

# North American Neuro-Ophthalmology Society

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L. Frohman (Board Liaison)

# North American Neuro-Ophthalmology Society

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P. Calvert (Board Liaison)

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L. Sedwick (Board Liaison)

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J. Johnston  
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P. Subramanian  
N. Volpe  
(I. Dreizin – CME)

# North American Neuro-Ophthalmology Society

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K. Digre  
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G. Van Stavern

### WOMEN IN

#### NEURO-OPHTHALMOLOGY

S. Pepin (Chair)  
L. Levi (Board Liaison)

# NANOS ARCHIVES

## PAST MEETING SITES AND FACULTY

*No star = NANOS Member Speaker*

*\* = Moderators (Excluding Walsh Program)*

*\*\* = Non-Member Guest Speakers*

### 1975 SANTA FE, NEW MEXICO

Cannon, Carlow, Daroff, Glaser, Hoyt

### 1976 SANTA FE, NEW MEXICO

Cannon, Carlow, Daroff, Glaser, Hoyt, Schatz

### 1977 PURGATORY, COLORADO

Appenzeller, Bicknell, Cannon, Carlow, Daroff, Glaser, N. Newman (CA), Schatz

### 1978 PURGATORY, COLORADO

Bicknell, Cannon, Carlow, Daroff, Glaser, Schatz, Snyder, A.E. Walker, Wray

### 1979 JACKSON HOLE, WYOMING

Bicknell, Carlow, Daroff, Glaser, Schatz, Van Dyk, Wilson, Youngue

### 1980 SANTA FE, NEW MEXICO

Bicknell, Carlow, Daroff, Glaser, Hoyt, Schatz

### 1981 PARK CITY, UTAH

Carlow, Cobbs, Corbett, Dell'Osso, Ellenberger, Glaser, Kennerdell, Sanborn, Savino, Seigel, Schatz, Thompson, Wilson, Wirtschafter, Youngue, Zauel

### 1982 LAKE DILLON, COLORADO

Bilaniuk\*\*, Beck, Carlow\*, Corbett, David, Dell'Osso, Ellenberger\*, Goodwin, Hoyt, Johnson, Kupersmith, Maitland, Piepgras\*\*, Selhorst\*, Sharpe\*, Shults\*, Smith, Spector\*, Wirtschafter\*, Youngue\*, Williams\*

### 1983 BIG SKY, MONTANA

Baloh\*\*, Beck, Carlow\*\*, Corbett, David, Dell'Osso, Ellenberger\*, Goodwin, Hoyt, Johnson, Kupersmith, Maitland, Repgrass\*\*, Selhorst\*, Sharpe\*, Shults\*, Smith, Spector\*, Wirtschafter\*, Youngue\*, Williams\*

### 1984 SNOWBIRD, UTAH

Beck, Carlow\*, Ellenberger\*, Feldon, Goodwin, Kennerdell\*, Kupersmith, Maitland, Newman, S., Sanborn, Savino\*, Schatz\*, Selhorst, Sergott, Sharpe\*, Smith, C., Spector, Stryker\*\*, Wirtschafter, Youngue\*, Zimmermann\*\*

### 1985 SUNSHINE VILLAGE, ALBERTA

Beck, Carlow\*, Corbett\*, Dell'Osso, Feldon\*, Garrity, Goodwin, Graf-Radford, Guy, Kennerdell, Kupersmith\*, I. Levy, S. Newman, Pilley, Quigley\*\*, Rosenberg, Sadun, Sharpe\*, Silberberg\*\*, C. Smith, Spector, Tomlinson, Wall, Wirtschafter, Youngue\*, Zackon, Zauel

### 1986 WHISTLER, BRITISH COLUMBIA

Carlow\*, Corbett\*, Cox, Dell'Osso, Feldon\*, Goodwin, Guy, Hoyt\*, Kennerdell, Knox, Kupersmith\*, Lisberger\*\*, Maitland, S. Newman, Pilley, Ranalli, Rodnitzky, Savino\*, Sharpe\*, Shults\*, Sibony, Thompson, Wall, Wirtschafter\*, Zimmerman\*\*

### 1987 NORTHSTAR, CALIFORNIA

Beck, Berenstein\*\*, Carlow\*, Corbett\*, Cox, Cummings\*\*, Digre, Feldon, Goodwin, Guy, Hart, Hoyt\*, Keltner, Kupersmith\*, Lasjaunias\*\*, Meckler\*, Miller, S. Newman, Rosenberg, Sadun\*, Sharpe\*, Shults\*, Thompson\*, Wirtschafter\*, Wall\*, Youngue

### 1988 CRESTED BUTTE, COLORADO

Aguago\*\*, Baker, Beck, Carr\*\*, Carlow\*, Corbett\*, Chu, Goodwin, Hart, Hoyt\*, Kupersmith\*, Maitland\*, S. Newman\*, Rizzo, Saul, Selhorst, Schiffman, Sharpe\*, Shults\*, Thompson\*, Wall, Wirtschafter\*

### 1989 CANCUN, MEXICO

Baker, Buckley, Carlow\*, Corbett\*, Daroff\*, Digre, Drake\*\*, Feldon, Goodwin\*, Glaser\*, Hupp, Kardon, Kupersmith\*, S. Newman, Odel, Sadun, Schatz\*, Schiffman, Selhorst, Sharpe\*, Shults\*, Slavin, Sibony, Spector, Thompson\*, Wall\*, Weinstein, Zackon

### 1990 STEAMBOAT SPRINGS, COLORADO

Baker, Beck\*, Carlow\*, Corbett\*, Dell'Osso, Digre, Feldon\*, Freeman\*\*, Friedman, Frishberg, Green\*\*, Grimson, Kupersmith\*, Meckler\*, Melvill Jones\*\*, McCrary, N. Newman (CA), N. Newman (GA), S. Newman\*, Odel\*, Paige\*\*, Rizzo, Sadun\*, Selhorst, Sharpe\*, Sibony, Spector\*, Winterkorn, Wirtschafter, Youngue, Zackon\*

### 1991 PARK CITY, UTAH

Baker\*, Benes, Bielory, Bienfang\*, Brodsky, Burde, Carlow\*, Corbett, Feldon\*, Frohman\*, Friedman, E., Good, Greenlee, Guy\*, Hart, Hayreh\*\*, Horton, Kosmorsky, Kupersmith\*, McCrary\*, Moster, S. Newman, Rizzo\*, Sadun\*, Selhorst, Sergott, Sharpe, Silberberg, Wall\*, Wurtz\*

### 1992 RANCHO BERNARDO INN, SAN DIEGO

Burde, Caplan\*\*, Carter, Chung, Corbett, Digre, Fletcher, Friedman, Frohman, Gage, Goodwin, Hyslop\*\*, Kardon, Kaufman, Kline, Kosmorsky, Kupersmith\*, Labutta, S. Lessell, Maitland, Miller, Moster, Newman, N.(GA), S. Newman, Odel, Saul, Slavin, Thompson\*, Thurston, Wall, Wirtschafter\*

### 1993 BIG SKY RESORT, BIG SKY, MONTANA

Aitken, Baker\*, Beck\*, Calvert, Carlow, De Yoe\*\*, Digre, Feldon\*, Frohman\*, Goodwin, Hoyt\*, Hupp, C. Johnson, P. Johnston, Kaufman, Kupersmith\*, Maitland, Meckler\*, Moster, S. Newman, Rizzo\*, Sadun, Schiffman\*, Seiff, Sergott, Slamovits\*, Tang, Troost\*, Wall, Weiss\*, Wirtschafter\*

**1994 TAMARRON RESORT, DURANGO, COLORADO**

Barrett, Borchert, Caplan, Chung\*, Fletcher\*, Friedman\*, Frohman\*, Griffin\*\*, Horton, Kardon\*, Knox, Kosmorsky, Leavitt, Mishkin\*\*, M. Rizzo\*, Sargent, Saul, Seybold, Sharpe, Shults, Tranel, Selhorst\*, Sogg\*

**1995 EL CONQUISTADOR, TUCSON, ARIZONA**

Arnold, Baker\*, Burde, Boghen, Cross, Currie, Daroff\*, Frohman, Hamed, Jacobson\*, Kattah\*, Krauss, Lavin, S. Lessell, Maitland\*, Massof\*\*, McLoon\*\*, Newman\*, Peele, Porter\*\*, J. Rizzo\*, Sadun, Tang, Tomsak, Walker\*\*, Waxman\*\*, Wirtschafter, Wolf

**1996 SNOWBIRD RESORT, SNOWBIRD, UTAH**

Arnason\*\*, Borchert\*, Calvert\*, Caplan, Chung, Cornblath, Digre, Eggenberger, Flectcher, Forman\*, Friedman\*, Good, Hart, Heckenlively\*\*, Horton\*, C. Hoyt, Johnston–NcNussen\*, Kaufman\*, Kosmorsky\*, Kupersmith\*, Miller, C. Shatz\*\*, Purvin, Rubenfeld, Sawyer, Skarf, Slavin\*, Verner\*\*, I. Williams

**1997 KEYSTONE RESORT, KEYSTONE, COLORADO**

Caplan\*, Cross\*, Dion\*\*, Eggenberger, Feldon, Fisher\*\*, Fletcher, Fohman, Galetta, Jacobson, J. Johnston, Kawasaki, Kazim\*\*, Kelly\*\*, Meckler\*, Morrow, Munzo\*\*, N.J. Newman, S. Newman\*, Paige\*, Purvin\*, A. Sadun\*, Schiffman, Sternau\*\*, Stafford\*\*, Waitzman

**1998 BUENA VISTA PALACE RESORT, ORLANDO, FLORIDA**

Averbuch–Heller, Barton, Berman, Borchert\*, Brodsky\*, Chavis, Fitzgibbon, Gans, J. Johnston\*, Kline\*, Leavitt, Morrow\*, Ransohoff\*\*, Rubenfeld\*, Sharpe, Soloman\*\*, Sretavan\*\*, Sundin\*\*, Yee

**1999 SNOWMASS VILLAGE RESORT, SNOWMASS, COLORADO**

Arnold\*, Barton, Borchert, Brodsky, Chung, Dreyer\*\*, FitzGibbon\*, Fletcher, Galetta\*, Gutmann\*\*, Halmagyi\*\*, Hamilton, Johnson\*, Kaufman, Lee, Levin\*, Lippa\*\*, Maitland, Morrow, Moster\*, N.J. Newman, Sargent\*, Smith\*, Winterkorn, Zee, Zimmernan

**2000 MT. TREMBLANT RESORT, TREMBLANT, QUEBEC**

J.S. Barton, Brazis, Calvert, Caplan, Corbett, Cox, Cross, Eggenberger\*, Friedman, Gamlin\*\*, Garrity, Jacobson, Johnston–McNussen, Kardon\*, M. Kazim\*\*, Kennerdell, Krauss\*, Kupersmith, A. Lee\*, Leavitt\*, Lincoff, Ptacek\*\*, Purvin, M. Rosenberg\*, Sargent, Skarf\*, Wall\*, Williams, Wirtschafter

**2001 MISSION HILLS RESORT, RANCHO MIRAGE, CALIFORNIA**

Anderson\*\*, Arnold\*, Balcer, Blake, Bryan\*\*, Chung\*, Egan, Eggenberger, FitzGibbon\*, Galetta\*, Garrity\*, Gordon, Grossman\*\*, Hedges, Krauss\*, Legge, Levin\*, Levi\*, Lincoff\*, Liu, Mahon, Miller, Mills, Rizzo, Rudick\*\*, Sadun, C. Smith, Stafford, Sternau, Volpe\*

**2002 COPPER MOUNTAIN RESORT, COPPER MOUNTAIN, COLORADO**

Balcer, Borchert, Bose\*, Calvert, Chung\*, Cox, Cross\*, DeAngelis\*\*, Dell'Osso\*, FitzGibbon, Forbes\*\*, Gardner\*\*, Giannini\*\*, Golnick, Gordon\*, Hood\*\*, Jacobson, Jampol\*\*, Keltner, Knox\*, Leavitt\*, Mahon\*\*, Miller, Moster, S. Newman\*, Odel, Pomeranz\*, Purvin, Reader, Sawyer\*, Schiffman, Tang, Vance\*\*, Williams\*\*, Younge\*

**2003 SNOWBIRD SKI RESORT, SNOWBIRD, UTAH**

Balcer, Borchert, Bose\*, Calvert, Chung\*, Cox, Cross\*, DeAngelis\*\*, Dell'Osso\*, FitzGibbon, Forbes\*\*, Gardner\*\*, Giannini\*\*, Golnik, Gordon\*, Hood\*\*, Jacobson, Jampol\*\*, Keltner, Knox\*, Leavitt\*, Mahon\*\*, Miller, Moster, S. Newman\*, Odel, Pomeranz\*, Purvin, Reader, Sawyer\*, Schiffman, Tang, Vance\*\* Younge\*

**2004 ORLANDO, FLORIDA**

Berger\*\*, Balcer, Bennett, Berenstein\*\*, Bose\*, Brodsky, Calvert, Chavis, Cockerham, Cornblath\*, Demer\*\*, Eggenberger, Garrity, Ghatek\*\*, Gordon\*, Kawasaki\*, Kosmorsky\*, Krauss\*, Leigh\*\*, Levi, Liu\*, Luciano\*\*, Mahon\*\*, Morrow, Moster\*, S. Newman, Osborn\*\*, Pomeranz\*, Sergott, Tang, Turbin, Winterkorn\*, Wong\*

**2005 COPPER MOUNTAIN RESORT, COPPER MOUNTAIN, COLORADO**

Rorke–Adams\*\*, Barton\*, Borchert, Buckley, Caplan, Craigle\*\*, Digre\*, Donahue\*, Egan\*, FitzGibbon\*, Friedman, Frishberg\*, Galletta, Goadsby\*\*, C.Hoyt\*\*, Huna–Baron\*, Kaminski\*\*, Keltner, Kerrison\*, Landau\*, Lane\*\*, Lewis\*\*, Lombardo\*\*, Mawn\*, Miller, Parsa\*, Repka, Rucker, Selhorst\*, Tang, Trobe, Van Stavern\*, Volpe, Weinstein, Zimmerman\*\*

**2006 JW MARRIOTT STARR PASS RESORT AND SPA, TUCSON, ARIZONA**

Balcer\*, Bose\*, Calvert, Chambers\*\*, Corbett, Craigle\*\*, Curtin\*\*, Digre, Eggenberger\*, Friedman\*, Fujimoto\*\*, Gordon\*, Hedges, III\*, W. Hoyt\*, Huxlin\*\*, M. Johnston\*\*, Kardon, Kaufman\*, Kerrison\*, Lessell, Liu, Lombardo\*\*, Mejico\*, N. Miller, Mindel\*, Mokri\*\*, M. Moster\*\*, N. Newman, Odel, Pomeranz\*, Purvin, Prystowsky\*\*, Ray, Savino, Sergott, Newman–Toker, Trobe\*, Wall, Warner, Hedley–Whyte\*\*, Wray

**2007 SNOWBIRD SKI RESORT, SNOWBIRD, UTAH**

Acierno, Arnold, Balcer, Bennett\*, Biousse, Bose\*, Cockerham, Cornblath, Costello, Digre, Di Polo\*\*, Eggenberger, Falardeau\*\*, Feldon\*, Freedman\*\*, Frohman, Garrity, Gaskill\*\*, Golnik, Gordon, Guy, Hauswirth\*\*, Kirby\*\*, LeBer\*\*, Lee, Levin\*, Lombardo\*\*, McCulley, Miller, Mower\*\*, Murphy\*\*, Newman–Toker, Rucker\*, Sadun, Stieber\*\*, Trobe\*, Van Gelder\*\*, Wong, Workman\*\*, Youngkin\*\*

**2008 RENAISSANCE ORLANDO AT SEAWORLD, ORLANDO, FLORIDA**

Acierno\*, Agarwal, Anderson\*, Arnold, Biousse\*, Bose\*, Corbett, Cornblath\*, Costello, Dennis, Duffy\*\*, Eggenberger\*, Farris, Frankel\*\*, Friedman, Gordon, Hinton\*\*, Inglese\*\*, Jirawuthiworavong, Kelman, Kim\*\*, Krauss, Lee\*, Legge, Levi, Lombardo\*, N. Newman\*, S. Newman\*, Newman–Toker\*, Paulson\*\*, Pelak\*, Quiros, Rizzo, Selhorst\*, Truwit\*\*, Van Stavern, Volpe\*, Wong\*

**2009 HYATT REGENCY LAKE TAHOE RESORT, LAKE TAHOE, NEVADA**

Acierno, Arnold, Bazarian\*\*, Biousse, Bollen\*\*, Bose\*, Costello, Daroff, Eggenberger, Ellis–Behnke\*\*, Engle\*\*, Fallon, FitzGibbon, Galetta, Glastonbury\*\*, Golnik\*, Gordon, Horton, Hoyt, Hwang, Le Ber, A. Lee\*, Levin, Liao, Lombardo\*, McCulley, Miller, N. Newman, Pomeranz, Repka, Rizzo\*, Sadowski\*\*, Sadun, Siatkowski\*, Silva\*\*, Subramanian\*, Trauzettel–Klosinski, Trobe, Tychsen\*\*, Volpe, Warner\*, Wong\*

# NANOS ARCHIVES

## PAST OFFICERS AND BOARD MEMBERS

### 1980-1982

President: Thomas J. Carlow, M.D.  
 Vice-President: Joseph Bicknell, M.D.  
 Secretary-Treasurer: Donald Seelinger, M.D.

### 1983-1985

President: Thomas J. Carlow, M.D.  
 Vice-President: Peter Savino, M.D.  
 Secretary-Treasurer: Brian Younge, M.D.  
 Member-at-Large: Carl Ellenberger, M.D.  
 Board of Directors: Robert Daroff, M.D.  
 Joel S. Glaser, M.D.  
 William F. Hoyt, M.D.  
 Norman Schatz, M.D.

### 1986-1989

President: Thomas J. Carlow, M.D.  
 Vice-President: James A. Sharpe, M.D.  
 Secretary-Treasurer: James Corbett, M.D.  
 Member-at-Large: William T. Shults, M.D.  
 Board of Directors: Robert Daroff, M.D.  
 Joel S. Glaser, M.D.  
 William F. Hoyt, M.D.  
 Norman Schatz, M.D.

### 1990-1992

President: Thomas J. Carlow, M.D.  
 President-Elect: James A. Sharpe, M.D.  
 Vice-President: James J. Corbett, M.D.  
 Secretary: Mark J. Kupersmith, M.D.  
 Treasurer: Steven E. Feldon, M.D.  
 Board of Directors: Robert Daroff, M.D.  
 Joel S. Glaser, M.D.  
 William F. Hoyt, M.D.  
 Norman Schatz, M.D.

### 1992-1994

President: James A. Sharpe, M.D.  
 President Elect: Steven E. Feldon, M.D.  
 Vice-President: James J. Corbett, M.D.  
 Secretary: Joseph Rizzo, M.D.  
 Treasurer: Michael Wall, M.D.  
 Board of Directors: Thomas J. Carlow, M.D.  
 Robert Daroff, M.D.  
 William F. Hoyt, M.D.  
 Nancy J. Newman, M.D.  
 William T. Shults, M.D.

### 1994-1996

President: Steven E. Feldon, M.D.  
 President Elect: Jonathan Wirtschafter, M.D.  
 Vice-President: Alfredo A. Sadun, M.D.  
 Secretary: John B. Selhorst, M.D.  
 Treasurer: Kathleen Digre, M.D.  
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 James J. Corbett, M.D.  
 Neil R. Miller, M.D.  
 James A. Sharpe, M.D.

### 1996-1998

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 President-Elect: John Selhorst, M.D.  
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 Treasurer: Deborah Friedman, M.D.  
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 B. Todd Trost, M.D.  
 James A. Sharpe, M.D.  
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 Editor JNO: Ronald M. Burde, M.D.

### 1998-2000

President: John B. Selhorst, M.D.  
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 Secretary: William Fletcher, M.D.  
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 Steven Feldon, M.D.  
 H. Stanley Thompson, M.D. 97-99  
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 D. Jacobson, M.D. 99-01  
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 Executive Vice-President: Thomas J. Carlow, M.D.  
 Editor JNO: Ronald M. Burde, M.D.

### 2000-2002

President: Neil R. Miller, M.D.  
 President-Elect: Kathleen Digre, M.D.  
 Vice-President: Joel Weinstein, M.D.  
 Secretary: Deborah Friedman, M.D.  
 Treasurer: Ralph Sawyer, M.D.  
 Board of Directors: Larry Frohman, M.D.  
 Daniel Jacobson, M.D. 99-01  
 John Keltner, M.D. 99-01  
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 Steven Newman, M.D. 00-02  
 Valerie A. Purvin, M.D. 01-03  
 John B. Selhorst, M.D. 00-02  
 Executive Vice-President: Thomas J. Carlow, M.D.  
 Editor JNO: Ron Burde, M.D. 01  
 Jonathan D. Trobe, M.D. 02

### 2002-2004

President: Kathleen Digre, M.D.  
 President-Elect: Larry Frohman, M.D.  
 Vice-President: Steven A. Newman, M.D.  
 Secretary: Laura J. Balcer, M.D.  
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### 2004-2006

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### 2006-2008

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 Editor JNO: Jonathan D. Trobe, M.D.

## NANOS RECOGNITION AND AWARDS PRESENTED AT THE ANNUAL NANOS BANQUET DURING THE ANNUAL MEETING

### RESIDENT FELLOW AWARD RECIPIENTS

*Separate awards are given to the best work by a medical student, resident or fellow. Eligible candidates include any medical student, resident or individual in a fellowship program who is the first (presenting) author of work done as a student, resident or fellow respectively. Judging for the awards is based upon the candidate's platform or poster presentation at the annual NANOS meeting.*

1983	Big Sky David Zackon <b>Vertical Supranuclear Gaze Palsy and Intrathoracic Carcinoid Tumor</b>	1993	Big Sky Kimerly Peele <b>The Role of Peripheral Visual Fields in IIH</b>
1984	Snowbird Mary Stefanyszyn <b>Optic Nerve Tumor in a Child</b>	1994	Durango Aki Selky <b>Variability of the Relative Afferent Pupillary Defect: Effect of Stimulus Number, Duration, and Step Size on the Confidence Limit Using Pupillography</b>
1985	Sunshine Village Paul Ranalli <b>Ocular Motor Syndrome of the Superior Cerebellar</b>	1995	Tucson Erkan Mutlukan <b>Red Color Desaturation, Brightness Perception Asymmetry and Light Detection Threshold Elevation in Optic Neuropathy: How Do They Inter-Relate?</b>
1986	Whistler William Fletcher <b>Big Blind Spot Syndrome without Optic Disc Edema Artery</b>	1996	Snowbird Nurhan Torun <b>Initial and Sinusoidal Vestibulo-Ocular Reflex Following Focal Brainstem Lesions</b>
1987	Lake Tahoe Steven Gross <b>A Child with Aminoaciduria and Retinal Degeneration</b>	1997	Keystone John M. Khoury <b>Can Humphrey Perimetry 24-2 Be Substituted for 30-2</b>
1988	Crested Butte Jonathan Horton <b>Ocular Dominance Columns in Human Visual Cortex</b>	1998	Orlando Valerie Biousse, M.D. <b>Neuro-Ophthalmologic Manifestations of 145 Patients with Extracranial Internal Carotid Artery Dissections</b>
1989	Cancun Karl Gornik <b>Acute Visual Loss in a Young Male</b>	1999	Snowmass John Kerrison, M.D. <b>Congenital Motor Nystagmus Linked to Xq26-q27</b>
1990	Steamboat Springs Jonathan Horton <b>Occipital Visual Field Defects Respecting the Horizontal Meridian: Hallmark of Extrastriate Cortical Lesions</b>	2000	Mt. Tremblant Agnes Wong, M.D. <b>Effects of Abducens Nerve Palsy on Listing's Law During Saccades and Fixation</b>
1991	Park City Constance Fry <b>Is there Value in Evaluating Carotid Artery Patency in Patients with Anterior Ischemic Optic Neuropathy</b>	2001	Rancho Mirage, CA Gabriella Szatmary, M.D. <b>Can Sita Fast Be Used as a Reliable Alternative to Goldman Perimetry in Neuro-Ophthalmic Practice?</b>
1992	Rancho Bernardo Ikye Smith <b>Herteroplasmy in Leber's Hereditary Optic Neuropathy</b>	2002	Copper Mountain Nicholas T. Monsul, M.D. <b>Dibutyryl Cyclis AMP Promotes Optic Nerve Regeneration</b>
		2003	Snowbird Nitza Goldenberg-Cohen, M.D. <b>Defining the Retinal and Optic Nerve Response to Anterior Ischemic Optic Neuropathy (AION) Using a Mouse Model</b>



**NANOS RECOGNITION AND AWARDS**  
**PRESENTED AT THE ANNUAL NANOS BANQUET DURING THE ANNUAL MEETING**  
(CONTINUED)

2004 Orlando

- Fellow: *Guy V. Jirawuthiworavong, M.D., M.A.*  
**Frequency of Antiretinal Antibodies in Normal Human Serum**
- Resident: *Gregory F. Wu, M.D., Ph.D.*  
**Visual Function and Disease Phenotype in Multiple Sclerosis**
- Student: *A Quantitative Approach to Identifying Non-Organic Contributions to Field Defects Using the Multifocal Visual Evoked Potential (mfVEP)*

2005 Copper Mountain

- Fellow: *Gabrielle R. Bonhomme, M.D.*  
**Isolated Pediatric Optic Neuritis: Brain MRI Abnormalities and Risk of Multiple Sclerosis**
- Resident: *Clare Fraser, M.B.B.S.*  
**Multifocal Visual Evoked Potentials in the Differential Diagnosis of Acute Optic Neuritis**
- Student: *Christopher Rodarte, B.A.*  
**A Quantitative Approach to Identifying Delayed Latencies in the Multifocal Visual Evoked Potential (mfVEP)**

2006 Tucson

- Fellow: *Gregory Wu, M.D., Ph.D.*  
**Regional MRI Abnormalities and Visual Dysfunction in Patients with Multiple Sclerosis**
- Resident: *Clare Fraser, M.B.B.S.*  
**One Year Multiple Sclerosis Conversion Rates for Patients with Multifocal Visual Evoked Potential (MVEP) Latency Delay**
- Student: *Michael D. Richards*  
**Duration of Binocular Decorrelation Predicts the Intensity of Fusion Maldevelopment (Latent) Nystagmus in Strabismic Macaque Monkeys**

2007 Snowbird

- Fellow: *Christopher C. Glisson, D.O.*  
**Clinical Characteristics Associated with Neuromyelitis Optica (NMO) Antibody Seropositivity**
- Resident: *Melissa W. Ko, M.D.*  
**Assessment of Visual Dysfunction in Parkinson's Disease**
- Student: *Bryn Burkholder*  
**Low-Contrast Letter Acuity Loss Over Time in Multiple Sclerosis Correlates with Reductions in Retinal Nerve Fiber Layer Thickness and Macular Volume by OCT**

2008 Orlando

- Fellow: *Thomas N. Hwang, M.D., Ph.D.*  
**Reconstitution of Light-Evoked Responses through a Mechanism of NMDA Receptor Mobility across the Cell Membrane in a Tiger Salamander Model**
- Resident: *Sashank Prasad, M.D.*  
**Cross-Modal Language Processing in the Visual Cortex of the Congenitally Blind**
- Student: *Matt Schlenker*  
**The Translational Vestibulo-Ocular Reflex in Patients with Skew Deviation**

2009 Lake Tahoe

- Fellow: *Divya Aggarwal, M.D.*  
**Melanopsin Retinal Ganglion Cells: A New Class of Cells in Human Retina**
- Resident: *Daniel Barthelmes, M.D., FEBO*  
**Retinal Hemorrhages in High Altitude Mountaineers**
- Student: *Sally C. Chang*  
**MS Functional Composite Scores with a Visual Component Added Capture Axonal Loss in Patients with Multiple Sclerosis**



**NANOS RECOGNITION AND AWARDS**  
**PRESENTED AT THE ANNUAL NANOS BANQUET DURING THE ANNUAL MEETING**  
(CONTINUED)

**THE THOMAS AND SUSAN CARLOW YOUNG INVESTIGATOR AWARD**

*This award was established to encourage and recognize basic or clinical research in neuro-ophthalmology by a NANOS candidate or active member. The originality, scientific merit and neuro-ophthalmic interest of a developing investigator's total body of work combined with a representative new research manuscript will be considered as criteria to determine the award recipient. The award is selected by the Research Committee during the Annual Meeting and need not be given annually. It is not open to NANOS Fellows.*

- 1997    *Leonard A. Levin, M.D., Ph.D.*  
**Induction of Gene Expression after Retinal Ganglion Cell Anatomy**
- 1998    *Jason J.S. Barton, M.D.*  
**Ocular Tracking of Step-Ramp Targets by Patients with Unilateral Cerebral Lesions**
- 1999    *Wolf Lagreze, M.D.*  
**Neuroprotection with Memantine, Cerestat and Riluzole in a Rat Model of Acute Retinal Ischemia**
- 2000    *Sean Donahue, M.D.*  
**Skew Deviation and Inferior Oblique Palsy**
- 2002    *Valerie Biousse, M.D.*  
**The Eyes of Mito-Mouse**
- 2003    *Agnes M.F. Wong, M.D., Ph.D.*  
**Early Versus Delayed Correction of Infantile Strabismus in Macaque Monkeys: Effects on Cerebral Ocular Motor Circuits**
- 2004    *John B. Kerrison, M.D.*  
**Candidate Gene Analysis in X-linked Congenital Nystagmus**
- 2005    *Steven F. Stasheff, M.D., Ph.D.*  
**Alterations in Spontaneous and Light Evoked Ganglion Cell Activity During Retinal Degeneration in Roll Mice**
- 2006    None
- 2007    *Fiona Costello, M.D., FRCP*  
**Retinal Nerve Fiber Layer Measurements in Optic Neuritis: Determining the Role of OCT in Predicting Visual Recovery and the Future Risk of MS**
- 2008    *Kenneth Shindler, M.D.*  
**Orally Administered SIRT1 Activator SRT501 is Neuroprotective for Retinal Ganglion Cells and Suppresses and Neurological Dysfunction in a Mouse Model of Multiple Sclerosis**
- 2009    *Michael S. Salman, Ph.D., MRCP*  
**Characteristics of the Cerebellar Dysplasia in Type II Malformation as Revealed by Ocular Motor Functions**

**DISTINGUISHED SERVICE AWARD**

*This award is given by the Executive Board to those who have provided a sustained and substantial service to the North American Neuro-Ophthalmology Society or to this field of neuro-ophthalmology.*

- 2000    *Susan Carlow*  
*Thomas J. Carlow, M.D.*  
*Robert B. Daroff, M.D.*  
*Joel S. Glaser, M.D.*  
*William F. Hoyt, M.D.*  
*David L. Knox, M.D.*  
*Norman J. Schatz, M.D.*
- 2002    *Ronald M. Burde, M.D.*
- 2004    *James A. Sharpe, M.D.*  
*H. Stanley Thompson, M.D.*  
*Jonathan D. Wirtschafter, M.D.*
- 2005    *Steven E. Feldon, M.D., MBA*
- 2006    None
- 2007    *John B. Selhorst, M.D.*  
*Neil R. Miller, M.D.*
- 2008    *Kathleen B. Digre, M.D.*
- 2009    *Mark J. Kupersmith, M.D.*

**WILLIAM F. HOYT LECTURE**

- 2001    *Thomas J. Carlow, M.D.*  
**Oculomotor Ophthalmoplegic Migrane: Is it Really Migrane?**
- 2002    *H. Stanley Thompson, M.D.*  
**The Vitality of the Pupil: A History of the Clinical Use of the Pupil as an Indicator of Visual Potential.**
- 2003    *Simmons Lessell, M.D.*  
**The Neuro-Ophthalmic Complications of Radiation**
- 2004    *Creig S. Hoyt, M.D.*  
**What Do We Really Know About Amblyopia?**
- 2005    *Neil R. Miller, M.D.*  
**Advances in the Diagnosis and Management of Optic Nerve Sheath Meningiomas**
- 2006    None
- 2007    *Joel S. Glaser, M.D.*  
**Romancing the Chiasm**
- 2008    *Peter J. Savino, M.D.*  
**Evaluation of the Retinal Nerve Fiber Layer: Descriptive or Predictive**
- 2009    *Peter Savino, M.D.*  
**We answered this one this a.m.**

**NANOS RECOGNITION AND AWARDS**  
**PRESENTED AT THE ANNUAL NANOS BANQUET DURING THE ANNUAL MEETING**  
(CONTINUED)

**BEST FRANK B. WALSH SESSION PAPER PRESENTATION  
BY A FELLOW**

2004 *Margaret M. Wong, MBBS, FRCS, FRCOphth*  
**Frozen Eyes and Muscle Cramps**

2005 *Kevin M. Barrett, M.D.*  
**An Obvious Case of Giant Cell Ateritis**

2006 *Jennifer T. Scruggs, M.D.*  
**A 68 Year-Old Woman with New Onset Vertical  
Diplopia and Pain**

2007 *Thomas N. Hwang, M.D., Ph.D.*  
**A Case of Bilateral Optic Nerve Atrophy**

2008 *Beau Bruce, M.D.*  
**What!?!?**

*Thomas Hwang, M.D.*  
**My Orbits Are Melting**

2009 *Sashank Prasad, M.D.*  
**Hear No Evil, See No Evil**



# Bylaws

## ARTICLE I - OBJECTIVES

The North American Neuro-Ophthalmology Society (NANOS), also called the Society, exists for and is dedicated to the following purposes:

- 1) Support for those principles, policies and practices that seek the attainment of the best in neuro-ophthalmologic patient care.
- 2) The pursuit of excellence in medical education, especially as it concerns the neuro-ophthalmologic sciences.
- 3) The pursuit of scientific and clinical knowledge in fields related to neuro-ophthalmology.
- 4) The communication of scientific and scholarly information through scientific meetings and publications.
- 5) Provision for communication with other groups and their representation for neuro-ophthalmologic opinion to best achieve and preserve the purposes of the Society.
- 6) The advancement of clinical neuro-ophthalmology.

## ARTICLE II - MEMBERSHIP

### Section 1 – Classes of Membership

Membership in NANOS shall consist of ten classes: Fellow, International Fellow, Active Member, International Active Member, Candidate, International Candidate, Associate Member, Honorary Member, Senior Fellow Member and Senior Member. There shall be no restriction regarding the number of members in any given category. All candidates for membership and all members shall be in compliance with the NANOS ethics statement. Violation of the NANOS ethics statement will render an applicant ineligible for membership.

**Section 2 – Fellows** may be elected only from among physicians nominated by the Membership Committee:

- 1) who have been certified in Neurology by the American Board of Psychiatry and Neurology, or in Neurosurgery by the American Board of Neurosurgery, or in Ophthalmology by the American Board of Ophthalmology, or in Neurology by the American Osteopathic Board of Neurology and Psychiatry, or in Ophthalmology by the American Osteopathic Colleges of Ophthalmology and Otolaryngology, Head and Neck Surgery, or in Neurology, Neurosurgery or Ophthalmology by the Royal College of Physicians and

Surgeons of Canada, or the Professional Corporation of Physicians of Quebec; and

- 2) whose chief interest is directed toward practice, teaching or research in Neuro-Ophthalmology; and
- 3) who have been Active Members of NANOS for no less than three years; and
- 4) who have attended no less than five annual NANOS or Frank Walsh meetings in five separate calendar years; and
- 5) who have demonstrated special achievement in clinical Neuro-Ophthalmology; and
- 6) who have completed a year of Neuro-Ophthalmology Fellowship or have practiced clinical Neuro-Ophthalmology or have performed research in Neuro-Ophthalmology for three years. An exception may be the election of certain other members of unusual accomplishment, at the discretion of the Executive Board of NANOS upon recommendation by the Membership Committee.

**Section 3 – International Fellows** may be elected only from among physicians outside the United States and Canada upon nomination by the Membership Committee:

- 1) whose chief interest is directed toward practice, teaching or research in Neuro-Ophthalmology; and
- 2) who have been International Active Members of NANOS for no less than three years; and
- 3) who have attended no less than five annual NANOS or Frank Walsh meetings in five separate calendar years; and
- 4) who have demonstrated special achievement in clinical Neuro-Ophthalmology; and
- 5) who have completed a year of Neuro-Ophthalmology Fellowship or have practiced clinical Neuro-Ophthalmology or have performed research in Neuro-Ophthalmology for three years. An exception may be made for the election of certain other members of unusual accomplishment, at the discretion of the Executive Board of NANOS upon recommendation by the Membership Committee.

**Section 4 – Active Members** may be elected from among physicians nominated by the Membership Committee who have been certified in Neurology by the American Board of Psychiatry and Neurology, or in Neurosurgery by the American Board of Neurosurgery, or in Ophthalmology by the American Board of Ophthalmology, or in Neurology by the American Osteopathic Board of Neurology and Psychiatry, or in Ophthalmology by the American Osteopathic Colleges of Ophthalmology and Otolaryngology, Head and Neck Surgery, or in Neurology, Neurosurgery or Ophthalmology by the Royal College of Physicians and Surgeons of Canada, or the Professional Corporation of Physicians of Quebec.

**Section 5 – International Active Members** may be elected from among physicians outside the United States and Canada upon nomination by the Membership Committee

- 1) who have graduated from a foreign medical school recognized by the World Health Organization (WHO) and who show evidence of having passed the requirements for license to practice medicine in their home country or country of residence; and
- 2) who have completed postgraduate training in Neurology, Ophthalmology or Neurosurgery who are certified by the licensing authority in their country or by an internationally-recognized agency that grants accreditation in these specialties,

OR

- 1) who have been recognized specialists in Neuro-Ophthalmology in their country for at least five years; and
- 2) have achieved distinction in clinical practice, teaching or research.

**Section 6 – Candidate Members** may be elected from among physicians nominated by the Membership Committee

- 1) who have graduated from a recognized School or College of Medicine in the United States or Canada, or College of Osteopathic Medicine in the United States, or a foreign medical school and show evidence of having passed the requirements for license to practice medicine in the United States or Canada, and
- 2) who are engaged in postgraduate studies directed toward qualification to be certified in Neurology by the American Board of Psychiatry and Neurology, or in Neurosurgery by the American Board of Neurosurgery, or in Ophthalmology by the American Board of Ophthalmology, or in Neurology by the American Osteopathic Board of Neurology and Psychiatry, or in Ophthalmology by the American Osteopathic Colleges of Ophthalmology and Otolaryngology, Head and Neck Surgery, or in Neurology, Neurosurgery or Ophthalmology by the Royal College of Physicians and Surgeons of Canada, or the Professional Corporation of Physicians of Quebec.

The duration of Candidate Membership status may not extend beyond seven years from the date the Candidate Member began postgraduate training, except that a Candidate Member may, upon written request and authorization from the NANOS Board, extend his/her Candidate Membership due to active military service for a period of time, equal to the time such Candidate Member spent in active duty military service during the Candidate Membership period. In no event shall a Candidate Member be allowed to maintain Candidate Membership status for a period of more than ten (10) years.

Candidate Members shall be transferred to Active Membership upon certification in Neurology by the American Board of Psychiatry and Neurology, or in Neurosurgery by the American Board of Neurosurgery, or in Ophthalmology by the American Board of Ophthalmology, or in Neurology by the American Osteopathic Board of Neurology and Psychiatry, or in Ophthalmology by the American Osteopathic Colleges of Ophthalmology and Otolaryngology, Head and Neck Surgery, or in Neurology, Neurosurgery or Ophthalmology by the Royal College of Physicians and Surgeons of Canada, or the Professional Corporation of Physicians of Quebec. The transfer of status from Candidate Member to Active Member will automatically occur after written receipt of notification from the appropriate board or entity and subsequent independent confirmation by NANOS that the Candidate Member has obtained the required certification.

Candidate Members who are ineligible for Active Membership may apply for election to Associate Membership at the end of their period of eligibility for Candidate Membership.

**Section 7 – International Candidate Members** may be elected from among physicians outside the United States and Canada upon nomination by the Membership Committee

- 1) who have graduated from a foreign medical school recognized by the World Health Organization (WHO) and who show evidence of having passed the requirements for license to practice medicine in their home country in their home country or country of residence; and
- 2) who are engaged in postgraduate studies directed toward qualification in the clinical specialties of Neurology, Neurosurgery, or Ophthalmology.

The duration of International Candidate Membership status may not extend beyond seven (7) years from the date such International Candidate began postgraduate training, except that an International Candidate Member may, upon written request and authorization from the NANOS Board, extend his/her International Candidate Membership due to active duty military service for a period of time, equal to the time such International Candidate Member spent in active duty military service during the initial International Candidate Membership period. In no event shall an International Candidate

Member be allowed to maintain International Candidate Membership status for a period of more than ten (10) years.

International Candidate Members shall be transferred to International Active Membership upon completion of a postgraduate training program in Neurology, Ophthalmology or Neurosurgery that is recognized by the licensing authority in their country or by an internationally recognized agency that grants accreditation in these specialties. The transfer of status from International Candidate Member to International Active Member will automatically occur after written receipt of notification from the appropriate board or entity and subsequent independent confirmation by NANOS that the International Candidate Member has satisfactorily completed the required training program. International Candidate Members who are ineligible for International Membership may apply for election to Associate Membership at the end of their period of eligibility for Candidate Membership.

**Section 8 – Associate Members** may be elected upon nomination by the Membership Committee from among the following:

- 1) Physicians who have graduated from any medical school recognized by the World Health Organization (WHO), who show evidence of having passed the requirements for license to practice medicine in their home country or country of residence and who are practicing in clinical specialties of Neurology, Neurosurgery or Ophthalmology or in other fields related to Neuro–Ophthalmology; or
- 2) Persons, including physicians or holders of an advanced degree, practicing or engaged in non-clinical fields relating to Neuro–Ophthalmology.

**Section 9 – Honorary Fellows** may be elected upon nomination by the Membership Committee from among distinguished persons including physicians in clinical Neuro–Ophthalmology or cognate fields and other holders of an advanced degree. Nominations for this category must bear the signature of two sponsors who must be Fellows.

**Section 10 – Senior Fellow Members** may be elected upon nomination by the Membership Committee from among Fellows who are the age of 65 or older, disabled, or are fully retired from the active practice of clinical Neuro–Ophthalmology or research.

**Section 11 – Senior Members** may be elected upon nomination by the Membership Committee from among Active or Associate Members who have been Society Members for a period of no less than five years, are the age of 65 or older, disabled, or are fully retired from the active practice of clinical Neuro–Ophthalmology or research.

**Section 12 – Voting and Holding Office in NANOS**  
Only Members in the following classes of Membership are entitled to vote on any matter in person or by proxy during any Annual or Special Business Meeting of the

Society: Fellows, International Fellows, Active Members, International Active Members, Senior Fellow Members, and those Senior Members who had voting privileges in their most recent previous category of Membership. NANOS Fellows and Members who have the right to cast votes in person or by proxy will be designated as “eligible voters” and the group of eligible voters may be referred to as the “Voting Membership” in these Bylaws and in official Society documents. Voting privileges may be suspended at the discretion of the Executive Board if an eligible voter is found to be in violation of the NANOS ethics statement.

The only class of Member entitled to hold any elected office in NANOS shall be Fellows. Violations of the NANOS ethics statement will render Members ineligible for holding an elected NANOS office until otherwise decided by the Executive Board. Elected officers found to be in violation of the NANOS ethics statement may be removed from office at the discretion of the Executive Board.

**Section 13 – Procedure for Application to Membership**  
Application for membership shall be made in writing on the application form provided by the Executive Office, supplying in detail all information required, and signed as the name is to appear in the membership records.

Application for Fellowship must include the written recommendation of two Fellows. Application for International Fellowship must include a written recommendation from two Fellows or International Fellows. Application for International Membership must include a written recommendation from two Fellows, International Fellows or International Members. Applications for other classes of membership must bear the signature of two sponsors who are Fellows in NANOS.

Completed applications will be forwarded to the Membership Committee for review to assure applicants meet the criteria for membership. Recommendations regarding either approval or rejection for all categories of membership must be approved by a two-third vote of the eligible voters in attendance at the annual meeting.

**Section 14 – Fees, Dues and Assessments**

- 1) The dues, assessments, and other fees for each class of membership shall be established annually by the Executive Board.
- 2) Annual dues shall be established on the basis of the fiscal year. The dues for a year shall be payable on the first of June for the fiscal year beginning July 1 of that year and shall be considered delinquent if not paid by July 15 of the current fiscal year. Assessments and fees shall be payable at the time or times that the Executive Board shall determine.
- 3) Assessments, or other fees shall be payable by Honorary Members, Senior Fellow Members, or Senior Members at the discretion of the Executive Board.

**Section 15 – Termination of Membership**  
Policies regarding late or non-payment of dues, including penalties and suspension or termination of membership, shall be established by the Executive Board.

### **Section 16 – Disciplinary Action**

The Executive Board shall have the duty to consider disciplinary action for any violation of the NANOS Ethics Statement or for any professional misconduct on the part of any Member of NANOS for which similar disciplinary action has been taken by a State, County, or official governmental Board of Medical Examiners, Board of Professional Medical Responsibility, or like body. Such disciplinary action may be in the form of censure, suspension or expulsion from NANOS; and if the Member be an Officer of NANOS, that Member shall be removed from office regardless of whether the Member is otherwise censured, suspended or expelled. For purposes of this section, the word “censure” means that the individual shall be advised in writing that his or her professional conduct is not consistent with the objectives of NANOS and that such conduct should be changed; the word “suspended” means that the individual shall be advised in writing that his or her privileges as a Member of NANOS have been temporarily suspended or terminated until the professional misconduct has been corrected to the satisfaction of the State Board of Medical Examiners, Provincial, or other professional bodies supervising professional conduct; “expulsion” means that the Member shall be advised that the Member’s membership in the Society is terminated. A Member suspended or terminated, as a result of disciplinary action, may apply to have Membership reinstated after a period of one year.

## **ARTICLE III - MEETINGS AND VOTE OF FELLOWS AND MEMBERS**

### **Section 1 – Annual Meetings**

Annual Meetings of the Society shall be held each year at the place or places and on the date or dates designated by the Executive Board. The primary purpose of the Annual Meetings shall be to provide educational courses and forums for the presentation of scientific papers. There shall be not less than one (1) business session at each annual meeting of NANOS for the purpose of election of Executive Board Members and such other business as is appropriate.

### **Section 2 – Special Meetings**

Special scientific and business meetings of NANOS may be called by the Executive Board for the times and places it may designate.

### **Section 3 – Notice**

Notice of each Annual Meeting of the Society shall be given to all Society members, as provided in Article VI, Section 2, not less than 90 days prior to the date on which the meeting is to begin. Notice of special scientific and business meetings of the Society shall be given as provided in Article VI, Section 2, at least 30 days prior to the date on which the meeting is to begin.

### **Section 4 – Order of Business**

The order of business at the annual business meeting shall be:

- 1) Reading of minutes of preceding meeting
- 2) Reports of Officers and Executive Board
- 3) Reports of Committees
- 4) Unfinished Business
- 5) New Business
- 6) Report of Nominating Committee and Elections

### **Section 5 – Quorum**

At any annual or special business meeting of the Society, a quorum shall consist of not less than, 10% of the voting membership, except as required by further provisions in these Bylaws.

### **Section 6 – Vote**

If a quorum is present, a majority vote of the eligible voters present shall be required to constitute an action by the eligible voters on any matter, unless otherwise provided by applicable law, the Articles of Incorporation, or these Bylaws. A member may vote either in person or by proxy executed in writing and signed by the member. Every proxy shall be dated, but need not be sealed, witnessed or acknowledged. No proxy shall be valid after 11 months from its date, unless otherwise provided in the proxy. At all meetings of members, the proxies shall be filed with and verified by the Secretary of the Society.

The Voting Members may vote electronically on special matters as approved by the Executive Board. For purposes of electronic voting, the entire Voting Membership shall be deemed present during the voting process. Notice of special matters subject to an electronic vote shall contain a detailed explanation of the matters to be voted on by the Voting Membership and shall be provided electronically to all Voting Members as provided in Article VI, Section 2, at least thirty days prior to the date on which the vote is to be held. An adequate time period will be offered to submit an electronic vote, and the dates for submitting an electronic vote will be clearly stated. Appropriate security measures will be employed to ensure a fair and accurate balloting process.

### **Section 7 – Standing Rules**

The Standing Rules of the Society are contained in the document attached to these Bylaws in effect on the effective date of the adoption of the Bylaws. The Standing Rules of NANOS may be amended or revised from time to time as provided therein, but may not be inconsistent with the Articles of Incorporation or Bylaws of NANOS.



### **Section 8 – Parliamentary Authority and Rules of Order**

The deliberations of NANOS, its Executive Board, and all committees shall be governed by the rules contained in the then current edition of Robert’s Rules of Order Revised (Robert’s Rules) except in instances where Robert’s Rules are contrary to or otherwise inconsistent with the Articles of Incorporation, Bylaws, Standing Rules, or the customary practices and procedures of NANOS. In such event the Articles of Incorporation, Bylaws, Standing Rules, or the customary practices and procedures of NANOS shall govern.

## **ARTICLE IV - OFFICERS**

### **Section 1 – Elected Officers of the Society shall be:**

President  
President-Elect  
Vice President  
Treasurer  
Secretary

Other Members of the Executive Board [of which there shall be five (5) including the immediate past president]

### **Section 2 – Election**

Election of Officers shall be held at the Annual Business Meeting of NANOS during even-numbered years, and the affirmative vote of a majority of the eligible voters present and voting shall be required for election to any office, except that if there are more than two (2) candidates for one office, a plurality vote of the eligible voters present and voting shall be sufficient for election to that office. Voting shall not be cumulative.

Board Members, shall serve for a term of three (3) years, or until a successor is elected, commencing on July 1 following the Annual Meeting at which they were elected.

Other Members of the Board, of which there shall be five (5), with the exception of the President and President-Elect, may be nominated for consecutive terms in the same office. The terms of Board Members and Officers shall be staggered so that the term of half of the Board Members and Officers will expire during any single election year.

One Fellow will be designated Parliamentarian by the Chair of the Executive Board. The Parliamentarian shall be responsible for ensuring adherence to the stated Parliamentary Authority and Rules of Order during all Executive Board and Annual Business Meetings.

### **Section 3 – Nominations**

Prior to each annual meeting at which elections are to be held, the Executive Board, acting on the recommendation of the Nominating Committee, shall nominate Fellows of NANOS for each vacancy that occurs on the Executive Board. NANOS Members shall be notified of the names of all nominees at least sixty days prior to the Annual Meeting. In the event of death or withdrawal from candidacy of any of these nominees, the Executive Board shall designate a substitute nominee at any time before

the election and shall announce that designation before the election. In addition, nominations for positions on the Executive Board may be made from the floor of the meeting provided that at least thirty days before the date of the election a written petition, signed by twenty (20) or more eligible voters, has been filed with the Chair of the Executive Board together with a signed statement by the nominee setting forth willingness to serve if elected.

### **Section 4 – President**

The President shall preside at all business sessions of the membership of NANOS; shall act as chief spokesman of NANOS to the public, the press, legislative bodies, the medical community at large and federal, state, and local governmental and private agencies and organizations; shall work with the Chair of the Executive Board to ensure that basic NANOS policies and programs are formulated and executed; shall not serve consecutive terms as president; is responsible for making appointments to replace members rotating off standing committees; and may create ad hoc committees and appoint NANOS representatives to civic, professional, and governmental organizations as may be required to execute the business and affairs of NANOS.

### **Section 5 – President-Elect**

The President-Elect shall automatically become the President of NANOS upon expiration of the President’s term; shall, in the absence or disability of the President, have and perform the duties and responsibilities of the President; shall in the event of a vacancy in the office of President, however occurring, fill the vacancy in the office of President for the unexpired portion of the President’s term and also serve a full term as President; shall assist the President in the performance of his or her duties whenever requested to do so; and shall have all other duties and responsibilities that the President or the Executive Board may determine.

### **Section 6 – Vice President**

The Vice President shall, in the event of a vacancy in the office of both the President and the President-Elect, however occurring, have and perform the duties of the President; shall have all other duties and responsibilities that the President or Executive Board may determine.

### **Section 7 – Treasurer**

The Treasurer shall serve as Chair of the Finance Committee; ensure that NANOS maintains accurate financial records; review NANOS expenditures and financial status on a regular basis to ensure overall financial integrity; submit the financial accounts of NANOS to an annual independent audit; submit annual state and federal tax returns to the Internal Revenue Service; develop and present financial recommendations to the Executive Board; and perform other duties assigned by the President or Executive Board.



### **Section 8 – Secretary**

The Secretary shall ascertain that records are maintained for all business meetings and Executive Board meetings of NANOS; ensure that copies of the minutes of each meeting are provided to the President and other Officers and Directors as appropriate; maintain current copies of the Association Rules and Bylaws for use by the President and the Executive Board; perform other duties assigned by President or Executive Board.

### **Section 9 – Members of the Executive Board (other than Officers)**

Members of the Board shall have all duties and responsibilities that the President or the Executive Board may determine.

### **Section 10 – Immediate Past President**

The Immediate Past President shall be a member of the Executive Board and shall have all duties and responsibilities that the President or the Executive Board may determine.

### **Section 11 – Vacancies**

In the event of incapacitation, withdrawal, demise, resignation or removal of any Officer or Member of the Executive Board, except the President-Elect, the President, with a majority approval of the Executive Board, shall appoint a successor who will hold the appointed office until a successor has been elected.

In the event of incapacitation, withdrawal, demise, resignation or removal of the President-Elect, the Nominating Committee shall be reconvened to name a nominee for that position to present for election by the voting membership of NANOS at the next annual business meeting.

### **Section 12 – Removal from Office**

Any Member of NANOS elected by the Voting Membership may be removed from office by the affirmative written ballot of two-thirds of the Board Members whenever, in their judgment, the removal will serve the best interests of NANOS. Ratification of removal from office of such Member must be approved by a majority vote of eligible voters in attendance at the next Annual Meeting.

## **ARTICLE V - EXECUTIVE BOARD**

### **Section 1 – Authority**

The Executive Board shall manage all the business and affairs of NANOS. The Chair of the Executive Board will be a current member of the Executive Board and will be elected every two years by a majority vote of the Members of the Board. The Executive Board shall have all powers and responsibilities conferred upon the Board of Directors of a nonprofit corporation by the State of New Mexico, as now or hereafter amended, except as those powers or responsibilities may be limited by the Articles of Incorporation or these Bylaws. The Executive Board shall have the final responsibility and authority for all actions and policies that are recommended or adopted by any and all standing and ad hoc committees, sections,

representatives to professional and governmental organizations, agents, and employees; and no action or policy shall be the action or policy of NANOS unless and until it is adopted, ratified, or approved by the Executive Board.

The Executive Board shall employ, when in its opinion the affairs of NANOS justify such action, an Executive Vice-President, who shall function in the usual capacity of such office when those functions are not contrary to the Articles of Incorporation and Bylaws of the Society. The Executive Board shall determine the duties and salary of such an Executive Vice-President and policies pertaining to that office.

### **Section 2 – Members of the Executive Board**

The members of the Executive Board shall number not more than Ten (10) elected members and shall consist of all the Officers and other Members of the Board elected by the voting membership. The Executive Vice-President and the Editor of the Journal of Neuro-Ophthalmology shall be non-voting “ex officio” members of the Executive Board. The founder of the Society, Dr. Thomas J. Carlow, shall sit as a non-voting ex-officio member of the Executive Board, until he notifies the Executive Board in writing of his resignation.

### **Section 3 – Meetings**

The Executive Board shall meet during the Annual Meeting. Special Meetings of the Executive Board may be called by the President or at the written request of four (4) Members of the Board addressed to the Secretary at no less than twenty (20) calendar days’ notice in advance of the proposed special meeting.

### **Section 4 – Notice**

Notice of each Meeting of the Executive Board shall be given, as provided in Article VI, Section 2, by the Executive Vice-President, or, if such position is vacant, by a designee of the Executive Board, not less than fifteen (15) calendar days prior to the date on which the meeting is scheduled to be held. The matters to be discussed and voted upon at any duly called meeting of the Executive Board shall not be limited to those set forth in the Notice of the Meeting.

In the event that an electronic vote shall be held for the Election of Executive Board members, the Voting Membership shall be notified of the names of all nominees at least sixty days prior to the date on which the vote is to be held, as provided in Article IV, Section 3.

### **Section 5 – Quorum**

Five (5) Voting Members of the Executive Board shall constitute a quorum for the purposes of transacting Executive Board business and affairs on behalf of NANOS.

### **Section 6 – Manner of Acting**

A majority vote of the Executive Board Members present and voting at a meeting at which a quorum is present shall be the act of the Executive Board, unless the vote of a larger number is required by applicable law, the Articles of Incorporation, or these Bylaws.

### **Section 7 – Written Action**

Any action that the Executive Board could take at a duly called meeting of the Board may be taken by a written action signed by two-thirds of the Board Members. The same written action need not be signed by all Board Members, and each may sign a separate counterpart of the written action, but all Board Members shall be notified in writing at least twenty (20) calendar days in advance of the matter to be voted on.

### **Section 8 – Telephone Conference**

Any action that the Executive Board could take at a duly called meeting of the Board may be taken during a telephone conference of the Board Members. A quorum must participate in the telephone conference in order to transact business. A notice of two (2) business days is required to all Executive Board members in order to schedule a telephone conference of the Board for the purpose of transacting NANOS business.

## **ARTICLE VI - MISCELLANEOUS**

### **Section 1 – Fiscal Year**

The fiscal year of NANOS shall be from July 1 to June 30.

### **Section 2 – Notice and Waiver of Notice**

Notice is deemed given by a Fellow or member of NANOS to NANOS or to an Officer of NANOS when it is in writing and mailed or delivered to NANOS or to the Officer at the principal executive office of NANOS. In all other cases, notice is deemed given to a Fellow or Member of NANOS when it is communicated to the Fellow or Member orally, in person or by telephone, or in writing by mail, fax, email, telegram or otherwise delivered to the person at the person's last known address. Notice by mail is deemed to be given when it is deposited with the official government postal authority with sufficient postage affixed. Whenever any notice is required to be given by law, the Articles of Incorporation, or these Bylaws, a waiver of the notice may be executed, whether before, during, or after the time stated therein, and the waiver shall constitute the equivalent of receiving the notice.

### **Section 3 – Indemnification**

To the full extent permitted by any applicable law, any person who is or was a director, officer, employee or agent of NANOS shall be indemnified by NANOS against any and all liability and reasonable expense incurred by reason of the person being or having been a director, officer, employee or agent of NANOS, or by reason of any action taken or not taken in the course and scope of the person's service as such director, officer, employee or agent of NANOS, in the event that such person was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, wherever brought, whether civil, criminal, administrative or investigative, other than an action by or in the right of the corporation. Such person shall be entitled to reimbursement by the Society of reasonable expense in advance of the final disposition of a proceeding in accordance with, and to the full extent permitted by, any applicable law.

The rights of indemnification provided in this section shall not limit, but shall be in addition to, any other right to which such director, officer, employee or agent may otherwise be entitled by contract, law or statute, or otherwise; and in the event of such person's death, such rights shall extend to such person's heirs, legal representatives, or successors. The foregoing rights shall be available whether or not the claim asserted against such person is based upon matters which antedate the adoption of this section.

NANOS, its Directors and Officers, shall be fully protected in making any determination under this section, or in making, or refusing to make any payment under this section, in reliance upon the advice of counsel.

NANOS may, to the full extent permitted by applicable law, purchase and maintain insurance on behalf of any person who is or was a Member of the Executive Board, an officer or employee of this corporation or a Member of a Committee of this corporation against any liability asserted against such person in such capacity.

If any provision of this section shall for any reason be determined to be invalid, the remaining provisions hereof shall not be affected thereby but shall remain in full force and effect.

## **ARTICLE VII - AMENDMENTS**

These Bylaws may be amended, altered or repealed at any meeting, annual or special, by the vote of at least two-thirds of the eligible voters, present and voting, provided that any proposed amendment 1) has been submitted in writing to the Executive Board and 2) notice thereof has been mailed to each Fellow and other Voting Member at least one month prior to the session at which it will be acted upon. Bylaw amendments may be proposed only by Members of NANOS who are eligible voters as defined by these Bylaws. These Bylaws shall be subject to a complete review every ten years.

## **ARTICLE VIII - PUBLICATIONS**

### **Section 1 – Publications Committee**

The Publications Committee shall maintain liaison between the Executive Board of NANOS, and the Publisher and Editor of the Journal of Neuro-Ophthalmology. The Publications Committee shall be composed of five (5) persons to be appointed annually by the Society. Members of the Publications Committee shall be appointed by the President for terms of three (3) years each in staggered fashion, and at least one (1) member of the Publications Committee shall be a Member of the Executive Board of NANOS.

### **Section 2 – Journal of Neuro-Ophthalmology**

1) The governance of affairs of the Journal of Neuro-Ophthalmology is the responsibility of the Executive Board of NANOS. The Executive Board of NANOS shall report on the affairs of the Journal of Neuro-Ophthalmology to the membership each year at the

time of the annual meeting. This report may be either by a member of the Executive Committee or by the Editor, or by the Chair of the Publications Committee, whichever is deemed appropriate to the Executive Board.

- 2) The Editor shall be appointed by the President upon recommendation of the Publications Committee for a term of four (4) years, renewable once. The Executive Board shall have the option, at its discretion extending the Editor's term for one additional one (1) year term to allow the Board time to locate and obtain a new Editor. An individual nominated for editorship of the Journal of Neuro-Ophthalmology must be a Member of the Society at the time he/she assumes the editorship.

The Editor shall serve at the pleasure of the Executive Board, and will be a non-voting, "ex officio" member of the Board. The Editor may be asked to step aside by the Executive Board with two (2) months notice. This period may be lengthened or shortened by mutual assent of the Executive Board and Editor.

The Editor is accountable directly to the Executive Board. The Editor will prepare an annual report to the Executive Board. The Editor will report annually to the Executive Board through the Publications Committee, or as frequently as events may dictate. There shall be a broad range of editorial autonomy; however, it should be understood that the Editor will share major business and financial decisions with the Executive Board. Major business and financial decisions include but are not limited to such matters as the choice of a publisher, the frequency of the publication, and similar business and financial matters. The Editor, with the advice of the Editorial Board, shall have complete and final authority over all editorial content, selection, modification, and quality matters. Working relationships with the publisher shall be completely within the authority of the Editor. Editorial operations shall not be subject to direct review by the Executive Board or by the membership of NANOS.

- 3) Members of the Editorial Board shall be approved by the Executive Board of NANOS upon recommendation of the Editor. The terms of Members of the Editorial Board will be determined by the Editor and shall not exceed five (5) years. The Editor shall have authority to recommend the appointment of Associate Editors and Editors for specific topics whose terms on the Editorial Board will be determined by the Editor, but shall automatically expire when the Editor vacates his position. When appropriate, the Editor will recommend Corresponding Editors from other countries who will be regular members of the Editorial Board and have similar responsibilities.
- 4) The Publications Committee will meet annually with the Editor, and the publisher, examine the product in order to review editorial and publishing practices and prepare an advisory report to the Executive Board of NANOS. The Executive Board of NANOS shall in turn

advise the Editor of the findings. A function of the Publications Committee will be to provide constructive criticism.

The Publications Committee shall also be responsible for advising the Executive Board of NANOS in regard to the selection of the Editor. In relation to this duty, the Publications Committee shall poll the entire membership of NANOS to solicit nominations for the position of Editor.

- 5) Relationship to NANOS: The Journal of Neuro-Ophthalmology will serve as the official journal of NANOS.
- 6) Budgetary commitments between the publisher and NANOS are the responsibility of the Executive Board of NANOS. Contractual relations with the publishers shall be made by the President as recommended by the Chair of the Publications Committee with the approval of the Executive Board. Financial considerations of the Journal of Neuro-Ophthalmology shall be part of the regular reporting function to the Executive Board of NANOS by the Chair of the Publications Committee. The Editor shall be reimbursed by NANOS and the publisher for all secretarial and clerical expenses of maintaining the Editor's office. In addition, the Editor shall be provided with an honorarium, to be determined by the Publications Committee and approved by the Executive Board of NANOS. The Executive Board of NANOS will be responsible for negotiating these fiscal matters with the publisher and the Editor.
- 7) Subscriptions to the Journal of Neuro-Ophthalmology will be provided to all dues-paying Members of NANOS.

## **ARTICLE IX - USE OF THE SOCIETY NAME, INITIALS AND LOGO**

Regulation of the use of the Name of the Society (North-American Neuro-Ophthalmology Society), its initials (NANOS) and its Logo shall be determined by the Executive Board. Use of these without written consent of the Board is strictly prohibited. Penalties for unapproved use of the Society name, initials and logo shall be determined by the Executive Board.

## **STANDING RULES OF THE NORTH AMERICAN NEURO-OPHTHALMOLOGY SOCIETY**

### **I. CREATION OF STANDING COMMITTEES OF NANOS**

Standing Committees of NANOS may be created by a majority vote of the Executive Board. These Standing Committees shall provide the ongoing functions vital to the Society on a long term basis. The scope of responsibility of each Standing Committee shall be established by the President on the advice of the Executive Board.

The Chair of a Standing Committee shall be appointed by each new President when taking office. Chairpersons of all Standing Committees, except for the Nominating Committee, shall be appointed by the President to serve a two-year term, and may be re-appointed for two additional terms to serve a maximum of six years. An incoming President, at his/her sole discretion, may elect to extend the maximum term of an outgoing Committee Chair to allow such outgoing Committee Chair to serve in the capacity of a member of such committee for one additional two-year term.

Members of the Nominating Committee shall include one Past President of NANOS, two Chairpersons of Standing Committees, three Executive Board Members, and three additional Members who will be Fellows of NANOS.

Members of Standing Committees shall be subject to re-approval as each new President takes office. Members of Standing Committees shall serve for a maximum of six years, or three two-year terms, and terms of membership shall be staggered so that no more than one-third of the Committee Members have terms ending in the same year.

## **II. STANDING COMMITTEES OF NANOS**

Archives – Compiles, researches and maintains the written archives of NANOS.

Bylaws – Develops and recommends changes in the NANOS bylaws to the Executive Board

Certification/Accreditation/Professional Standards – Addresses issues concerning professional standards for neuro-ophthalmology, especially the training requisite to be recognized by NANOS as a neuro-ophthalmologist and advises the Board and membership on matters pertaining to these issues. The Chair of this Committee represents NANOS on these issues to relevant external agencies, specialty boards and associations.

Continuing Medical Education -Develops and maintains a continuing medical education program for all NANOS meetings; develops recommendations and monitors all activities related to NANOS continuing medical education activities.

Convention Management – Develops and recommends policies for structure, format and operation of the Annual Meeting; recommends meeting sites to Executive Board; coordinates planning with NANOS staff.

Education – Develops and maintains an effective educational program for the NANOS Annual Meeting; develops recommendations and monitors activities related to other educational issues of importance to NANOS.

Ethics – Serves to facilitate awareness and discussion of ethical issues that may arise in the practice of Neuro-ophthalmology and to educate, consult, and advise on ethical issues.

Finance and Audit – Prepares yearly budget for review and approval of Executive Board; supervises investments and accounts; reviews existing fiscal policies and develops recommendations for improving the financial status of NANOS. Reviews annual independent audit and presents recommendations to the Executive Board.

Frank Walsh (FW) Meeting – Develops and recommends policies for structure, format and operation of the Annual FW Meeting; develops and maintains an effective educational program for the Annual FW Meeting; coordinates planning with the NANOS staff; prepares yearly meeting budget for review and approval of the Executive Board; supervises Annual FW Meeting accounts and fiscal policies.

International Relations -Develops and recommends policies and procedures for fostering cooperative relationships between NANOS and physicians and organizations outside the United States and Canada.

Membership – Assures that proper membership status is provided for all present and potential NANOS members; recommends methods for strengthening membership activities within NANOS.

Nomination – Nominates a slate of Executive Board members consistent with NANOS Bylaws for election as allowed by the voting membership of NANOS.

Publications – Advises the Board on the selection of an Editor of the Journal of Neuro-Ophthalmology, meets annually with the Editor and the publisher, and prepares an advisory report to the Executive Board; roles of the Publications Committee are described in Article VIII.

Research – Promotes and facilitates research endeavors in neuro-ophthalmology, and advises the Board in the selection of recipients of specific NANOS research awards.

## **III. CREATION OF AD HOC COMMITTEES OF NANOS**

Ad Hoc Committees may be appointed as the need arises by the President to carry out a specific task that is not the assigned function of an existing Standing Committee of NANOS. The Ad Hoc Committee's charge and date of expected report should be specified by the President, The Ad Hoc Committee and Members of all Ad Hoc Committees shall be appointed at the discretion of the President.

Ad Hoc Committees shall submit to the President reports as deemed appropriate by the President. The Chair of each Ad Hoc Committee shall be responsible for all reports.

## **IV. COMMITTEE LONGEVITY**

Standing Committees will continue to exist indefinitely at the discretion of the Executive Board. When, in the judgment of the Executive Board, a Standing Committee is no longer necessary, it may discharge the Standing Committee by majority vote of all Executive Board Members.

Ad Hoc Committees are discharged automatically 1) upon the acceptance of their final report by the Executive Board or 2) upon completion of the current President's term of office. Ad hoc committees may be discharged at any time by the President.

#### **V. REPRESENTATIVES TO CIVIC, PROFESSIONAL, AND GOVERNMENTAL ORGANIZATIONS FROM NANOS.**

Representatives shall be appointed by the President to the following organizations and to all others as deemed necessary:

American Academy of Neurology

American Society of Neuroimaging

American Academy of Ophthalmology

Canadian Neurological Society

Canadian Ophthalmological Society

International Neuro-Ophthalmological Society

International Perimetry Society

World Federation of Neurology

A position taken or expressed by a representative shall not be deemed the position of NANOS unless and until it is adopted, ratified, or approved by the Executive Board.

Representatives shall submit to the Executive Board an annual report and special reports as deemed appropriate by the representatives or as requested by the President.

#### **VI. ELIGIBILITY REQUIREMENTS FOR COMMITTEE MEMBERS AND REPRESENTATIVES.**

All Members of NANOS Committees and NANOS representatives to organizations shall be NANOS Fellows or Active Members.

Other classes of NANOS Membership may, upon receipt of approval from the NANOS Board, be appointed by the President to serve on NANOS Standing Committees and NANOS Ad Hoc Committees and NANOS representatives to organizations.

Nonmembers of NANOS may, with the specific approval of the President, serve as consultants on committees; however, they shall not vote on matters of administration or policy affecting NANOS.

#### **VII. ANNUAL AND SPECIAL REPORTS OF STANDING COMMITTEES, SPECIAL COMMITTEES, AND REPRESENTATIVES TO ORGANIZATIONS**

Standing Committees, Ad Hoc Committees, and representative to organizations shall submit to the Executive Board an annual report and such special reports, from time to time, as deemed appropriate by the Committee, representatives or the Executive Board.

The chair of each committee and representative to each organization shall be responsible for submitting all reports. All reports shall be in writing.

#### **VIII. AMENDMENTS AND REVISIONS**

These Standing Rules may be amended or revised by the Executive Board of NANOS.



# NANOS Membership Roster (as of February 5, 2010)

Member Types: A=Associate; F=Fellow; S=Senior; FS=Fellow Senior;  
IF=International Fellow; IM=International Member; M=Active; R=Resident/Candidate;  
Board Certification: O=Ophthalmology; N=Neurology; plus year certified

<p><b>Aziz S. Abdul-Rahim, MD</b> Ophthalmology Associates 1201 Summit Ave Ft. Worth, TX 76102-4413 Email: a_s_abdulrahim@hotmail.com Phone: (817) 332-2020 Fax: (817) 332-4797</p>	<p><b>F</b> (O 93)</p>	<p><b>Adeela Masood Alizai, MD</b> Temple University Hospital Department of Ophthalmology Parkinson's Building 6th Floor 3401 North Broad Street Philadelphia, PA 19140 Email: adeela12alizai11@gmail.com Phone: (215) 707-2728</p>	<p><b>M</b> (N 07)</p>
<p><b>Marie D. Acierno, MD</b> LSU Health Sciences Center LSU Eye Center, Department of Ophthalmology 725 High Plains Ave. Baton Rouge, LA 70810 Email: macier@lsuhsc.edu Phone: 225-381-2755 Fax: 225-381-2759</p>	<p><b>F</b> (O)</p>	<p><b>Zina E Almer, MD</b> Assaf Harofeh Medical Center Bialik 26/2 Kfar-Saba, IL 44448 Email: almerzina@gmail.com Phone: 97289779358</p>	<p><b>IM</b> (O 02)</p>
<p><b>Madhu Agarwal, MD</b> Doheny Eye Institute 1450 San Pablo St Ste 5803 Los Angeles, CA 90033 Email: madhuagarwalmd@yahoo.com Phone: (323) 259-7570</p>	<p><b>M</b></p>	<p><b>Yehoshua Almog, MD</b> Meir Hospital Department of Neuro-Ophthalmology Tchernichovsky 59 St Kfar-Saba, IL 44281 Email: almogy@clalit.org.il Phone: 011-97-297-472995 Fax: 011-97-235-344573</p>	<p><b>IM</b> (O 92)</p>
<p><b>Divya Aggarwal, MD</b> Doheny Eye Institute 1232 Avalon Drive East Orange, CT 06477 Email: drdivyaaggarwal@gmail.com Phone: (323) 442-6417 Fax: (323) 442-6407</p>	<p><b>R</b></p>	<p><b>Eyal Aloni, MD</b> Barzilai Haseora Street Bene-Aish, IL 79845 Email: eyal_aloni@yahoo.com Phone: 077 423 4234</p>	<p><b>IM</b> (O 83)</p>
<p><b>Hyosook Ahn, MD</b> Asan Medical Center, University of Ulsan 388-1 Pungnap-dong Songpa-gu Seoul, Republic Of Korea 138-736 Email: drahn2020@yahoo.co.kr Phone: (82) 2-3010-3676 Fax: (82) 2-470-6440</p>	<p><b>IM</b></p>	<p><b>Melvin G. Alper, MD</b> 7601 Glenbrook Rd Bethesda, MD 20814 Email: janemei1@earthlink.net Fax: (301) 986-5836</p>	<p><b>S</b> (O 58)</p>
<p><b>Phil A. Aitken, MD</b> 56 Deforest Heights Burlington, VT 05401 Email: paitken876@aol.com Phone: (802) 652-0717 Fax: (802) 652-0798</p>	<p><b>S</b> (O 80)</p>	<p><b>Michael E Altman, MD</b> Sinai Hospital of Baltimore Department of Ophthalmology 2411 W Belvedere Medical Office Bldg 6th Floor Baltimore, MD 21215 Email: maltman@lifebridgehealth.org Phone: (410) 601-9084 Fax: (410) 601-6284</p>	<p><b>M</b> (O 99)</p>

<p><b>Kimberly Anderson, MD</b>            Medical College Virginia-VCU            PO Box 980438            Richmond, VA 23298            Email: kimmykar@gmail.com            Phone: (804) 675-5541            Fax: (804) 828-3845</p>	<p><b>M</b> (O 01)</p>	<p><b>Maryam Aroichane, MD, FRCS(C)</b>            BC Children's Hospital            9080 Mona Ave.            Burnaby, BCCA V3N 5A7            Email: maryam.a@telus.net            Phone: (604) 433-1258            Fax: (604) 433-6154</p>	<p><b>M</b> (O)</p>
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<p><b>Susan Andracchi, MD</b>            2512 Delaney Ave.            Wilmington, NC 28403            Email: bbsa_@bellsouth.net            Phone: (910) 796-8600            Fax: (910) 796-8644</p>	<p><b>M</b></p>	<p><b>David B. Auerbach, DO</b>            Eye Physicians, P.A.            225 WSR 434 #111            Longwood, FL 32750            Email: davidbdoc@cfl.rr.com            Phone: (407) 767-6411            Fax: (407) 767-8160</p>	<p><b>M</b> (O 02)</p>
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