. BROWN, Chicago
 - 1941 DR F. PHINIZY CALHOUN, Atlanta
 - 1942 DR ALLEN GREENWOOD, Boston
 - 1943 DR HUNTER H. MCGUIRE, Winchester, Virginia
 - 1944 DR JOHN GREEN, St Louis
 - 1945 DR S. JUDD BEACH, Portland, Maine
 - 1946 DR EUGENE M. BLAKE, New Haven
 - 1947 DR JOHN W. BURKE, Washington, DC
 - 1948 DR HENRY C. HADEN, Houston
 - 1949 DR BERNARD SAMUELS, New York
 - 1950 DR PARKER HEATH, Boston
 - 1951 DR JOHN H. DUNNINGTON, New York
 - 1952 DR LAWRENCE T. POST, St Louis

Presidents of the Society

- 1953 DR CONRAD BERENS, New York
- 1954 DR WILLIAM L. BENEDICT, Rochester, Minnesota
- 1955 DR EVERETT L. GOAR, Houston
- 1956 DR ALAN C. WOODS, Baltimore
- 1957 DR FREDERICK C. CORDES, San Francisco
- 1958 DR WALTER S. ATKINSON, Watertown, NY
- 1959 DR DERRICK VAIL, Chicago
- 1960 DR ALGERNON B. REESE, New York
- 1961 DR EDWIN B. DUNPHY, Boston
- 1962 DR FRANCIS HEED ADLER, Philadelphia
- 1963 DR PAUL A. CHANDLER, Boston
- 1964 DR MAYNARD C. WHEELER, New York
- 1965 DR FRANK B. WALSH, Baltimore
- 1966 DR WILFRED E. FRY, Philadelphia
- 1967 DR PHILLIP M. LEWIS, Memphis
- 1968 DR GORDON C. BRUCE, New York
- 1969 DR JAMES N. GREEAR, Reno
- 1970 DR C. WILBUR RUCKER, Rochester, Minnesota
- 1971 DR DOHRMANN K. PISCHEL, San Francisco
- 1972 DR TRYGVE GUNDERSEN, Boston
- 1973 DR ARTHUR GERARD DEVOE, New York
- 1974 DR WILLIAM P. MCGUIRE, Winchester, Virginia
- 1975 DR M. ELLIOTT RANDOLPH, Baltimore
- 1976 DR JOSEPH A. C. WADSWORTH, Durham
- 1977 DR DAVID O. HARRINGTON, San Francisco
- 1978 DR SAMUEL D. MCPHERSON, JR., Durham
- 1979 DR F. PHINIZY CALHOUN, JR., Atlanta
- 1980 DR JOHN WOODWORTH HENDERSON, Ann Arbor
- 1981 DR WILLIAM F. HUGHES, Chicago
- 1982 DR ROBERT W. HOLLENHORST, Rochester, Minnesota
- 1983 DR CLEMENT MCCULLOCH, Toronto
- 1984 DR ROBERT N. SHAFFER, San Francisco
- 1985 DR DUPONT GUERRY III, Richmond
- 1986 DR A. EDWARD MAUMENEE, Baltimore
- 1987 DR FRANK W. NEWELL, Chicago
- 1988 DR EDWARD W. D. NORTON, Miami
- 1989 DR DAVID SHOCH, Chicago
- 1990 DR ROBERT E. KENNEDY, Rochester, New York
- 1991 DR FREDERICK C. BLODI, lowa City
- 1992 DR THOMAS P. KEARNS, Rochester, Minnesota
- 1993 DR BRADLEY R. STRAATSMA, Los Angeles
- 1994 DR ROBERT B. WELCH, Annapolis, Maryland
- 1995 DR BRUCE E. SPIVEY, Chicago
- 1996 DR STANLEY TRUHLSEN, Omaha
- 1997 DR WILLIAM H. SPENCER, San Francisco
- 1998 DR W. RICHARD GREEN, Baltimore
- 1999 DR WILLIAM S. TASMAN, Wyndmoor, Pennsylvania
- 2000 DR W. BANKS ANDERSON, JR., Durham
- 2001 DR PAUL R. LICHTER, Ann Arbor
- 2002 DR ROBERT C. DREWS, Clayton, Missouri
- 2003 DR MARILYN T. MILLER, Chicago, Illinois
- 2004 DR FRONCIE A. GUTMAN, Cleveland, Ohio
- 2005 DR J. BROOKS CRAWFORD, San Francisco, California
- 2006 DR DANIEL M. ALBERT, Madison, Wisconsin
- 2007 DR JOHN G. CLARKSON, Miami, Florida

RECIPIENTS OF THE LUCIEN HOWE MEDAL

- 1922 DR CARL KOLLER, New York
- 1923 DR ALEXANDER DUANE, New York
- 1924 DR ERNEST FUCHS, Vienna, Austria
- 1925 No Award
- 1926 DR EDWARD JACKSON, Denver
- 1927 MR PRIESTLY SMITH, Birmingham, England
- 1928 No Award
- 1929 DR THEODOR AXENFELD, Freiburg, Germany
- 1930 No Award
- 1931 No Award
- 1932 DR F. H. VERHOEFF, Boston
- 1933 No Award
- 1934 DR GEORGE E. DE SCHWEINITZ, Philadelphia
- 1935 No Award
- 1936 SIR JOHN HERBERT PARSONS, London, England
- 1937 DR ARNOLD KNAPP, New York
- 1938 No Award
- 1939 No Award
- 1940 No Award
- 1941 No Award
- 1942 DR E. V. L. BROWN, Chicago
- 1943 No Award
- 1944 No Award
- 1945 DR WALTER B. LANCASTER, Boston
- 1946 SIR STEWART DUCK-ELDER, London, England
- 1947 DR LAWRENCE T. POST, St Louis
- 1948 DR WILLIAM ZENTMAYER, Philadelphia
- 1949 DR PHILLIPS THYGESON, San Jose, California
- 1950 DR ALGERNON B. REESE, New York
- 1951 DR JONAS S. FRIEDENWALD, Baltimore
- 1952 DR FRANCIS H. ADLER, Philadelphia
- 1953 DR ALAN C. WOODS, Baltimore
- 1954 DR JOHN H. DUNNINGTON, New York
- 1955 DR ARTHUR J. BEDELL, Albany
- 1956 DR BERNARD SAMUELS, New York
- 1957 DR GEORGIANA DVORAK-THEOBALD, Oak Park, Illinois
- 1958 MISS IDA MANN, Nedlands, Western Australia
- 1959 DR LUDWIG VON SALLMANN, Bethesda, Maryland
- 1960 DR DERRICK T. VAIL, Chicago
- 1961 DR FREDERICK C. CORDES, San Francisco
- 1962 DR FRANK B. WALSH, Baltimore
- 1963 DR EDWIN B. DUNPHY, Boston
- 1964 DR WILLIAM L. BENEDICT, Rochester, Minnesota
- 1965 DR DAVID G. COGAN, Boston
- 1966 DR DOHRMANN K. PISCHEL, San Francisco
- 1967 DR PAUL A. CHANDLER, Boston
- 1968 DR WALTER MORTON GRANT, Boston
- 1969 DR A. EDWARD MAUMENEE, Baltimore
- 1970 DR PETER C. KRONFELD, Chicago
- 1971 DR C. WILBUR RUCKER, Rochester, Minnesota
- 1972 DR WALTER S. ATKINSON, Watertown, New York
- 1973 DR GORDON M. BRUCE, Fort Lee, New Jersey

Recipients of the Howe Medal

- 1974 DR IRVING H. LEOPOLD, New York
- 1975 DR MICHAEL J. HOGAN, San Francisco
- 1976 DR EDWARD W. D. NORTON, Miami
- 1977 DR KENNETH C. SWAN, Portland, Oregon
- 1978 DR S. RODMAN IRVINE, Newport Beach, California
- 1979 DR FRANK W. NEWELL, Chicago
- 1980 DR FREDERICK C. BLODI, lowa City
- 1981 DR DAVID O. HARRINGTON, San Francisco
- 1982 DR ARTHUR GERARD DEVOE, New York
- 1983 DR J. DONALD M. GASS, Miami
- 1984 DR HAROLD G. SCHEIE, Philadelphia
- 1985 DR ROBERT N. SHAFFER, San Francisco
- 1986 DR ROBERT W. HOLLENHORST, Rochester, Minnesota
- 1987 DR DUPONT GUERRY III, Richmond, Virginia
- 1988 DR THOMAS D. DUANE, Philadelphia
- 1989 DR MARSHALL M. PARKS, Washington, DC
- 1990 DR DAVID SHOCH, Chicago
- 1991 DR ARNALL PATZ, Baltimore
- 1992 DR BRADLEY R. STRAATSMA, Los Angeles
- 1993 DR BRUCE E. SPIVEY, San Francisco
- 1994 DR THOMAS P. KEARNS, Rochester, Minnesota
- 1995 DR WILLIAM H. SPENCER, San Francisco
- 1996 DR ROBERT MACHEMER, Durham
- 1997 DR W. RICHARD GREEN, Baltimore
- 1998 DR ALAN B. SCOTT, San Francisco
- 1999 DR LORENZ E. ZIMMERMAN, Washington, DC
- 2000 DR WILLIAM S. TASMAN, Philadelphia
- 2001 DR STANLEY M. TRUHLSEN, Omaha
- 2002 DR CROWELL BEARD, San Jose, California
- 2003 DR ALFRED SOMMER, Baltimore, Maryland
- 2004 DR ARTHUR JAMPOLSKY, Belvedere, California
- 2005 DR STEPHEN J. RYAN, Los Angeles, California
- 2006 DR MATTHEW D. DAVIS, Madison, Wisconsin

FREDERICK H. VERHOEFF LECTURERS

- 1961 DR ARTHUR J. BEDELL
- 1964 SIR STEWART DUKE-EDLER
- 1969 DR DAVID G. COGAN
- 1971 DR LORENZ E. ZIMMERMAN
- 1973 DR IRVING H. LEOPOLD
- 1975 DR ARTHUR GERARD DEVOE
- 1977 Professor Jules Francois
- 1979 DR SAIICHI MISHIMA
- 1983 DR RICHARD W. YOUNG
- 1989 DR FREDERICK C. BLODI
- 1992 DR FRANCIS I. COLLINS
- 1993 DR JORAM PIATIGORSKY
- 1997 DR GEOFFREY ARDEN
- 2002 DR PAUL SIEVING
- 2003 DR THADDEUS P. DRYJA

MEMBERS 2006

Abbott, Richard L. Albert, Daniel M. Alvarado, Jorge A. Anderson, Douglas R. Apple, David J. Asbell, Penny A. Augsburger, James J. Azar, Dimitri T. Bartley, George B. Bateman, J. Bronwyn Beauchamp, George R. Benson, William E. Berler, David K. Berson, Eliot L. Biglan, Albert W. Black, Bradley C. Blair, Norman P. Blankenship, George W. Blomquist, Preston H. Bobrow, James C. Bourne, William M. Brown, Gary C. Caldwell, Delmar R. Cantor, Louis B. Caprioli, Joseph Chan, Chi-Chao Char. Devron H. Chew, Emily Y. Chodosh, James Cibis, Gerhard W. Cioffi, George A. Clarkson, John G. Coats, David K. Coleman, D. Jackson Crawford, J. Brooks Day, Susan H. Donahue, Sean P. Donshik, Peter C. Doughman, Donald J. Durrie, Daniel S. Eagle Jr., Ralph C. Elman, Michael J. Elner, Susan G. Elner, Victor M. Erie, Jay C. Ernest, J. Terry Farris, R. Linsy Federman, Jay L. Feldon, Steven E. Feman, Stephen S. Ferris, Frederick L. Ferry, Andrew P. Flach, Allan J. Flanagan, Joseph C. Flynn, John T. Forster, Richard K. Foster, C. Stephen France, Thomas D. Frank, Robert N.

Friedlaender, Mitchell H. Friedman, Alan H. Frueh, Bartley R. Gaasterland, Douglas E. Gardner, Thomas W. Gelender, Henry Godfrey, William A. Goldbaum, Michael H. Good, William V. Gottsch, John D. Gragoudas, Evangelos S. Grand, M. Gilbert Green, W. Richard Gross, Ronald L. Grossniklaus, Hans E. Gutman, Froncie A. Guvton, David L. Haik, Barrett G. Haller, Julia A. Han. Dennis P. Harris, Gerald J. Heckenlively, John R. Helveston, Eugene M. Hersh, Peter S. Holland, Edward J. Horton, Jonathan C. Hull, David S. Humayun, Mark S. Iliff. Nicholas T. Iliff, W. Jackson Ing, Malcolm R. Jabs, Douglas A. Jaeger, Edward A. Jakobiec, Frederick A. Jampel, Henry D. Jampol, Lee M. Jampolsky, Arthur Johnson, David A. Johnson, Mark W. Jones, Dan B. Kass, Michael A. Katz, Barrett Kaufman, Paul L. Kaushal, Shalesh Kelley, James S. Kennedy, Robert H. Kenyon, Kenneth R. Kivlin, Jane D. Klein, Barbara E. K. Klein, Ronald Knox, David L. Koch, Douglas D. Krachmer, Jay H. Kreiger, Allan E. Lakhanpal, Vinod Lawrence, Mary Gilbert Lemp, Michael A. L'Esperance, Francis A. Lewis, Richard Alan

Lichter, Paul R. Liesegang, Thomas J. Lindstrom, Richard L. Liu, Don Ludwig, Irene H. Luxenberg, Malcolm N. Mannis, Mark J. Maumenee, Irene H. Mazow, Malcolm L. McCulley, James P. McDonald, Marguerite B. McLeod, Stephen D. McMeel, J Wallace Meredith, Travis A. Merriam, John C. Mets, Marilyn B. Metz, Henry S. Mevers, Sanford M. Mieler, William F. Miller, Marilyn T. Mills, Richard P. Minckler, Donald S. Mindel, Joel S. Mitchell, Paul R. Morrison, John C. Nelson, J. Daniel Nirankari, Verinder S. Nork, T. Michael O'Day, Denis M. O'Neill, John F. Packer, Samuel Parrish II. Richard K. Parver, Leonard M. Paysse, Evelyn A. Podos, Steven M. Pollard, Zane F. Pulido, Jose S. Puro, Donald G. Raab, Edward L. Rao, Narsing A. Rapuano, Christopher J. Rich, Larry F. Ritch, Robert Robertson, Dennis M. Robin, Alan L. Rogers, Gary L. Runge, Paul E. Ryan Jr., Stephen J. Sadun, Alfredo A. Schanzlin, David J. Schein, Oliver D. Schocket, Stanley S. Schubert, Hermann D. Schwab, Ivan R. Schwartz, Daniel M. Scott, Alan B. Sebag, Jerry Sergott, Robert C. Sherwood, Mark B.

Members

Shields, Carol L. Shields, Jerry A. Shields, M. Bruce Sieving, Paul A. Small, Kent W. Smith, Ronald E. Smolin, Gilbert Sommer, Alfred Spaeth, George L. Spencer, Rand Srinivasan, B. Dobli Stager Sr., David R. Stamper, Robert L. Stark, Walter J. Steinert, Roger F. Stone, Edwin M. Stout, John T. Sugar, Alan Summers, C. Gail Taylor, Hugh R. Thompson, John T. Tornambe, Paul E. Townsend, William M. Traboulsi, Elias I. Tse, David T. Tso, Mark O. M. Van Buskirk, E. Michael Van Meter, Woodford S. Van Newkirk, Mylan R.

Van Newkirk, Mylan R. Vine, Andrew K. Waltman, Stephen R. Walton, David S. Waring III, George O. Weakley Jr., David R. Weinreb, Robert N. Wilensky, Jacob T. Wilhelmus, Kirk R. Wilkinson, Charles P. Wilson, David J. Wilson Jr., M. Edward Wilson, M. Roy

Wilson, Steven E.
Wood, Thomas O.
Wright, Kenneth W.
Yannuzzi, Lawrence A.
Yeatts, Patrick

Yeatts, Patrick Yee, Robert D. Young, Terri L. Younge, Brian R. Zarbin, Marco A.

EMERITUS MEMBERS 2006

Aaberg Sr., Thomas M. Alper, Melvin G. Anderson Jr., W. Banks Annesley Jr., William H.

Apt, Leonard Asbury, Taylor Baum, Jules L. Becker, Bernard Benedict, Walter H. Bennett, James E.

Berrocal, Jose A. Breinin, Goodwin M. Brockhurst, Robert J. Bronson II, Nathaniel R. Brubaker, Richard F. Bullock, John D.

Burde, Ronald M.
Burton, Thomas C.
Campbell, Charles J.
Campbell, Francis P.
Carr, Ronald E.
Cooper, William C.

Cox Jr., Morton S. Curtin, Brian J. Darrell, Richard W. Davis, Matthew D. Day, Robert M. Dayton Jr., Glenn O. Dellaporta, Angelos

Drews, Robert C. Duke, James R. Durham, Davis G. Dyer, John A.

DeVoe, A. Gerard

Elliott, James H. Ellis, Philip P. Everett, William G. Falls, Harold F.

Forbes, Max Fraunfelder, Frederick T. Frayer, William C.

Freeman, H. MacKenzie

Glew, William B.
Goldberg, Morton F.
Grayson, Merrill
Hagler, William S.
Hamilton, Ralph S.
Harley, Robison D.
Hedges Jr., Thomas R.
Henderson, John Warren
Henderson, John Woodworth

Hiatt, Roger L.

Hollenhorst Sr., Robert W.

Howard, Rufus O. Hyndiuk, Robert A. Irvine, Alexander R. Jarrett II, William H.

Jones, Ira S.

Kaiser-Kupfer, Muriel I. Kearns, Thomas P. Kennedy, Robert E. Kolker, Allan E. Kupfer, Carl Laibson, Peter R. Landers III, Maurice B.

Laties, Alan M. Lawwill, Theodore Levene, Ralph Z. Little, Hunter L. Lloyd, Lois A.

Macdonald Jr., Roderick Manchester Jr., P. Thomas

McCulloch, Clement McDonald, James E. Meyer, Roger F. Miranda Jr., Manuel N. O'Connor, G. Richard O'Rourke, James

O'Rourke, James Okun, Edward Owens, William C. Patz, Arnall Payne, John W. Pico Sr., Guillermo

Pico Sr., Guillermo Pollack, Irvin P. Regan, Ellen F. Richards, Richard D. Robb, Richard M. Rubin, Melvin L. Schultz, Richard O.

Schwartz, Ariah Sears, Marvin L. Shaffer, Robert N. Sherman, Arthur E. Small, Robert G.

Snell, Albert C. Spalter, Harold F. Spaulding, Abbot G. Spencer, William H. Spivey, Bruce E.

Straatsma, Bradley R. Streeten, Barbara W. Swan, Kenneth C. Tasman, William S.

Taylor, Daniel M. Thompson, H. Stanley Troutman, Richard C.

Truhlsen, Stanley M.

Veronneau-Troutman, Suzanne

von Noorden, Gunter K.
Waller, Robert R.
Watzke, Robert C.
Weinstein, George W.
Welch, Robert B.
Wilson Sr., Fred M.
Wilson II, Fred M.
Wilson, R. Sloan

Wolff, Stewart M. Wong, Vernon G. Yanoff, Myron

HONORARY MEMBERS

Zimmerman, Lorenz E.

Members227Emeritus Members119Honorary Members1Total Membership347

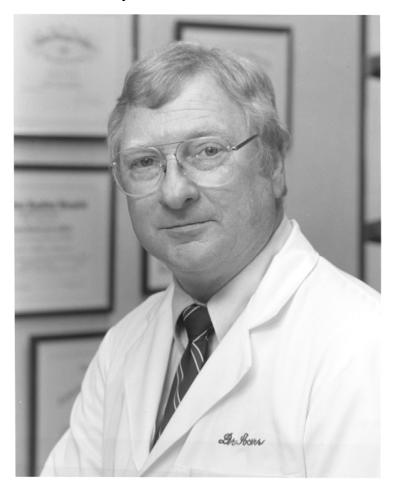
NECROLOGY

In Memorium

THOMAS E. ACERS MD 1981
MANSOUR F. ARMALY MD, ELECTED 1968
WILLIAM H. KNOBLOCH MD, ELECTED 1975
STEVEN G. KRAMER, MD, PHD, ELECTED 1980
MARSHALL M. PARKS, MD ELECTED 1969
PAUL C WETZIG MD, ELECTED 1978

THOMAS E. ACERS, MD

By C. P. Wilkinson MD



Dr. Thomas E. Acers, the first Director of the Dean A. McGee Eye Institute, died suddenly on September 18, 2005 in Oklahoma City, Oklahoma. He had been a member of the American Ophthalmological Society since 1981.

Dr. Acers was born on May 13, 1933 and received his education in the Oklahoma City public schools before attending the University of Oklahoma as both an undergraduate and a medical student. He served his PGY I year at the University of Oklahoma Hospitals before moving to Baltimore and beginning his career in ophthalmology as a resident at the Wilmer Institute, Johns Hopkins Hospital. He then served 2 years in the United States Army Medical Corps before returning to Oklahoma City and joining the practice of his long-time mentor and friend Dr. Tullos Coston, a subsequent AOS member who was the Chairman of the Department of Ophthalmology at the University of Oklahoma on a part-time basis.

Although the Coston-Acers practice included all aspects of comprehensive ophthalmology, the duo brought contemporary retinal surgery to Oklahoma, and Dr. Acers also distinguished himself in the field of neuro-ophthalmology. In 1972, Dr. Acers succeeded Dr. Coston and became the first full-time Chairman at the Department of Ophthalmology, University of Oklahoma, in Oklahoma City. He was instrumental in working with other members of the Oklahoma Eye Foundation to establish the Dean A. McGee Eye Institute, which opened in late 1975, and he served at Chairman of the Department and Director of the Institute until his retirement in 1992. He was responsible for recruiting an outstanding faculty and developing a nationally recognized program. Among his many honors and roles, Dr. Acers received the Honor Award from the American Academy of Ophthalmology and served as President of the Association of University Professors of Ophthalmology. He published many articles on numerous topics. He is survived by his wife Jackie, their 7 children who were brought together by their marriage, 18 grandchildren, and one great-grandchild.

His residents and faculty, whom he regarded as belonging in the greater Acers family, held Dr. Acers in particularly high esteem. In 2004, The Acers Society was established by the alumni of the University of Oklahoma Department of Ophthalmology to support the ophthalmology educations of residents and fellows. A few days prior to his death, Dr. Acers witnessed the publication of his book "A Story of Vision" regarding the unique history of the development of the McGee Eye Institute. However, he unfortunately did not learn of the recent establishment of the Thomas E. Acers Chair in Ophthalmology, as the surprise announcement was to be made in his presence at a meeting scheduled for 8 days after his unexpected death.

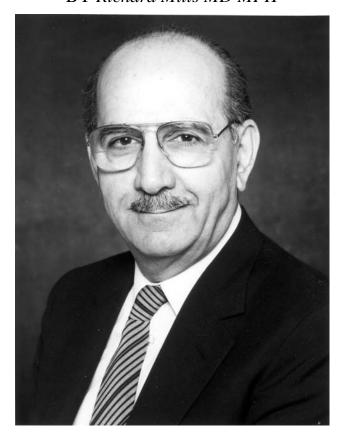
Although his professional and academic contributions and accomplishments can be easily documented and articulated for the

Necrology

proverbial record, it is much more difficult to provide an accurate and meaningful picture of Dr. Acers' personality and its impact upon his patients, peers, students, and friends. His non-bashful, clever, and irreverent sense of humor always seemed to accompany him. I recall him discussing a paper in which he began by stating that "the statistical manipulations employed in this manuscript remind me of an article I recently read that correlated complications of cataract surgery in England with the sale of tennis shoes in China!". This was not atypical. He was a genuine "real character" in ophthalmology, and he will remain most memorable to those with whom he was associated.

MANSOUR F. ARMALY, MD

BY Richard Mills MD MPH



Mansour F. Armaly, M.D., F.A.C.S., F.I.C.S. was born in Shefa Amer, Palestine on February 25, 1927. His medical school and ophthalmology residency were at the American University of Beirut, Lebanon. From there, he secured a two year research fellowship at the University of Iowa, earned an MSc degree, and subsequently joined the full time faculty in 1957. His early research interests included tonometry, tonography, and the influence of the parasympathetic pathway and accommodation on intraocular pressure. He also embarked on an eleven year population study of glaucoma funded by the NIH in nearby Des Moines, examining patients yearly with tonometry, but also with visual field testing and optic disc examination, a concept not widely endorsed at the time. He developed the technique of selective perimetry using the Goldmann instrument, which later became a standard of glaucoma care. He wrote about the cup/disc ratio as a way to describe the optic disc findings on patients with glaucoma. These studies in turn led to the National Collaborative Glaucoma Study, conducted in five major eye centers, funded by NIH, of which he served as study chairman for 13 years. His investigations of families with glaucoma suggested inheritable risk factors for intraocular pressure, outflow facility, C/D ratio, and the steroid hypertensive effect. In the laboratory, he studied aqueous outflow facility and steroid response in monkeys, learning that acid mucopolysaccharides were a regular constituent of the trabecular meshwork.

Dr. Armaly was promoted to full professor at Iowa in 1966, and then was recruited to be the ophthalmology department Chair at George Washington University in Washington, D.C., where he served for 27 years, until his retirement in 1997. He was among the team of surgeons caring for James Brady, the presidential press secretary wounded in the assassination attempt on President Ronald Reagan. He authored over 100 articles in peer-reviewed journals, many book chapters, and was a guest lecturer in countless professional venues. He served on the editorial board of Investigative Ophthalmology, and was a member, then chair of the Visual Sciences study section at NIH. He was a diplomat to the American Board of Ophthalmology. He was elected to the AOS in 1968, and served the Society as a member of the Howe Medal selection committee for over 20 years.

He received many awards and honors during his illustrious career, including the Hektowen Medal and Knapp Award of the AMA, the Fight for Sight Award for best research paper at ARVO, Sir Stewart Duke Elder Gold Medal, Achievement Award of the International Glaucoma Congress, Knight of the Order of the Cedars of the Lebanese government, and University Professor at the University of Paraguay. A lectureship in his name was established last year at the University of Iowa.

He succumbed to cancer after a long battle on August 19, 2005 at the age of 78. He is survived by his wife of 55 years, Aida, and two children, Fareed Armaly of Berlin and Raya Armaly Harrison of Columbia, Maryland, herself an ophthalmologist and glaucoma specialist. He also leaves a brother, four sisters, and two grandsons.

WILLIAM H. KNOBLOCH, MD

BY C Gail Summers MD



Born in Frankfort, Kentucky on December 9, 1926, Dr. William Hunter Knobloch died on June 20, 2005, after complications following cervical spine surgery. Respected by colleagues as an astute clinician and skilled retinal surgeon, Dr. Knobloch will long be remembered for his ability to brilliantly manage his patients' ocular disorders, while never overlooking the fact that they were people in need.

Dr. Knobloch left school in Oklahoma at age 16 to join the US Navy. He was trained in maintaining electronic sonar equipment and served on a submarine, the USS Catfish, in the Pacific. While on leave from duty, he met and married Velva Adams in 1945. Grateful for the educational opportunities offered by his military service, Dr. Knobloch attended Oklahoma State University and the University of Oklahoma School of Medicine, where he graduated with Honors in 1952. Following internship, he began his career in general medicine in North Dakota, where he stayed until 1960. Always an engaging and animated storyteller, his tales about his early years were punctuated by smiles, chuckles, and knee-slapping laughter. His years in the Navy, in college and in North Dakota clearly contributed to building his values of honesty, generosity, and kindness to others.

Dr. Knobloch returned to school in 1960 as a resident in ophthalmology at the University of Minnesota. Following a retinal fellowship with Dr. Paul Cibis in St. Louis, he joined the full-time faculty at the University of Minnesota in 1964. Bill was the first trained retinal surgeon in the area and he remained busy until his retirement in 1996, operating on over 10,000 patients with rhegmatogenous retinal detachments. He was known for his ability to further inquire about a patient's life situation while deftly performing an examination of the anterior segment and retina. He endeared himself to his patients because he listened to their fears and offered comfort. A compassionate word and a kind pat on the back of the hand told the patient that he was sincerely interested in the concerns of the individual. Even when vision couldn't be improved, he offered an encouraging word before a patient left his examining room. He was known not only for his dexterity and efficiency in the operating room, but also for his tendency to whistle or sing a tune while he worked. Dr. Knobloch had the gift of an exceptional memory and could recall names of patients, their pertinent personal and social histories, location of the retinal breaks, and details of the surgeries even years later.

During his time on the faculty, Dr. Knobloch was Residency Program Director and Director of the Vitreo-Retinal Service for several years, in addition to being Interim Chair of the Department from 1990 to 1992. He trained over 160 residents and 8 fellows, setting high expectations, while offering compassionate support. The University of Minnesota School of Medicine honored him with its Distinguished Teaching Award in 1968. Even after retirement, he continued to participate in rounds and conferences, often commenting on subtleties of a fundus photo or offering other ideas to consider in the differential diagnosis. He personally recognized the financial difficulties that medical students often endure and was always grateful for the support he received in his early years.

Necrology

When his wife, Vel, died in 1987, he established the Knobloch Medical Student Scholarship Fund. Generous gifts in his honor were used to establish the William H. Knobloch Lectureship, held annually in the Department, and the William H. Knobloch Endowed Retina Chair.

Dr. Knobloch always had an interest in genetic eye disorders. He was the first to describe the association of hereditary vitreoretinal degeneration, high myopia and encephalocele, which is recognized as Knobloch syndrome. In 1983, he established the University of Minnesota Genetics Eye Clinic, a multi-specialty clinic that continues to provide care by ophthalmologists, geneticists, and genetics counselors within the physical space of the Eye Clinic.

Dr. Knobloch medical and surgical services were not limited to the confines of the University of Minnesota. He generously gave his time and talents to humanitarian efforts in Africa and China. In 1998, Bill received the first Outstanding Humanitarian Service Award from the Minnesota Academy of Ophthalmology for his long history of involvement in charitable care, both locally and internationally. For his outstanding professional contributions to the Medical School, the University and the community, Bill accepted the Harold S. Diehl Award from the University of Minnesota Medical Alumni Society in 2002. Then, in 2004, the Minnesota Academy of Ophthalmology recognized his outstanding service to ophthalmology through patient care, public education, and political advocacy with the Budd Appleton Award. Dr. Knobloch was President of the Minnesota Academy of Ophthalmology and Otolaryngology from 1972 to 1973.

Dr. Knobloch married again in 1989, and he and Donna enjoyed living at their lake home in Wisconsin after their retirement. They traveled and spent winter months in Maui. Bill always wanted to return home by March to begin the process of making maple syrup. Then by summer, he was enjoying his garden harvest of vegetables and shitake mushrooms. Other hobbies included reading, growing bonsai trees and making model boats. As with his professional career, his avocations were marked by intellectual curiosity and a passion for excellence.

Dr. Knobloch is survived by his wife, Donna, three daughters, Linda Schoenbaum, Judith Herrmann, and Sandra Long, son James Knobloch, step-son Jeremy Irlbeck, eleven grandchildren, and fourteen great-grandchildren. He is remembered by countless patients, friends and colleagues for his compassion, dedication and humility.

STEVEN G. KRAMER, MD, PHD

BY Creig S Hoyt MD and Alexander R Irvine MD



Steven G. Kramer, MD, PhD, former Theresa M. and Wayne M. Caygill, MD, Chair in Ophthalmology at the University of California, San Francisco, died of complications of diabetes on December 24, 2005. Dr. Kramer was 64 years old. He spent his entire academic career on the faculty of the University of California, San Francisco. He joined the faculty in 1973 and two short years later was appointed Chair of the Department at the age of 36. He was the youngest Chair of Ophthalmology in the United States at that time. During his tenure as Chair of the Department of Ophthalmology Dr. Kramer saw his full-time faculty increase in numbers by fourfold. In addition, he recruited several basic scientists to join the Beckman Vision Center when it was completed in 1988. Dr. Kramer's ability as a philanthropic leader was perhaps his most noted skill and the Beckman Vision Center Building at UCSF Medical School will continue to be one of his most important legacies.

Dr. Kramer was the son of Drs. Paul and Maria Kramer, both practicing psychiatrists. He attended Harvard College and received his MD degree from Western Reserve University. At the University of Chicago he completed an ophthalmology residency and PhD training. He developed a special expertise in microsurgery and ocular pharmacology. He specialized in anterior segment disease.

Dr. Kramer was a gentle and thoughtful leader. He prided himself on the belief that the glass was always half-full rather than half-empty. Even as academic medicine began to face severe financial and organizational crises, Dr. Kramer continued to adhere to this philosophy. His faculty found that he was always encouraging and supportive even in what appeared to be the most dire of circumstances.

As the result of his vision and leadership the Department of Ophthalmology at the University of California, San Francisco now includes well-renowned educators, clinicians and researchers in all fields of clinical ophthalmology and vision research. His passion for teaching and commitment to resident training was noteworthy. As a result, the residency program at the University of California, San Francisco has been and continues to be regarded as one of the foremost training programs in the United States.

The last several years of Dr. Kramer's life were complicated by many medical problems. He suffered through these with good humor and few complaints. He retired from the University in 2003. His survivors include his wife, Susan Garrett, and six children, Janice, Kenneth, Daniel, Susan, Ryan and Molly. In addition there are five surviving grandchildren. At his retirement celebration in 2002, his grateful faculty, former residents and friends established the Steven G. Kramer, MD, PhD, Chair of Ophthalmology to honor his long-standing, unselfish commitment to the Department of Ophthalmology and the University of California, San Francisco.

MARSHALL M. PARKS, MD

BY Arthur Jampolsky, M.D.



The passing of Marshall Parks closes a remarkable era marking the birth of children's eye care. Dr. Parks made contributions of a seminal nature that span an exceptional panorama. With a notable, active military Navy service record behind him, he very early recognized that children's eye diseases did not receive the support and allocation of resources that were deserved. He not only recognized the problem, but he took the initial active steps of implementation that sprouted programs, teaching, training, and founded organizations which steadily increased the knowledge and eye care of infants and children.

Marshall Parks was really the father of pediatric ophthalmology as a recognized subspecialty. This capped a time when Marshall joined Frank Costenbader's practice which had been shaped into a practice for children in the early 1940's. In Marshall's own writing about Dr. Costenbader, he recorded that, "Dr. Costenbader was truly a pioneer, for he became a sub-specialist before the encroaching wave of sub-specialization took hold. He did so simply because he liked working with children and their eye problems." It was Marshall Parks who catapulted this simple beginning, with a different motivation that he had nurtured for years. In Marshall's own words he felt, ". . . the need to change a primarily geriatric specialty for the betterment of children, which had always been my incentive." This modest, motivating statement by Marshall hardly reflects the true intensity and passion to create substantial programs and organizations for the betterment of children's eye care.

Marshall Parks, almost single-handedly, created the American Association for Pediatric Ophthalmology and Strabismus (AAPOS) which has matured into a large, viable, international, professional organization, with Marshall as its first president. His successful efforts were evident everywhere. Allocated space limitations allow only a partial selection from a vast array of accomplishments. To select only a few, he was President of the American Academy of Ophthalmology; Founder and President of the National Children's Eye Care Foundation; Board Chairman of the Foundation of the American Academy of Ophthalmology; President of the American Board of Ophthalmology; Chairman of the Eye Department at Washington Hospital Center and Children's National Medical Center; numerous journal editorships; recipient of awards and honors enough to fill a book including the Arthur Linksz Award of the International Strabismological Association; and the Howe Medal from his most beloved American Ophthalmological Society. One of his more recent crowning awards was that of a Life Achievement Award and Laureate Recognition Award from the American Academy of Ophthalmology, its highest accolade. He has given almost 50 honored, named lectureships throughout the world and several honored lectureships have been established in his name and will continue the highlighting of his many contributions. He was inducted into the Knights of Malta; and voted by his international peers as one of the ten most influential ophthalmologists of the millennium. This is a mere sample, in addition to his three books, dozens of book chapters, and scores of peer-reviewed publications.

If one were to ask how he did all of this, "it would be as if one were to ask a spider where it buys its thread."

Necrology

Dr. Parks and his late wife, Angeline, together raised eleven children. Marshall had Angeline's devoted support in every facet of his professional and social life. Their children, spouses and grandchildren have a rich family culture and heritage. Marshall is survived by his caring wife, Martha Parks, who enabled and encouraged him in the continuation of his busy life. Martha and Marshall together celebrated 25 grandchildren and their spouses.

Marshall's passionate enthusiasm for his work easily flowed over into all of his speeches delivered throughout the world. He was at ease speaking, and words came easily in proper, logical order from both his heart and brain. Marshall Parks never met a podium he didn't really like.

He was a master surgeon. No one matched or upstaged Marshall in the surgical realm. He was a people's person with impeccable manners. He also had strong opinions, and ably espoused them.

Dr. Parks and I have participated in countless round tables and panel discussions around the globe during the past half century. As is perhaps well-known, we did not always agree. Not so well-known is that some of these theatrics were contrived, and some not. I recall one session when I was asked how did I know such-and-such to be true. I responded that it was an advantage I had, in hearing these things during my every other Sunday conversations with the good Lord, who directly revealed these truths to me. Marshall quickly retorted that *he* did not recall speaking to me on those alternate Sundays! It is difficult to get ahead of such a man. Our disagreements were chronicled with what I termed "respectful disrespect." In actuality, our families had joyful gatherings. In a sense, perhaps unknown to Dr. Parks, he was a special stimulus to my own thoughts and actions. Marshall's daughter, Grace Parks Mitchell, recently sent to me a letter I had written to Marshall about a year ago after he became ill. She poignantly informed me that Marshall had her read it over and over, during his last months. My letter of encouragement to him ended with the following:

You are going to be like the soldier in a poem, whose author is anonymous, which goes something like:

'I am wounded – but not slain, I shall rest, bleed a while,

And rise and fight again.'

So, get on your boxing gloves, Marshall, and I shall await the next event.

Marshall's reply a few weeks later indicated his deep appreciation of the poem's two lines and remarked, "I reminisce with delight about our multiple encounters over the past many years. Art, it has been a wonderful trip for this half century of agonizing friendship, and I want to sincerely thank you from the bottom of my heart."

I once asked him which accomplishment he considered to be the most important in his professional life. He replied without hesitation, and with a bit of humility, that the single most important accomplishment to him was the teaching and training of approximately 175 fellows in the program that he inaugurated in Washington, D.C. So, fellows trained by Marshall Parks, know that *you* are the most signal accomplishment of his professional life. That judgment reflects the true character of Dr. Marshall Parks.

It is said that people do not grow old—they just become "more so." For Marshall, the "more so" simply added additional energy and passion to the outpouring of his deep concern and commitment to help the world's eye care for children. I am confident that Marshall has joined up there with another dear friend, Philip Knapp, and they both must muse that there now is no one left to check Jampolsky.

Marshall Parks lived an amazingly fruitful life, freely opening his mind and heart to family, students, fellows, colleagues and friends. He will forever be known as the father of the subspecialty of pediatric ophthalmology. He leaves us a rich heritage with fruits from the seeds which he planted and nourished. We are all the better for having known and shared his character, his career, and his passions. Through his acts, he has deeply affected and improved the lives of children needing eye care. His works will benefit generations of children whom he will never know.

PAUL C. WETZIG, MD

BY Robert Machemer MD and Victor T Curtin MD



On January 9, 2006 Paul C. Wetzig MD died in Colorado Springs, Colorado after a long brave struggle with Parkinson disease. He received his college degree from the University of Denver and his medical degree from the University of Colorado Medical School in 1946, and interned in the United States Public Health Service. During this time he married Doreen Brugger. After two years he began his residency in Ophthalmology at Cornell University Medical College in New York under John McLean MD. There he met Edward Dunlap MD, and Edward WD Norton who became his close, life-long friends. He established his practice in Colorado Springs in 1953 and in 1958 he founded the Colorado Springs Eye Clinic which was later joined by his two ophthalmologist sons, Carl and Richard.

Dr. Wetzig was not only a very good ophthalmologist; he had a very inquisitive mind and was always open to new ideas. In the late 1950s he heard about photocoagulation. He immediately made arrangements to visit Prof. Gerd Meyer-Schwickerath in Essen, Germany to study the new technique and purchased one of the very first Zeiss Photocoagulators. He became the first in the United States to treat diabetic retinopathy with this new modality and reported stunning results.

We got to know Paul in 1971. He had heard about the first successes of a new technique, vitrectomy to treat diseases in the posterior part of the eye. Typical for Paul, he immediately wanted to learn more about the technique and came to the first course given in 1972. He encouraged me to work on severe proliferative diabetic retinopathy and provided cases from his large reservoir of so far untreatable patients. The success opened a new avenue of treatment. He was instrumental in setting up wonderful meetings in beautiful Colorado, which since 1975 became the home of the Vail Vitreous Surgery Seminar for nearly two decades.

Dr. Wetzig was a member of many societies: American Academy of Ophthalmology (where he was an Honorary Guest in 1980), The American Ophthalmological Society, the Club Jules Gonin (where he became Honorary Member), and the Eye Study Club.

Paul loved nature and was an avid hiker and skier. He introduced us to the beauties of his home state Colorado and made sure that we were armed with an appropriate fly instead of a silver-spoon for trout fishing and the right boots and skis for skiing. He became a good friend of Gerd Meyer-Schwickerath and together they traveled and hiked a lot.

He is survived by his wife Doreen, two daughters Dorrie Brand and Laura Hitch, two sons Carl and Richard, sister Betty Stratford, and nine grandchildren.

We are grateful that we could be friends with such an inquisitive, gregarious, generous and humorous man.

MINUTES OF THE PROCEEDINGS

One Hundred and Forty-Second Annual Meeting May 21-24, 2006

The ONE HUNDRED AND FORTY-SECOND ANNUAL MEETING of the American Ophthalmological Society (AOS) was held at The Ritz-Carlton, Half Moon Bay, California on May 21-24, 2006. There was a "Spotlight Session" on the Sunday afternoon May 21 prior to the start of the meeting to introduce all the new members elected to the AOS the prior year. Each new member presented a 10-minute summary of their thesis project as well as comments on their personal and professional life.

President Daniel M Albert MD called the opening session to order on Monday, May 22. The program began with the AOS-Knapp Symposium on Wavefront Technology and the Quest for Super Vision, as follows:

Symposium: Wavefront Technology and the Quest for Super Vision

- 1. "Wavefront Basics: Measuring and Quantifying," Raymond Applegate, OD, PhD
- 2. "Corneal Optics and Biomechanics," Cynthia Roberts, PhD
- 3. "The Complex Role of the Crystalline Lens," Adrian Glasser, PhD
- 4. "Clinical Realities," Scott M McRae, MD

The Meeting Was Continued With The Following Scientific Program:

- 1. 1. "Light Adjustable Lens: Customizing Correction For Multifocality And Higher Order Aberrations," Christian A. Sandstedt PhD, Shiao H. Chang PhD, Robert H. Grubbs PhD, and Daniel M. Schwartz MD
- 2. "Clinical results with the Trabectome, a Novel Surgical Device for Treatment of Open-angle glaucoma," Don Minckler MD, George Baervedlt MD, Marina Alfaro Ramirez MD, Sameh Mosaed MD, Richard Wilson MD, Tarek Shaarawy MD, Barend Zack, MD, Laurie Dustin, MS, and Brian Francis MD
- 3. "Subclinical Carriers and Conversions in Leber's Hereditary Optic Neuropathy (LHON): A Prospective Psychophysical Study," Alfredo A Sadun, MD, PhD, Solange R. Salomao PhD, Adriana Berezovsky PhD, Federico Sadun, MD, Anna Maria DeNegri, MD, Peter A. Quiros MD, Filipe Chicani MD, Dora Ventura MD, Piero Barboni, MD, Jerome Sherman OD, Erich Sutter, PhD, Rubens Belfort Jr. MD, PhD and Valerio Carelli, MD, PhD
- 4. 4. "Detection of Helicobacter pylori (H. pylori) and Chlamydia pneumoniae (C. pneumoniae) Genes in Primary Orbital Lymphoma," Chi-Chao Chan MD, Defen Shen PhD, Manabu Mochizuki MD, PhD, Hunter KL Yuen, MD, John A Gonzales BS, Yan Guex-Crosier MD, and Phuc LeHoang MD, PhD
- 5. "The Role of the Multifocal Visual Evoked Potential (mfVEP) Latency in Understanding Optic Nerve and Retinal Diseases," Donald C Hood PhD, John Y Chen MD, E Bo Yang MD, Chris Rodarte MD, Adam S Wenick MD, PhD, Tomas M Grippo MD, Jeffrey G Odel MD, and Robert Ritch MD
- 6. "A Physiologic Reduced Oxygen Protocol Decreases The Incidence Of Threshold Retinopathy Of Prematurity," Kenneth W Wright MD, David Sami MD, Lisa Thompson MD, Rangasamy Ramanathan MD, Roy Joseph MMed, FRCPCH, Sonal Farzavandi FRCS

EXECUTIVE SESSION, TUESDAY, MAY 23

President Daniel M Albert, MD, called to order the members-only Executive Session of the 142nd Annual Meeting of the American Ophthalmological Society at 7 AM. He appointed Dr George Bartley to be the Parliamentarian.

A motion to approve of the minutes to the Executive Session, which were published in Volume CIII of the TRANSACTIONS OF THE AMERICAN OPHTHALMOLOGICAL SOCIETY, was made, seconded, and approved.

The following reports were submitted and approved.

REPORT OF THE SECRETARY-TREASURER

CHARLES P. WILKINSON MD: I am happy to report that the Society remains in excellent financial shape. The three combined funds of the AOS, CES, and Knapp Funds have been well-managed by the Vanguard Group, and outcomes have compared favorably with standard benchmarks.

You will recall that one important budgetary consideration is that the meeting be a "break-even" financial event, and it will be primarily supported by registration fees, although the symposim expenses will continue to be supported by the Knapp Fund.

Mr. President, I would recommend that the annual dues remain unchanged.

The Council accepted the report of the Committee on Theses and would like to welcome these 13 new members:

Dr. Shalesh Kaushal

Dr. Dimitri T Azar

Dr. Bradley Charles Black

Dr. Preston Howard Blomquist

Dr. James Chodosh

Dr. Daniel S Durrie

Dr. Henry Gelender

Dr. David A. Johnson

Dr. Stephen D. McLeod.

Dr. John C. Morrison

Dr. Mark Brian Sherwood

Dr. Rand Spencer

Dr. John Timothy Stout

REPORT OF THE COMMITTEE ON THESES

RICHARD K PARRISH II, MD: The Committee on Theses this year included Dr. Richard Parrish II as chairperson, and Drs. Hans Grossniklaus and Kirk Wilhelmus.

The Thesis Committee reviewed 20 theses that were submitted in support of membership in the Society in 2006. Fourteen theses were judged acceptable and six returned to the authors for major revision. Of the 14 theses that were recommended for acceptance, five were revisions from prior submissions.

(Dr. Pat Wilkinson then interjected: It is clear that the sponsors are not following through with their responsibilities in supporting the thesis productions for the potential candidates. I would urge all sponsors to continue to encourage your respective candidate to complete their thesis and to pay attention to the instructions about how to write a thesis.)

REPORT OF THE EDITOR

THOMAS J. LIESEGANG MD: The 2005 TRANSACTIONS of the American Ophthalmological Society, Volume CIII, was published in January 2006 at AOSonline.org as an online only publication for the first time. Shortly thereafter, it became available on both PubMed and PubMedCentral websites in a searchable open access in a full text format. Papers and Theses are available as a PDF document that is downloadable to your desktop. The TRANSACTIONS is no longer being printed.

The National Library of Medicine has digitized all prior 103 volumes of the TRANSACTIONS from 1865 to 2004 in full text PDF format for PubMed and for PubMedCentral. The TRANSACTIONS now has a prominent position with free public access to all the prior TAOS volumes and a link from the indexing services of MEDLINE. Each volume since 2001 is also present at the AOS website, with the full Proceedings and social events of the meeting.

The 2005 TRANSACTIONS included the Minutes of the Proceedings of the Executive Session, 21 papers, 6 poster abstracts, 14 theses and 4 obituaries. A Symposium on Tissue Bioengineering and Regenerative Medicine was presented during the 2005 opening symposium but there were no resulting submitted papers for inclusion in the TRANSACTIONS. The issue was 613 pages (compared to 450 pages the prior year) with many high quality illustrations and tables. With the online version there are now no color charges for any illustrations. The authors and discussants were all relatively diligent in their participation in the publishing process although the copyediting costs were higher related to poorly prepared manuscripts; the Council is rightfully concerned.

The Proceedings of the meeting, including the spontaneous secondary discussions and responses of the presenter for each paper delivered at the Annual Meeting, and the Banquet comments are recorded on audiotapes and transcribed. These are edited to shorten and clarify readability. Each discussant and presenter is given the opportunity to further clarify the exchange prior to publication. The final product presents a more concise and scientific TRANSACTIONS.

In this new digital environment, figures must be submitted in a very specific format as listed in the Author Instructions in order to ensure acceptance by the National Library of Medicine for inclusion in PubMed and PubMed Central. AOS authors must supply 5x7 high quality glossy prints so that they can be converted to this strict digital format. The Council continues to ponder ways to ensure that authors comply with the Author Instructions, especially with regard to illustrations, proper formatting of the manuscript, and ensuring reference validation.

The Instructions for Authors of Papers, for Authors of Theses, for Authors of primary discussions, and for Authors of Poster Abstracts are available on the AOS website.

REPORT OF THE PROGRAM COMMITTEE

DOUGLAS D. KOCH MD: The four members of the Program Committee for the 2006 Annual Meeting are Drs. Douglas D. Koch as chair, and Drs. Richard P Mills, Kent W Small, and Marco Zarbin. The committee received 41 paper abstracts and 2 poster abstracts. We accepted 24 papers and 10 posters leaving 9 submissions that were not included in the AOS program.

The symposium was entitled Wavefront Technology and the Quest for Super Vision. This was arranged by Dr. Douglas Koch in conjunction with Dr. Susan Day.

REPORT OF THE COMMITTEE ON MEMBERSHIP

MARK MANNIS MD: Dr. Julia Haller presented the report on behalf of Dr. Mannis. The Committee on Membership this year included Dr. Mark Mannis, chair; Barrett Haik MD, Julia Haller MD, and David Wilson MD. The Committee members suggested potential members, and solicited advice and support for members of the society who knew them and could nominate them. We reviewed eight applications, and seven candidates were recommended to the council for invitations to submit a thesis.

REPORT OF THE ARCHIVIST/PHOTOGRAPHER

RALPH C. EAGLE JR MD. At the 2005 meeting of the American Ophthalmological Society at The Cloister in Sea Island, Georgia, I took 440 digital photographs. Seven were included as illustrations in the 2005 volume of the Transactions of the AOS. These included photos of President J. Brooks Crawford MD and a family portrait of President Crawford and his wife Christine, his son Peter and his daughter-In-Law Dodie. Lucien Howe Medalist Stephen J. Ryan Jr. MD is shown at the lectern and receiving his medal from William Tasman MD. Group photographs of the AOS Council and new members were also included, and new member Evelyn A. Paysse MD is shown signing the AOS book. Color prints of selected photos were prepared and distributed to all of the new members, officers and

selected members. Figures for the Transactions were submitted in digital format. The Society's digital archives now comprise more than 2740 digital photographs stored on CDs.

REPORT OF THE EMERITUS COMMITTEE

ROBERT WALLER MD: In accordance with our constitution, any Active Member who has been a member for 25 years, or is 70 years of age, or has completely retired from Active practice or from gainful occupation, may, upon written request, become an Emeritus Member of the Society. Such request is subject to the recommendation of the Council and the affirmative vote of three quarters of the members present at the Executive Session of an Annual Meeting.

Currently we have 110 Emeritus members. Nine members have requested Emeritus status in 2006:

NAME	YEAR INDUCTED	QUALIFICATION
Carl Kupfer	1971	Member 25+ years
Muriel I. Kaiser-Kupfer	1980	Member 25+ years
Melvin L. Rubin	1975	Member 25 + years
Thomas M. Aaberg	1986	Retired Active practice
John W. Payne	1980	70 years old
Peter R. Laibson	1976	Member 25+ years
William S. Tasman	1970	Member 25+ years
John D. Bullock	1983	Retired Active practice
Robert B. Welch	1970	Member 25+years

There have been seven deaths since the last AOS Annual Meeting in 2005:

NAME	YEAR INDUCTED	RESIDENCE
Thomas E. Acers	1981	Edmond,OK
Mansour F. Armaly	1968	Washington,DC
Austin I. Fink	1969	New York,NY
William H. Knobloch	1975	Frederic,WI
Steven G. Kramer	1980	Pacifica,CA
Marshall M. Parks	1969	Washington,DC
Paul Wetzig	1978	Colorado Springs,CO

The Emeritus Members and guests had a luncheon on Monday, May 22.

The requests for Emeritus status were accepted by the membership. The membership were requested and then stood for a moment of silence to respect the memory and friendship of these friends and colleagues.

REPORT OF THE REPRESENTATIVE TO THE PAN AMERICAN ASSOCIATION OF OPHTHALMOLOGY

SUZANNE VÉRONNEAU TROUTMAN MD: The XXVI Pan-American Association of Ophthalmology under Dr. Enrique Graue, President of the PAAO and the local PAAO Congress President Dr. Newton Kara José joined with the World Ophthalmology Congress (WOC 2006) under Rubens Belfort Jr. MD, ICO Congress President, Gottfried Naumann MD ICO President, at the XXX International Congress of Ophthalmology and the XVII Brazilian Congress for the Prevention of Blindness under the joint presidents Geraldo Vicente de Almeida MD and Paulo Augusto Arruda Mello MD in São Paulo, Brazil, February 19-24, 2006. The meetings were attended by 12,153 ophthalmologists from 121 countries. A number of satellite specialty meetings were held in the vicinity immediately before or after the Congress including the ISA meeting held jointly with CLADE, February 17-20, 2006, in São Paulo.

The Pan-American Council of University Professors in Ophthalmology (PACUPO) continues under the leadership of Juan Verdaguer MD, of Santiago, Chile. This program unites and standardizes university ophthalmology training programs throughout Latin American. As part of this program in 2004 a Young Visiting Professors program has been established between participating universities from North and Latin America: See the PAAO Web Site www.paao.org (standardization document found under PACUPO)

The Fellowships Committee chaired by Alice R. McPherson, MD, of Houston, Texas, funds 3rd year ophthalmology residents for exchanges within Latin America, from Latin America to North America and from North America to Latin America from the resources

of the Pan-American Foundation and annual gifts this year totaling \$87,000.00.

The Visiting Professors Program, the PAAO's longest running Educational program, has enjoyed a record-breaking year of activity receiving requests from Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, El Salvador, Haiti, Honduras, Paraguay, Spain, Venezuela, and the West Indies.

Meetings and Activities for 2006: In Lima, Peru, on March 23-25, 2006, the ICO, the PAAO and AUPO organized a second training "Teaching the Teachers" course, attended by 51 program directors from Peru and Bolivia, coordinated by with José Antonio Roca MD (Peru) and Karl Golnik MD (USA). On April 29, 2006, during the IV Pan-ARVO Day in Fort Lauderdale, FL, over 60 papers were reviewed focusing on the latest research in ophthalmology in Latin America.

Before the AAO meeting in Las Vegas, November 8, 2006, the 6th Joint PAAO Course & 16th Cataract and Anterior Segment (ALACCSA) Pre AAO Day will be directed by William de la Peña MD. "The Best of the Academy in Spanish" featuring selected events in Spanish will be held on November 15th.

Beginning in 2006 new partnerships are being initiated between U.S. State Societies and Latin American National Societies to form "Twinning Symposia" with the expectation that the relationships will lead to activities well beyond "Meetings", endorsing guest speakers at national meetings, resident exchange, newsletter features, consultant visits, shared executive expertise and shared advocacy experience. During the WOC in São Paulo, Brazil, in February 2006 five societies partnered; Vermont–Paraguay, Florida–Colombia, North Carolina–Argentina, Hawaii–Brazil, Texas–Spain. Symposia are being scheduled for the SOE meeting and the XXVII Pan-American Congress in Cancun in 2007.

As a result of requests for assistance from several small Pan-American countries, unable to afford extensive specialty certification apparatus, the PAAO is developing a program to establish regional Board Certification.

Continuing in the tradition of Biennial Meetings the XXVII Pan-American Congress of Ophthalmology, with Rafael Sánchez Fontán MD as President, will take place May 31 – June 3, 2007 in Cancun, Mexico. The meeting will feature honorary lectures, symposia, courses, free papers, and posters. Two monetary prizes will be awarded: "The 6th Carl Kupfer Award "(\$15,000) for the Prevention of Blindness and the "The 8th Troutman-Véronneau Prize" (\$10,000) for Strabismus and Strabismus microsurgery, now permanently endowed..

For a complete report please go to www.paao.org or www.paaocancun.net.mx.

REPORT OF THE REPRESENTATIVE TO THE AMERICAN COLLEGE OF SURGEONS

MALCOLM MAZOW MD: The American College of Surgeons Ophthalmic Advisory Council met both by conference call as well as attendance. There were several things discussed: 1.) It is interesting to note that the American College of Surgeons has over 71,600 members. Of those, over 4,000 are ophthalmologists. 2.) It is of importance to ophthalmology that Dr. Natalie Kerr is attending the health policy leadership school at Brandeis University. Dr. Kerr will be there for a year. 3.) The property in Washington, D.C., in Georgetown (now the home of the American College of Surgeons), may be moved to a new property. It will likely have all the specialties in one building, including ophthalmology. This is an ongoing discussion. 4.) Emphasis on ethics in medicine: the Ethics Committee thought it was very important the continuing education of ethics be offered to all surgeons of all sub-specialties, including residents.

The Division of Education of the American College of Surgeons offers a significant number of products. It is hoped that these products will be used by other disciplines. In addition, a web portal is now up and has an ophthalmology section. There has been a significant problem regarding restraint of trade and competition from ambulatory surgical centers, as well as hospitals. The American Academy of Ophthalmology, California Society of Ophthalmology and the Pennsylvania Academy of Ophthalmology have all been involved. The American College of Surgeons is very excited to have two representatives on the council of the American Academy of Ophthalmology. There is hope there will be an input in both directions. The American College of Surgeons has resident members that began at a PGY-1 level and this membership is given to them free during their training. It is hoped this will also be offered to PGY-2 levels (first-year ophthalmology residents) so that they can be members of the American College of Surgeons and understand the importance of the college.

The college reemphasizes that co-management is not allowed.

In the next annual meeting of the American College of Surgeons, which will be in Chicago in October, there will be a symposium run by Dr. Natalie Kerr regarding, "How Did I Lose my Vision on a Non-Ophthalmological Surgical procedure?"

At the end of the meeting, Dr. Malcolm Mazow was elected Chair for the Ophthalmological section of the American College of Surgeons.

REPORT OF THE REPRESENTATIVES TO THE AMERICAN ORTHOPTIC COUNCIL

EDWARD L. RAAB MD: Drs. Thomas France, David Weakley and Edward Raab continue to represent the American Ophthalmological Society on the American Orthoptic Council, maintaining the continuity that contributes importantly to carrying out the AOC mission of overseeing the training, certification, and practice of orthoptists, and of accrediting orthoptic training programs.

Dr. France, a former Council President, serves as AOC representative to the Canadian Orthoptic Council and as Editor of the American Orthoptic Journal. He also serves on the Accreditation, Bylaws, Long Range Planning, Nominating, Program, and Public Relations Committees, and chairs the International Relations Committee.

Dr. Raab, also a former President, is a member of the Accreditation, Bylaws, Ethics, Long Range Planning, and Program Development Committees.

Dr. Weakley is Treasurer of the Council, Chair of the Accreditation Committee, and serves on the Editorial, Examination, and Program Committees.

The AOS representatives additionally are Active as examiners in the certification process. Under current AOC bylaws, one representative serves by annual designation on the Council's Nominating Committee to select its officers.

The Council has updated its Code of Ethics for certified orthoptists and has developed a job description and scope of practice document. Additionally, a joint project with the American Association of Certified Orthoptists has authored "Orthoptic Practice and Protection in Today's Workplace", designed as a guide for coding and billing of orthoptic services.

Because of the multiple practice settings for Certified Orthoptists, the Council continues to explore the medicolegal implications and other issues pertaining to orthoptic practice. The Council and the AACO have developed an increased awareness of anticompetitive conduct issues and the need for ensuring that these are avoided.

Recruitment of candidate orthoptists remains a long-standing Council priority. Ad hoc committees are exploring the feasibility of a centralized distance learning Master level program, and to investigate accreditation of teaching programs by an independent agency. Another committee is exploring formal guidelines for waiving the Bachelor degree requirement for entry into orthoptic programs in exceptional instances.

The American Orthoptic Journal can now be accessed on-line by subscribers, and its web site, www.aoj.org, is open to the public. The Journal continues to work toward inclusion in Medline.

The American Academy of Ophthalmology, the Council and the American Association of Certified Orthoptists will again cosponsor the annual "Sunday Symposium" at the Academy 2006 Annual Meeting in Las Vegas, with both ophthalmologists and orthoptists as presenters. The AOC and the AACO also co-sponsored a highly successful symposium on sensorimotor factors in preoperative testing and post-operative treatment at the annual meeting of the American Association for Pediatric Ophthalmology and Strabismus held in March 2006 at Keystone, Colorado..

Retinoscopy has now been successfully incorporated into the education of orthoptic students, and is now an element of the oral/practical certifying examination. Other projects well underway include an improved AOC/AACO joint web site, a student on-line patient logbook that will facilitate the program re-accreditation process, and initiatives for long-distance education offerings.

The Council is addressing the disadvantaged of the small numbers and limited visibility of the orthoptic profession through exhibits at meetings and career fairs, an informational video depicting the daily working life of an orthoptist, and its website (www.orthoptics.org).

Your representatives again recommend ongoing AOS support of the American Orthoptic Council and its work in behalf of the profession of orthoptics.

REPORT OF THE REPRESENTATIVE TO THE COUNCIL OF THE AMERICAN ACADEMY OF OPHTHALMOLOGY

JOHN F. O'NEILL MD: The Council of the American Academy of Ophthalmology (AAO) continues to meet twice yearly. The spring meeting is held in conjunction with the Academy's Congressional Advocacy Day and Mid-year Forum in Washington and the fall session is held during the Annual Meeting of the AAO. The Council consists of voting representatives of all fifty states, the District of Columbia and Puerto Rico, also representatives from twenty-four sub-specialty organizations, and five "special interest" organizations which are non-voting, and of which the AOS is one.

Last year saw a major victory for the Academy's efforts with passage of Congressional Bill HR3473 sponsored by Rep. John Sullivan of Oklahoma with more than 60 co-sponsors. This Bill prohibited optometrists from performing laser eye surgery in Veterans Administration Hospitals.

Optometry continues to use state legislations in attempts to extend its "scope of practice" to include laser and "scalpel" surgery. They have an avowed intent to develop a nationwide licensure for "residency programs in optometric surgery". The Academy is strongly promoting its members support of the "Surgical Scope fund and Ophthpac as the most efficient and effective tools for counteracting Optometry's vision" to be seen as the "industry leader in development of optical, medical functional and technological advances related to eye care and eye health".

The second major issue of the mid-year forum and council meetings addressed "Physician Reimbursement and the future of medicine". Dr. William Rich III, the Academy's Medical Director of Health Policy, moderated and summarized the many recent events promoted by the current administration, which could significantly affect physician's reimbursement. Projections include a possible 26% fee cut from 2006-2012 and the current promotion of a "Pay for Performance" (P4P) program based on treatment outcome and "evidence based medicine".

Prior to the Mid-Year Forum and Council sessions, many of the attending ophthalmologists were briefed on the Academy's top legislative priorities and participated in the Congressional Advocacy Day. Guided by the AAO Washington Government Affairs Office, a great number of AAO members visited Capital Hill and the offices of their personal representatives in Congress. The Academy considers this one-on-one relationship with congressmen to be especially important in promoting AAO initiatives.

Each year the Council develops, prioritizes and presents advisory recommendations (CARS) to the AAO Board of Trustees. Those given high priority this year included recommendations:

-To support legislation to allow physician "collective bargaining" with commercial carriers to allow doctors to have some control over the terms and rates of commercial contracts.

-To develop a program of website design to assist state societies.

- -To inspect and correct many of the errors and irregularities in the use of Co-Management Modifiers 55-56.
- -To design a generic Campaign to help state societies inform the public regarding the difference between ophthalmologists and optometrists including training and scope of practice.
 - -To develop a pilot program to study the possibility of combining membership and dues of state societies and the AAO.

REPORT OF THE CHAIR OF THE COUNCIL

SUSAN DAY MD: A particular welcome to all the new AOS members here for the first time. We are so glad to have you and thank you for making the organization a better organization. I would like to highlight and thank the people who have served the members on the Council this year: Drs. Travis Meredith, George Bartley, Lee Jampol and Doulglas Koch.

The committees are a vital part of the AOS, and any members, particularly the new ones, who have an interest in serving on committees, please contact some of the Council members or the Officers, to express your interest.

The AOS officers, Dr. Daniel Albert, as President, Dr. John Clarkson, as President Elect, and Dr. Pat Wilkinson, as Secretary/Treasurer, have continued to serve you well. The AOS membership needs to know that the staff support, particularly from Lisa Brown, as well as others from the Academy Management Services, has been exemplary this year.

The Council has faced significant issues. We certainly wish to maintain the tradition and the wonderful history of the AOS. We have had considerable discussion over this past year over issues pertaining to the AOS Annual Meeting – the venue of the meeting, the format of the meeting, and the time of the year of the meeting. These issues are ones that have been raised in surveys from the members and the ongoing discussion will continue.

The Council is also dedicated to change. The Council recognizes that there are some individuals that have declined to write a thesis because of the perception that the AOS is no longer relevant. We very much want to have an evolving Society, where the relevance of the AOS in ophthalmology continues and is heightened. There certainly is a role for the AOS in participating in the shaping the future of ophthalmology. I invite each of you to attend the Council Chair chat today at 3:30 p.m., where these issues will be addressed further.

The AOS Council also wishes to look at issues, such as expanding our mission, assisting academic ophthalmology in moving forward, in assessing appropriate relationships with industry, perhaps serving as an equivalent as the Institute of Medicine for ophthalmology in this country. Notably, there are transitions in two key roles in the AOS. Earlier this year, Dr. Pat Wilkinson announced that he would, at the end of this year, request relinquishing his role as Secretary/Treasurer. Pat has served the society well for so many years. Although this transition will not occur until the end of the year, it would be wonderful if we could all give Dr. Wilkinson a huge round of applause for all he has done for the AOS.

I am also pleased to announce that an ad hoc committee has fulfilled its role of defining who will be the next Secretary/Treasurer. It is my privilege to announce that Dr. Thomas Liesegang has been appointed as the new Secretary/Treasurer. Congratulations, Tom.

Even before Dr. Liesegang threw in his hat for the Secretary/Treasurer job, he announced that he would relinquish the Editor's position at the completion of his 5 year term. There is currently an ad hoc committee to select the next editor for the TRANSACTIONS. Members that might have an interest in this position should contact any of the Officers or Council members.

I would like to thank the Society and the Council. It's been an honor and privilege for me to serve as its Chair and to serve on the Council for 5 years. Dr Travis Meredith will be the Chair of the Council in the forthcoming year.

It is now my privilege to announce Council Chair appointments for 2006-2007:

OFFICERS

Dr John Clarkson, President

Dr Dan B Jones, President-Elect

Dr Pat Wilkinson, Secretary/Treasurer to continue until December 31, 2006

Dr Thomas Liesegang, Secretary/ Treasurer to begin January 1, 2007

Dr Thomas Liesegang, Editor to continue until December 31, 2006 (Ad Hoc Committee formed to select new Editor)

COMMITTEE FOR NEW MEMBERS

Dr Jay Erie

ATHLETIC DIRECTOR

Dr Woodford Van Meter

COMMITTEE ON PUBLICATIONS

Dr. Thomas J. Liesegang, Chair Dr Pat Wilkinson

ARCHIVIST/PHOTOGRAPHER

Dr Ralph Eagle

AAO COUNCIL REPRESENTATIVE

Dr John F O'Neill

Dr Charles P. Wilkinson, Alternate

INTERNATIONAL FEDERATION OF OPHTHALMIC SOCIETIES REPRESENTATIVE

Dr Bruce Spivey

BOARD OF GOVERNORS OF THE AMERICAN COLLEGE OF SURGEONS REPRESENTATIVE

Dr Malcom Mazow

Dr William Mieler, Alternate

PAN AMERICAN ASSOCIATION OF OPHTHALMOLOGY REPRESENTATIVE

Dr Suzanne Véronneau Troutman

REPORT OF THE PRESIDENT

Dr Daniel M Albert: I would like to thank Dr Susan Day for doing a remarkable job this year as Chair of the Council. I now ask that we accept her report. (The report was accepted).

My report is brief and involves the traditional appointments of the President, now made in conjunction with the Council. The new appointments are listed with an asterisk:

COUNCIL OF THE AOS

Dr Travis A. Meredith, Chair

Dr George B. Bartley

Dr Lee M. Jampol

Dr Douglas D. Koch

Dr Marilyn Mets*

EMERITUS COMMITTEE

Dr Robert Drews*, Chair

COMMITTEE ON PRIZES

Dr Ronald E. Smith, Chair

Dr Dennis M. Robertson

Dr Douglas Anderson*

COMMITTEE ON THESES

Dr Hans E. Grossniklaus, Chair

Dr Kirk R.Wilhelmus

Dr Susan Elner*

COMMITTEE ON PROGRAMS

Dr Richard P. Mills, Chair

Dr Kent W. Small

Dr Marco A. Zarbin

Dr Steve Feldon *

COMMITTEE ON MEMBERSHIP

Dr Julia A. Haller, Chair

Dr Barrett G. Haik

Dr David J. Wilson

Dr Penny Asbell *

AMERICAN ORTHOPTIC COUNCIL REPRESENTATIVES

Dr Edward L. Raab

Dr David R. Weakley, Jr.

Dr Thomas D. France

JCAHPO REPRESENTATIVE

Dr Robert L. Stamper

Dr M. Edward Wilson, Alternate

Dr Daniel M Albert: The floor is now open for new business.

RICHARD FORSTER MD: I am looking for some clarification on the precedents we have in the organization. When I became a member, my primary sponsor was either Dr. Dupont Guerry or Dr. Edward Norton. I did not pay a registration fee, I was provided a lovely room at the Homestead, for my wife and myself, and I thought that is the way the organization operated. I learned recently that new members have to pay a registration fee for themselves and their spouse. I was a little troubled by this because I thought that we were seeking new members, and that we were hospitable and we wanted to act commensurate with the quality of the organization. Perhaps it is not unreasonable to pay for your room, but I thought the organization might consider waiving, for the first year that a new member joins the organization, the registration fee. I bring that to the Council for consideration.

DANIEL M ALBERT MD: That is a very thoughtful idea and we could consider taking a poll. I personally think you just had unusually generous and gracious sponsors. The Council spends considerable time and effort trying to make people feel welcome as well as working to attract outstanding new members. It is certainly an idea the Council can consider

PAT WILKINSON MD: The annual meeting is budgeted as, and expected to be, a break-even event. We cannot legally use investment funds to bring people to the meeting. So, in order to waive registration fees for new members, we would have to raise registration fees for all others.

FRONCIE GUTMAN MD: I would like to address the issue of the thesis requirement for membership in the Society. I think the time has passed where the need for a thesis is still appropriate, for several reasons, and I would urge the Council to review this issue. Anybody who has spoken with the people that we would like to have in this society – leaders of American ophthalmology – find that they simply are not interested in spending time on a thesis, especially with the unevenness of the thesis committee decisions. The need for a thesis was understandable at the time the thesis requirement was established in 1914. For the first 50 years of this society, there was no thesis requirement. It is a myth of this organization that somehow the thesis was required since the beginning. Up until 1914, there were about 18 AOS members that simply voted into the people that they knew, including their friends. In 1914, the environment in this country was very different than it is today. In 1914, the only institution that provided a formal education in ophthalmology was at the University of Colorado. There was limited information on the traits of people that might consider for candidacy. The thesis requirement was then established since the AOS decided that they needed some litmus test. But even at that point, they declared that a thesis might consist of summarizing a body of scientific information that the individual had acquired. Since 1947 nobody has been admitted to the society without an acceptable thesis.

I am not going to get into all the other associated issues about why some theses that were rejected in the past would be accepted today. Everybody has their own personal awareness of some of the events that may have happened with somebody that they sponsored for membership. In today's environment, we have so much more information about the contributions and the accomplishments of all our candidates and therefore the decision should not depend on a thesis.

Dr. Susan Day stated that we are presently looking for a mission for this organization. All the historical roles of the American Ophthalmological Society have been assumed by other organizations including the AUPO, ARVO, the American Academy of Ophthalmology, and the American Board of Ophthalmology. The AOS was the patriarchal organization that drove all of these advancements. Now we no longer have any of those roles and have been relegated to a club. The AOS should at least have all the members that represent the leadership of American ophthalmology. I do not think it is any longer appropriate to have the theses as the major hurdle to determine whether somebody is admitted to the organization. I think right now I applaud the Council for thinking to consider other alternatives. I do not see the AOS assuming these other great significant roles but at least we could be a club that has the leadership of American ophthalmology. The think the time of a need for a thesis has passed.

SAMUEL PACKER MD: Having just gone through the arduous task of writing a thesis, let me give you some of my conjured up images. One, is Opus Dei; as I was writing the thesis, I felt that there was going to be a garter here that I'd have to wear, and you would squeeze tighter. The other image, which I think is more real, is the Boy Scouts. In the Boy Scouts it was a great honor to be elected by your peers, and to be awarded the Order of the Arrow. And there was an ordeal that you had to endure, such as a day where you had to survive on a salt tablet and some water, and you also had to do a community project. So, there was a threshold to overcome. So I think the AOS might need change because of generational differences. In ophthalmology, if you are stagnant, you're going to be irrelevant very quickly. Some threshold of admission is really required but it does not need to be usual thesis. The AOS might consider the body of work that individuals have accomplished. To go back to the lab or to accomplish something creative may not be the goal. The goal might rather be some kind of qualitative statement of a body of work, and might be more subjective than quantitative. It still must have quality and should be reviewed by a committee of your peers.

JOSE PULIDO MD: I enjoyed the historical perspective that Dr. Gutman offered. At the last turn of the century I would not have been considered for the AOS since I was not one of the good old boys. As long as they are not prejudicial, barriers are reasonable especially if they are based on the quality of an individual's work. Whether it is a thesis or whether it is the whole body of work of an individual, it should be objective.

DANIEL M. ALBERT MD: The points that are made are points about the thesis requirement have been continually reevaluted by the Council and now we have a more balanced view of the place of a thesis in judging for membership. The thesis is not the only criteria or at this point is not the major criteria for the acceptance of members. Candidates are scrutinized for their contributions and for their role in ophthalmology. The thesis is not generally a 150-page document in the old sense of the thesis, but it has a hypothesis and now it is very much more like a high-grade article that would appear in a good quality journal. It is reassuring to know that the AOS

members we have accepted can contribute a thoughtful fresh hypothesis about something meaningful that could appear in any of the leading journals, as well as in the TRANSACTIONS. So, your comments here will be remembered and will be discussed further by Council

I would mention to Froncie that we have the best aspects of a club in the collegiality and in the athletic events, and in the friendships that are formed, and in the conviviality that we enjoy. But I was very moved by the spotlight session, where the new members spoke about who they are and what they're contributing, and the work that they have accomplished. I've been very impressed, in recent years, how the quality of presentations has really improved and continues to improve. Meaningful contributions are made. The TRANSACTIONS has become more widely read and gets more hits on the Internet. I do think that in addition to a club, we have some real scientific and socio-economic contributions to make, and are making them. So, I would not be as pessimistic as you are, but I do appreciate your comments, and they will be considered.

LEE JAMPOL MD: The new members session on Sunday was one of the most exciting sessions that I have seen in the history of the society. Each of the new members, in five minutes, provided a very brief summary of who they are and, without slides, what their thesis was about. This society has always resisted having people discuss their theses. But in retrospect, I think that was a mistake. People are involved in their thesis and topic so intensely that they are in love with the topic, that that love really came out in their descriptions of their work. In future years, I would like to encourage all the AOS members to arrive early enough to attend that session this spotlight session for new members, because I think it was just spectacular.

DANIEL M. ALBERT MD: I declare the Executive Session of the 142nd meeting in recess until the Presidential Banquet this evening. We will now take a 10 minute break and then begin today's scientific session.

SCIENTIFIC SESSION, TUESDAY, MAY 23

The Meeting Continued with The Following Scientific papers:

- 7. "Immunohistochemistry and electron microscopy of early-onset Fuchs corneal dystrophy in three cases with the same L450W COL8A2 mutation," Cheng Zhang MD,W Robert Bell MD, Olof H Sundin PhD, Zenaida De La Cruz BS, Walter J. Stark MD, W Richard Green MD and John D. Gottsch MD
- 8. "The Relationship of Retinopathy in Persons without Diabetes to the Fifteen Year Incidence of Diabetes and Hypertension: Beaver Dam Eye Study," Ronald Klein MD, MPH, Barbara EK Klein MD, MPH, Scot E. Moss, MA, and Tien Y. Wong, MD, PhD
- 9. "Persistent Placoid Maculopathy: A new clinical entity," Pamela R Golchet MD, Lee M. Jampol MD, David Wilson MD, Lawrence A Yannuzzi MD, Michael Ober MD and Edward Stroh MD
- 10. "Impact of Evaporation on Aqueous Tear Loss," James P McCulley MD, Eduardo Uchiyama MD, Joel D Aronowicz MD and Igor A. Butovich PhD
- 11. "The Failure Rate of Candidates for Board Certification An Educational Outcome Measure," Denis M O'Day MD and Chun Li PhD
- 12. "Does The Intraocular Pressure Affect On Optic Disc Cupping Differ By Age?," Barbara EK Klein MD, MPH, Ronald Klein MD, MPH, Kristine E Lee, MS and Carol J Hoyer BS
- 13. "Maintenance of Warfarin Anti-Coagulation for Patients Undergoing Vitreoretinal Surgery," Pouya N Dayani MD and M. Gilbert Grand MD
- 14. "The Impact of Optical Coherence Tomography on Surgical Decision-Making for Epiretinal Membranes and Vitreo-Macular Traction Syndrome," Diana V Do MD, Minhee Cho MD, Quan Dong Nguyen MD MSc, Syed Mahmood Shah MD, James T Handa MD, Peter A Campochiaro MD, Ingrid Zimmer-Galler MD, Jennifer U Sung MD, and Julia A Haller MD
- 15. "Risk of Retinal Detachment after Cataract Extraction, 1980-200A Population-Based Study," Jay C Erie, MD, Matt A Raecker BA, Keith H Baratz, MD, Cathy D. Schleck BS, and Dennis M. Robertson, MD
- 16. "Intraocular Lens Implantation in Pediatric Eyes with Posterior Lentiglobus," M Edward Wilson Jr, M.D, Rupal H Trivedi, MD, MSCR
- 17. "Genotype and Phenotype Correlations in Congenital Glaucoma," David A Hollander MD, MBA, Mansoor Sarfarazi PhD, Ivaylo Stoilov MD, Irmgard S Wood1, Douglas R Fredrick MD, and Jorge A Alvarado MD

TUESDAY EVENING BANQUET, MAY 24

SUSAN DAY MD, CHAIR OF THE COUNCIL: I want to welcome everyone to Dr. Daniel M. Albert's personal dinner. We thank Dr. Albert for having us all here tonight. And without further ado, dinner is served, and the band is playing.

(After dinner) I want to say a word or two about our President. When I joined the AOS, one of the people that shook my hand in the introduction line was Dr. Albert and I remember thinking, "My God, I'm in the same club as him." Dr. Albert is someone who is a curious scientist, a gentle person, a person who believes in things that are extraordinarily important to ophthalmology, like ophthalmic pathology. Dr. Albert is a truly wonderful human being. I will not go into his background, except to say that his career started that indicates his appreciation for history, for accuracy, and for integrity. His wife Ellie, who is perhaps the only person in this room more wonderful than Dan, told me about his first job. Dan had a job with a company that produced Hi-C. It was slightly worse than Kool-Aid, as I recall. And it pretended to be something more than it was; I believe it pretended to be a fruit juice drink. Dan saw that when they added just a seed to the Hi-C orange juice, it didn't make it orange juice. So, Dan has this tradition of honesty, and of science,

and of revealing the truth in all realms; not just in ophthalmology. Fortunate for us all, he decided to leave that company, and to

instead come into our realm of ophthalmology. Ladies and gentlemen, let me ask you all to toast our president, Dr. Daniel Albert. Now it is Dr. Albert's show.



THE 2006 AOS PRESIDENT DR DAN M ALBERT AND HIS WIFE ELEANOR PRESIDING OVER THE AOS BANQUET ON THE FINAL EVENING.

DANIEL M. ALBERT MD, PRESIDENT: Thank you very much for your kind words. I wish I had Susan's gift of gab. I want to thank you for the privilege of being President of this Society. It's been one of the greatest honors I have ever received and I truly appreciate it. As President, you take credit for a lot of hard work by a lot of other people, and I'd like to recognize them: Drs. Susan Day, foremost, Travis Meredith, George Bartley, Lee Jampol and Doug Koch, who were on the Council; Dr. Pat Wilkinson, who is the Secretary-Treasurer; Dr. Thomas Liesegang, who's the editor of the Transactions; and Lisa Brown, our administrator. I thank them for the job they've done.

I'm also glad that Susan acknowledged Ellie, to whom I owe so much. In a few weeks we'll be celebrating our 46th wedding anniversary. Her love and support have been so very important.

If you will indulge me, I would like to take a minute or two to talk about Dr. Susan Day, herself. She is one of the most remarkable people I know. When the AOS was founded in 1864, one of the highly celebrated orators and intellectuals of the time was a man named Robert Green Ingersol, and one of the memorable things he said was, "The time to be happy is now. The place to be happy is here. The way to be happy is to make others so." I do not know if Susan Day ever read Ingersol's words, but I have never met a person who followed them more closely. Susan's biographical data and accomplishments are well known in American ophthalmology. I will just take a moment to touch briefly on them. She was born and raised in Louisiana. She received her medical degree from the University of Louisiana School Of Medicine. Susan came to San Francisco for her internship and residency, and completed her residency at the Pacific Medical Center under the mentorship of Dr. Bruce Spivey. She has remained in San Francisco, except for her two fellowships in pediatric ophthalmology in London and at the University of Iowa, and for a year that she spent in Riyadh. We all know how distinguished and varied her career has been. She became Chief of Pediatric Ophthalmology at Pacific Presbyterian Medical Center in 1981. In 1989, she went into private practice. In 1997, she joined the Department of Ophthalmology of California Pacific Medical Center as Program Director, and since January 2000 has been Chair of that department. In addition, she's been a visiting professor and guest lecturer in many places, and her contributions and achievements do honor to this Society. Susan has been an Active participant, and often a leader of all of the major medical ophthalmological societies, and she was elected president of the Academy in 2005 – the first woman to ever hold that position.

My introduction to Susan was one of instant admiration in 1982 when she performed as a solo flautist with the San Francisco Symphony in a special program for Academy members. In 1990, Susan invited me to be a member of the Academy Ethics Committee, which she chaired. I had the subsequent good fortune of serving with her as a Director of the American Board of Ophthalmology, and now again on the governing board of the American Ophthalmological Society. In each instance I have been awed by her unique blend of leadership, candor, wit, and compassion. Whenever I encounter Susan Day, she is filled with energy and has a smile on her face. For me, and for so many in our profession, we can be assured of a warm greeting and an inquiry on how things are going. And I am always amazed how she seems to be more interested in other people's issues than her own. Susan offers meaningful insights into any problem you present to her and those insights are remembered and prove helpful. Susan asks little for herself, but she always seems to be there for others. Susan treats us as special. However, the truth is, she is a very special person. We

want to thank her for her friendship and her leadership role in this society.

In a few minutes Dr George Spaeth will announce the winner of the Howe Medal, but I'd like to start at another award. I call it the "How To" Award. I'd like to have Susan as the first recipient of that award. Susan, could you come back for a moment.

I now re-convene the executive session, which was suspended this morning and call for reports from some of the key AOS committee reports, starting with Dr. Woodford Van Meter of the Committee on Athletics.

REPORT OF COMMITTEE ON ATHLETICS

WOODFORD VAN METER MD. I always like to start the athletic awards by reading a quote from Sloan Wilson, who said, back in 1996 that, "The athletic events are unique and vital part of the AOS structure. They allow new and old members and their spouses to meet in an informal and friendly competition year after year." These trophies, which you see up here, with the past names engraved on them, connect all of us to an illustrious past. I encourage all of you that might be interesting in participating in the golf and tennis, and in other venues where we have skeet shooting and fly fishing, to not give up on the athletics, because it really is a good social part of the AOS meeting.

TROPHIES IN GOLF	CATEGORY	WINNER
Mishima-Michels Trophy	Men's Low Gross	Woody Van Meter
Canada-McCullough Cup	Men's Low Net	Stan Truhlsen
Truhlsen Trophy	Men's Senior Low Gross	Paul Lichter
Knapp Memorial Trophy	Men's Low Net Team	Rick Ferris & Stan Truhlsen
Ellsworth Trophy	Women's Low Gross	Dorene Shipley
Homestead-Calloway Cup	Women's Low Net	Carolyn Lichter

UNOFFICIAL DUBIOUS AWARDS FROM ATHLETIC DIRECTOR:

Men Closest to PinPaul MitchellMen Long DriveEd WilsonSenior Closest to PinMalcolm MazowSenior Long DriveMichael LempWomen Closest to PinCarolyn LichterWomen Long DriveDorene Shipley

TROPHIES IN TENNIS	CATEGORY	WINNER
EVL Brown Bowl	Men's Doubles Winners	Woody Van Meter Ken Wright
EVL Brown Trophy	Men's Doubles Runner-up	John Gottsch & George Spaeth
Wilkinson Trophy	Men's Senior Winner	George Spaeth
Lewis-Perera Bowl	Women's Doubles Winners	Ann Wilson & Alice Wilkinson
Hughes Bowl	Women's Doubles Runner-up	Deena Laties & Roseanne Raab
Wong-MacDonald Trophy	Mixed Doubles Winners	Sloan Wilson & Deena Laties
Wilson Trophy	Mixed Doubles Runner-up	Steve Klyce & Alice Wilkinson

TROPHIES IN RUNNING

1st Fun Run 1st Place Bill Good
2nd Place David Weakley

DANIEL M. ALBERT MD: Thank you very much Woody, and congratulations to all the winners. But believe it or not, there is a committee that is even more important than the athletics committee. Dr. Jay Erie will announce our new members.

REPORT OF THE COMMITTEE ON NEW MEMBERS

JAY ERIE MD: I am very proud to introduce a most impressive group of new AOS members. As I introduce each member I request that they stand with their spouse the entire time, until everybody is introduced.

George (Jack) A. Cioffi, MD (Linda)- Portland, OR

David K. Coats, MD (Evelyn)- Houston, TX

Sean P. Donahue, MD, PhD (Janet) – Nashville, TN.

Michael H. Goldbaum, MD (Brenda)- La Jolla, CA.

Peter S. Hersh, MD (Beth) – Teaneck, NJ

Mark W. Johnson, MD (Linda) – Ann Arbor, MI.

Don Liu, MD (Helen) - Columbia, MO.

Marguerite McDonald, MD (Stephen) - New Orleans, LA

Samuel Packer, MD (Donna - Great Neck, NY.

Hermann D. Schubert, MD (Diane) – New York, NY.

Jerry Sebag, MD, FRCO (Jacqui) – Huntington Beach, CA.

David T. Tse, MD (Jean) - Miami, FL.

R. Patrick Yeatts, MD (Beth) – Winston-Salem, NC.

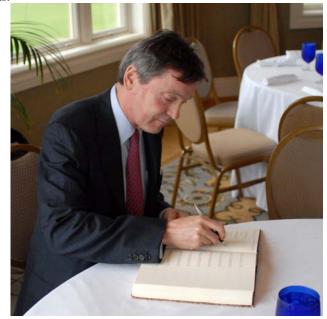
DANIEL M ALBERT MD: Dr. George Spaeth will give the report of the Committee on Prizes.

GEORGE L. SPAETH MD: The Committee selecting Dr. Davis consisted of Drs. George L. Spaeth, Chair, Ronald Smith and Dennis Robertson.

The Lucien Howe Award is the highest award that this organization can give. It has been awarded for many years. The Lucien Howe Medal is awarded on the basis of a) discoveries so notable as suddenly to advance the progress of ophthalmology in all parts of the world; b) conspicuous ophthalmological service as a writer or teacher, or, long years of devotion to our science and other contributions which constitute unusually distinguished service to ophthalmology, and c) outstanding original investigation in the field of ophthalmology.

The first ten recipients (illustrated in a slide) were surely excellent examples as is the honoree for 2006, who is a person who, almost single-handedly, changed the way ophthalmologists make decisions. Furthermore, the 2006 awardee is a person who never devolves credit onto himself or herself.

Let us consider how most medical decisions are made. They tend to be made on the basis of prior experience, such as "What led to my last expulsive hemorrhage?"; custom, such as how they were treating most glaucoma patients with pilocarpine in years past; and fear or authority. I remember well the residents of the University of Washington discussing what suture to use in the peritoneum and the answer was given definitively by recognizing that the authority in the field, Dr. Coller, used steel in the peritoneum. Of course knowledge also plays a role, but it is important to remember there has not been much knowledge in medicine until recently. Until around the middle of the 19th century, a patient was about as likely to be harmed as to be helped by a medical intervention. An important issue is how one in fact establishes causation. Association does not prove causation; nor does association with knowledge. Also essential is the elimination of bias.



DR. HERMANN D. SCHUBERT OF NEW YORK CITY SIGNING THE AOS NEW MEMBER BOOK, FINALIZING HIS ENTRANCE INTO THE AOS.

Sir Francis Bacon in 1600 said, "If a man will begin with certainties, he shall end in doubts; but if he will be content to begin with doubts, he shall end in certainties." (*The Advancement of Learning*.)

For a moment let us consider the background of our laureate. Here he is with his three siblings and his mother and father and his two dogs, Eric and Sandy (illustration), and later as editor of the yearbook of the Lawrenceville School in New Jersey (illustration). We see him at his brother Jeff's wedding, his brother being in medical school and he in pre-med at Marquette University (illustration).

After finishing at the University of Wisconsin in Madison, he served in the Navy (illustration). Here (illustration) is a picture of Christmas with Barbara, Matt and Ann in the back row, Peter in front of them, and Lisa and Amy in front row. In this (illustration) our awardee, Matthew "Dinny" Davis, sits with his son, Matt, daughter, Amy, and wife, Nancy. This (illustration) shows the first grandchild, Allison, with her mother, her Uncle Matt and Aunt Amy. Here (illustration) the proud grandfather sits with his granddaughter, Allison, and here (illustration) he attends the resident-fellow graduation at the University of Michigan with his wife Nancy. This (illustration) shows him with his wife and here (illustration) we see his entire family at his wife's birthday in 2004.

But, ". . . in this theatre of man's life it is reserved only for God and angels to be lookers-on." (Sir Francis Bacon) Matthew "Dinny" Davis has not been a looker-on, but a real participant.

Here (illustration) we see one of the early drawings depicting the findings of diabetic retinopathy, and in here (illustration) the changes that were diagrammed at a later date by drawing on a transparent sheet overlying the original drawing. Dr. Frank Myers, a long-term associate of Dr. Davis', played an important role in the department (illustration). The advent of a new Zeiss fundus camera in 1964 allowed careful documentation of the changes of diabetic retinopathy (illustration), the progressive changes in the retinal veins (illustration), and the eventual development several months later of the retinal vessels growing into vitreous.

Matthew "Dinny" Davis documented things carefully and published meticulous descriptions of the clinical course of changes occurring in the retina. In 1968 an important symposium was held, the Airlie House Symposium, in which the diagnosis, classification, and treatment of diabetic retinopathy were discussed by a remarkable group of individuals. Here (illustration) we see quite a few members of the American Ophthalmological Society, including Drs Stuart Fine, Mort Goldberg, Matthew "Dinny" Davis, Harold Spalter, Tom Duane, Ed Norton, Paul Wetzig and Mel Rubin. Out of this conference grew the first real randomized controlled trial in ophthalmology, specifically The Diabetic Retinopathy Study (illustration). Not only was Matthew "Dinny" Davis central to the organization and running of this trial, but in establishing the Reading Center in Madison, Wisconsin, he really established the whole soul of randomized controlled trials. That center serviced the Diabetic Retinopathy Study, the Diabetic Retinopathy Vitrectomy Study, the Sorbinil Randomized Trial, AREDS, the DCCT, the ECDRS, the EVS and the SOCA. Nor is it just chance that of Dr. Davis' 176 peer-reviewed publications, 119 deal with randomized controlled trials! In 1978 the remarkably-important study, "Preliminary Report on Effects of Photocoagulation Therapy," was published in the American Journal of Ophthalmology and changed the treatment of diabetic retinopathy forever (illustration).



LUCIEN HOWE MEDAL BEING AWARDED TO DR MATTHEW D. DAVIS AT THE 2006 AOS MEETING FOR HIS LIFETIME CONTRIBUTIONS TO THE PROFESSION OF OPHTHALMOLOGY.

Here (illustration) Dinny Davis is shown presenting the findings of this trial. However, as Dinny himself says, "All work and no play makes Jack a dull boy," and those involved in the DRS have not only worked terribly hard, but had a good time along the way. Here (illustration) shows Drs. Yvonne Magli, Dinny Davis and Frank Myers.

Dr. Frederick Ferris has said, "If it were not for the extreme personal effort by Dinny, the Diabetic Retinopathy Study would not have been the well-run clinical trial it turned out to be." Many have commented on how Dinny always wants data for everything and how he really drills down into data.

Some have wondered how it is that the positions Dinny takes so frequently get adopted. One of the answers is that he never leaves the table. He always debates longer than anybody else. He is the last person left, so he wears everybody down. But he does not do this loudly or aggressively, but rather just persistently. Dinny's father, Frederick, founded the Division of Ophthalmology which was a part of the Department of Surgery at the University of Wisconsin (illustration). His father was a member of the American Ophthalmological Society and was proud of Dinny becoming the Chair of the Department of Ophthalmology when it first became a Department in 1970. Dinny remained Chair until 1986. Chair Davis did things his own way, including setting up a point system which he called "Dinny's point system." Those points were given for grants obtained, teaching done, work published, etc., and they determine how much everyone in the department got paid. It was a universal agreement that he was remarkably supportive of his young faculty, encourage them to be all they could be, even when their area of interest was not one with which he was familiar or in which he was knowledgeable. Dr. Paul Kaufman comments on how Dinny encouraged Paul to get a good basic science training, adding that Dinny thought that a person that would not want his staff to get that type of training probably should not be the head of an academic department.



DR. MATTHEW D. DAVIS ACCEPTING THE HOWE MEDAL AND REMINISCING ABOUT HIS VERY PRODUCTIVE YEARS AS A LEADER IN CLINICAL TRIALS IN OPHTHALMOLOGY.

When Dinny became Emeritus Chair, he continued to have the respect of everybody in his department. He came to the meetings, did not get in the way, did not give advice unless asked, but then readily provided help and guidance.

Matthew "Dinny" Davis was and is devoted to his family, his department, his colleagues, and his patients. Here (illustration) we see a caricature drawn by Dr. Paul Henkind. Few probably know that following his fellowship training in Boston with Dr. Schepens, Dr. Davis returned to Madison where he performed important studies on the natural history of retinal breaks, and literally introduced modern retinal surgery into the area.

But his real love in medicine was clinical trials about which, as mentioned, he wrote extensively (illustration). He extended his interest in clinical trials to his way of living, and challenged one of his colleagues as to why he wanted to pay more for Michelob beer. The colleague answered that Michelob tasted better. But of course that led to a randomized controlled trial. Dinny filled six glasses in a way that was masked from the colleague, five with Michelob and one with Budweiser. But then, prior to asking his colleague to identify the glasses, he showed him three bottles, one of Michelob, one of Budweiser and one of Miller. As his colleague tasted the six glasses, he identified five correctly – four Michelob and one Bud. But he knew that there had to be some Miller in there somewhere, because of the presence of the bottle. Therefore, he called one of the glasses Michelob, "Miller." The conclusion was clear, something that Dinny knew, something he taught, and something that affected the way he lived. Specifically, bias affects our conclusions, including taste.

Emannuel Kant and other philosophers have discussed the difference between various forms of truth, one of which some call "moral truth" and another called "absolute truth." "Moral truth" involves saying what you believe and believing what you say. This type of truthfulness is appealing, important, and extremely dangerous, because the intensity of a belief need not have any relationship to the appropriateness or validity of that belief in the greater scheme of things. The other type of truth, "absolute truth," is correspondence with an external reality or, more accurately, with what truly is reality.

Matthew "Dinny" Davis was one of those rare people who was able to combine these two realities, because he has done what he believes in his heart is the right thing to do. Furthermore, what he believes is the right thing to do usually has proven to be truly right in the greater scheme of things.

The recipient of the Lucien Howe Award of the American Ophthalmology Society in 2006 is Matthew "Dinny" Davis.

We have an additional award also, which is a little different. Dr. Davis sometimes has difficulty with his neckties. And he tends to wear a safety pin to hold his tie in place. So, what we also have for him, to hold the Howe Medal in place, is two gold safety pins.

MATTHEW D. DAVIS MD: Thank you to all of you on the selection committee, the AOS members, and to my children, several of whom are here. I can say that Dr. Arnall Patz really did the first clinical trial in ophthalmology with retinopathy of prematurity. But the Diabetic Retinopathy Study (DRS), and my colleagues and I, get credit for it. I'm trying to stick to the truth, even though Dr. Spaeth did not. One thing I can say is that any leader of any clinical trial gets the credit for the work of many people. The DRS was the first trial of the National Eye Institute because the National Eye Institute was then new. Dr. Arnall Patz's trial on retinopathy of prematurity was done when ophthalmology was still part of National Institute of Neurological Diseases and Blindness. Having been part of an ophthalmology division of a department of surgery as perhaps many of the older members here were once upon a time, you realize how nice it is to be emancipated. I think the National Eye Institute felt good about being emancipated from its parent institute. I cannot name all of the people with whom I collaborated, who were so helpful. I can maybe name only three. I can name Fred Ederer, who was at the NEI, and Genell Knatteraud, who was a leader of the coordinating center at the University of Maryland. I also name Dr. Carl Kupfer, who was the first Director of the National Eye Institute and was very supportive of the trials, and clinical trials throughout his career at the NEI; I do not think ophthalmology would be where it is in regards to clinical research if that had not been true. I have to extend my thanks to many more people - the principal investigators, the coordinators, the photographers, the OCT technicians, and, most of all, to the patients. As leaders of the clinical trials we have the fun, we get to fiddle with the data, and we get to write the papers. But the important people are the investigators in the clinics who sit down with the patient and explain why it is reasonable to flip the coin. We all have a certain amount of ego and our patients expect us to know what's best. It really is pretty difficult to sit down and say, "We don't know what's the best. But we're determined to find out, and here's how we are going to do it." So, I conclude with my thanks to the committee and my thanks to this wonderful organization. I wish my father were here. He would be very proud of me.

DANIEL M. ALBERT MD: There have been many illustrious names associated with the Howe Medal, but I think you add special luster to the medal, Dinny.

At this point in the program, it's usual for the outgoing President to introduce his successor. Unfortunately Dr. John Clarkson was called away from this meeting to be at a critical board meeting in Miami. So, I will introduce him briefly in absentia.



A GATHERING OF ALL THE NEW MEMBERS OF THE AOS IN 2006. PICTURED, LEFT TO RIGHT, ARE DRS. DAVID K. COATS, MICHAEL H. GOLDBAUM, R. PATRICK YEATTS, DAVID T. TSE, SAMUEL PACKER, GEORGE (JACK) A. CIOFFI, MARGUERITE MCDONALD, PETER S. HERSH, MARK W. JOHNSON, DON LIU, HERMANN D. SCHUBERT, SEAN P. DONAHUE AND JERRY SEBAG.

Dr. Clarkson is a distinguished vitreoretinal surgeon and administrator who has enjoyed a 30-year career at the University of Miami School of Medicine. Starting as an instructor in the department of ophthalmology at Bascom Palmer Eye Institute, he came up through the ranks, serving as the director of the Bascom Palmer Eye Institute, Chair of the Department of Ophthalmology, and Medical Director of the Anne Bates Leach Eye Hospital. Since 1995, he has served as a Senior Vice President and Dean of the medical school, during which time he has been successful in transforming the medical campus into one of the most scientifically diverse, modern and well-equipped in the country. John has also presided over the redesign of the medical curriculum and has played a major role in raising the school's national status. John and his lovely wife Diana live in Miami and have two children, Page and David, and three grandchildren. John served as Council chairman for the AOS in 2003-2004. I'm sure he'll be an outstanding president for this organization in the coming year.

The business meeting is now adjourned. Please resume dancing and enjoy the rest of the evening.



THE 2006 AOS COUNCIL AND OFFICERS IN A RELAXED ATMOSPHERE DURING THE ANNUAL AOS MEETING. PICTURED, LEFT TO RIGHT, ARE DRS. CHARLES P. WILKINSON (SECRETARY TREASURER), JOHN CLARKSON (PRESIDENT ELECT), GEORGE B. BARTLEY (COUNCILOR), LEE M. JAMPOL (COUNCILOR), SUSAN DAY (COUNCIL CHAIR), DAN M. ALBERT (PRESIDENT), TRAVIS MEREDITH (COUNCILOR), DOUGLAS D. KOCH (COUNCILOR), THOMAS J. LIESEGANG (EDITOR OF THE TRANSACTIONS).

SCIENTIFIC SESSION, WEDNESDAY, MAY 24

The Meeting Continued with The Following Scientific papers:

18. "Reduction of Preoperative Conjunctival Bacterial Flora with the Use of Mupirocin Nasal Ointment," Terry J Alexandrou MD, Seenu M Hariprasad MD, Joseph Benevento, MD, Michael P Rubin MD, Michael Saidel MD, Susan Ksiazek MD, Kenneth Thompson PhD, Sue Boonlayangoor PhD, and William F. Mieler MD

- 19. "Optic Disc Imaging in Perimetrically Normal Eyes of Glaucoma Patients with Unilateral Field Loss," Joseph Caprioli MD, Kouros Nouri-Mahdavi MD, Simon K Law, MD, PharmD, and Federico Badalà MD
- 20. "New Surgical Approaches to the Management of Keratoconus and Post-Lasik Ectasia," Bryan U Tan MD, Tracy L Purcell PhD, Luis F Torres MD, PhD and David J Schanzlin MD
- 21. "Preliminary Analysis of the Final Multicenter Investigation of Rheopheresis for AMD Trial (MIRA-1) Results," Jose S Pulido MD, MS, MPH, Jeffrey L Winters MD, David Boyer MD
- 22. "Senile Panretinal Cone Dysfunction in Age-Related Macular Degeneration (Amd): A Report of 52 AMD Patients Compared to Age-Matched Controls," Shawn Ronan MD, Steve Nusinowitz PhD, Anand Swaroop PhD, and John R. Heckenlively MD

- 23. "Risk Factors for the Development of Aphakic Glaucoma after Congenital Cataract Surgery," Teresa C Chen MD, Lini S Bhatia MD, Elkan F Halpern PhD, and David S Walton MD
- 24. "Neural responses elicited by electrical stimulation of the retina," Shih-Jen Chen MD, Manjunatha Mahadevappa PhD, Roberto Roizenblatt MD, James Weiland PhD, and Mark Humayun MD, PhD

Members registered for the 2006 meeting. Sixteen professional guests are at the end of the list.

A	A11 // D' 1 - 17	A	I M 1 1 D
Active	Abbott, Richard L.	Active	Ing, Malcolm R.
Active	Albert, Daniel M.	Active	Jampol, Lee M.
Active	Alvarado, Jorge A.	Active	Jampolsky, Arthur
Active	Anderson Jr, W Banks	Active	Johnson, Mark W.
Active	Bartley, George B.	Active	Jones, Dan B.
Active	Bateman, J Bronwyn	Active	Kass, Michael A.
Active	Biglan, Albert W.	Active	Knox, David L.
Active	Bobrow, James C.	Active	Koch, Douglas D.
Active	Caprioli, Joseph	Active	Krachmer, Jay H.
Active	Chan, Chi-Chao	Active	Lakhanpal, Vinod
Active	Char, Devron H.	Emeritus	Laties, Alan M.
Active	Cibis, Gerhard W.	Active	Lemp, Michael A.
Active	Cioffi, George A.	Active	Lewis, Richard Alan
Active	Clarkson, John G.	Active	Lichter, Paul R.
Active	Coats, David K.	Active	Liesegang, Thomas J.
Active	Crawford, J Brooks	Active	Liu, Don
Emeritus	Davis, Matthew D.	Active	Ludwig, Irene H.
Active	Day, Susan H.	Active	Mannis, Mark J.
Active	Donahue, Sean Parnell	Active	Mazow, Malcolm L.
Active	Donshik, Peter C.	Active	McCulley, James P.
Active	Doughman, Donald J.	Active	McDonald, Marguerite
Emeritus	Drews, Robert C.	Active	Meredith, Travis A.
Active	Elman, Michael J.	Active	Mets, Marilyn B.
Active	Elner, Susan G.	Active	Metz, Henry S.
Active	Elner, Victor M.	Active	Mieler, William F.
Active	Erie, Jay C.	Active	Miller, Marilyn T.
Active	Federman, Jay L.	Active	Mills, Richard P.
Active	Feldon, Steven E.	Active	Minckler, Donald S.
Active	Feman, Stephen S.	Active	Mitchell, Paul R.
Active	Ferris, Frederick L.	Active	Nelson, J Daniel
Active	Flach, Allan J.	Active	O'Day, Denis M.
Active	Forster, Richard K.	Active	Packer, Samuel
Active	Foster, C. Stephen	Active	ParrishII, Richard K.
Active	France, Thomas D.	Active	Paysse, Evelyn A.
Emeritus	Fraunfelder, Frederick T.	Active	Pulido, Jose S.
Active	Friedlaender, Mitchell H.	Active	Raab, Edward L.
Active	Friedman, Alan H.	Active	Rich, Larry F.
Active	Godfrey, William A.	Active	Robertson, Dennis M.
Active	Goldbaum, Michael H.	Active	Rogers, Gary L.
Active	Good, William V.	Active	Rubin, Melvin L.
Active	Gottsch, John D.	Active	Sadun, Alfredo A.
Active	Grand, M Gilbert	Active	Schanzlin, David J.
Active	Gross, Ronald L.	Active	Schubert, Hermann D.
Active	Grossniklaus, Hans E.	Active	Schwab, Ivan R.
Active	Gutman, Froncie A.	Emeritus	Schwartz, Ariah
Active	Haller, Julia A.	Active	Schwartz, Daniel M.
Active	Harris, Gerald J.	Active	Scott, Alan B.
Active	Heckenlively, John R.	Active	Sebag, Jerry
Active	Hersh, Peter S.	Active	Shields, M Bruce
Active	Horton, Jonathan C.	Active	Small, Kent W.
Active	Humayun, Mark S.	Active	Smith, Ronald E.
Active	Iliff, Nicholas T.	Active	Spaeth, George L.

Minutes of the Proceedings

Active Srinivasan, B Dobli
Active Summers, C Gail
Active Taylor, Hugh R.
Active Tornambe, Paul E.
Emeritus Troutman, Richard C.
Emeritus Truhlsen, Stanley M.
Active Tse, David T.

Active Van Buskirk, E Michael
Active Van Meter, Woodford .
Active Van Newkirk, Mylan R.
Emeritus Veronneau-Troutman, Suzanne

Waltman, Stephen R. Active Active Walton, David S. Weakley Jr, David R. Active Welch, Robert B. Active Active Wilhelmus, Kirk R. Active Wilkinson, Charles P. WilsonJr, M Edward Active Active Wilson, David J. **Emeritus** Wilson, R Sloan **Emeritus** Wong, Vernon G. Active Wood, Thomas O.

Active Wright, Kenneth W.
Active Yannuzzi, Lawrence A.
Active Yeatts, R. Patrick
Active Younge, Brian R.
Active Zarbin, Marco A.

Professional Guest Applegate, Raymond
Professional Guest Chen, Teresa
Professional Guest Chow, Alan Y.
Professional Guest Donaldson, Mark J.
Professional Guest Fraunfelder, Rick

Professional Guest Golchet, Pamela
Professional Guest Glasser, Adrian
Professional Guest Hariprasad, Seenu M.
Professional Guest Hollander, David A.

Professional Guest Hood, Don

Professional Guest Johnson, Robert C.

Professional Guest Lee, Susan Professional Guest MacRay, Scott

Professional Guest Roberts, Cynthia PhD
Professional Guest Sandstedt, Chris
Professional Guest Shippy, Scott