# The American Board of Plastic Surgery, Inc.®

### Annual Newsletter To Diplomates 🔳 January 2007



Thomas R. Stevenson, M.D.

### **Chair Report**

Thomas R. Stevenson, M.D., Chair

Since publication of our last newsletter, the American Board of Plastic Surgery has been actively testing and certifying plastic surgeons. I am proud of those candidates who attained certification and of the ABPS Directors and Board Office staff who worked hard to assure this process is reliable and fair.

Initial certification represents an academic and professional achievement. It assures the public that at a moment in time, their board certified plastic surgeon has met the board's standards. Nevertheless, the public expects plastic surgeons to continue learning and prove that we deserve their trust.

To be effective and safe, each plastic surgeon must possess a range of knowledge and operative skills. With advances in our specialty, this knowledge base and skill set changes. New information is added and what we once thought to be true is proven wrong. Our Maintenance of Certification (MOC-PS) program provides a method for our diplomates to identify areas needing improvement and offers a means for obtaining specific additional education.

This MOC-PS program, initiated this year, consists of four parts spanning a 10 year cycle. Most of the required activities are already undertaken by plastic surgeons in the course of their practice. First, the plastic surgeon will be asked to demonstrate satisfactory professional standing. This means submission of the online application, possession of an unrestricted medical license, hospital privileges, satisfactory peer review, membership in at least one sponsoring professional society, and, if applicable, use of accredited outpatient surgical facilities. Next, continuing medical education must be documented. Third, each plastic surgeon participating in MOC-PS must pass a secure computer-based examination every 10 years. This examination is tailored to the individual plastic surgeon's clinical practice. The plastic surgeon will be assigned an examination in one of four categories (Cosmetic, Hand, Craniofacial, or Comprehensive) based upon that surgeon's clinical profile. Finally, performance in practice will be measured by a patient satisfaction survey, completion of a practice assessment module, and submission of a six-month surgical case log. Each participating practitioner will be given feedback regarding his or her performance in relation to a large group of plastic surgeons doing similar procedures. The Board will provide links to educational programs and journal articles, helping the plastic surgeon to augment knowledge in particular areas of deficiency.

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### Inside this edition

2006-07 Advisory Council Members See Pg 2

From the Executive Director R. Barrett Noone, MD See Pg 3

News From the Secretary Treasurer Bernard S. Alpert, MD See Pg 5

2006-07 Officers and Directors See Pg 6

New Directors See Pg 7

Examination Statistics See Pg 8 & 9

New Board Diplomates See Pg 10

Recertified Diplomates See Pg 11

Diplomates in Hand Surgery See Pg 11

MOC-PS Program Notices See Pg 12

Revoked Certificates See Pg 12

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Continued on page 2

## 2006-2007 Advisory Council Members

The Advisory Council Members listed below were nominated from the American Association of Plastic Surgeons (AAPS), the American Society of Plastic Surgeons (ASPS), the American Society for Aesthetic Plastic Surgery (ASAPS), the American Association for Hand Surgery (AAHS), the American Society for Surgery of the Hand (ASSH) and the American Society of Maxillofacial Surgeons (ASMS). The Board acknowledges the significant contributions of each of the following Advisory Council Members:

#### **Comprehensive Plastic Surgery**

Michael L. Bentz, M.D. (AAPS) Walter L. Erhardt, Jr., M.D. (ABPS), Chair Donald H. Lalonde, M.D. (ABPS) Sheri Slezak, M.D. (AAPS) James H. Wells, M.D. (ASPS)

#### **Cosmetic Surgery**

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#### **Craniomaxillofacial Surgery**

Arun K. Gosain, M.D. (ASMS) Bahman Guyuron, M.D. (ABPS) Robert J. Havlik, M.D. (ASPS) A. Michael Sadove, M.D. (ABPS), Chair Seth R. Thaller, M.D. (ASMS)

#### **Hand Surgery**

Keith E. Brandt, M.D. (ASPS) Richard E. Brown, M.D. (AAHS) Kevin C. Chung, M.D. (ASSH) Vincent R. Hentz, M.D. (ABPS), Chair W. P. Andrew Lee, M.D. (ABPS)

#### Continued from page 1

Each component of MOC-PS requires a commitment of ABPS financial and temporal resources. This means office staff time for document publication, printing, mailing costs, and MOC-PS participant compliance tracking. The interactive website is an expensive but essential component of the program. Examinations must be composed, validated, and administered. We are determined that expenses incurred by diplomates participating in MOC-PS should be regularly reviewed and kept at a minimum.

The Board has activities that extend beyond testing, certification, and MOC-PS. Board committees address issues germane to our public charge of promoting the safe, ethical and efficacious practice of plastic surgery. Credentials Committee members review the application requirements for every surgeon seeking to match into a plastic surgery residency. This assures that our future residents conform to a high standard, including completion of three years of prerequisite training in the same institution. In addition, these same committee members evaluate the training requirements for physicians who apply for ABPS certification. After analysis, most applicants are accepted as candidates for certification. The Written Examination Committee members are reviewing the type and distribution (content profile) of appropriate questions for the qualifying (written) exam. This activity will influence the scope of Plastic Surgery. Similarly, the Oral Examination Committee members are selecting cases in defined categories for future oral examinations, helping assure that newly certified plastic surgeons are appropriately trained, capable and can demonstrate sound clinical judgment.

Our public member, California State Senator Liz Figueroa, will complete her ABPS term in May 2007. Liz was a welcome addition to the Board's deliberations and we shall miss her counsel. She brought knowledge of medical public policy, experience with ethical issues, and a layperson's perspective to our organization. The ABPS will re-evaluate this public member position and seek applications for Senator Figueroa's replacement.

Advisory Council members are important to the Board's mission. Members of the four Advisory Councils are nominated by our sponsoring organizations. Each Advisory Council is chaired by an active ABPS Director. These councils author and evaluate questions for our Written Examination, develop Practice Assessment (PA-PS) modules for MOC-PS, and provide information to the respective affiliates regarding Board activities. Again this year, the Advisory Council members have proven themselves valuable and deserve the Board's gratitude.

In summary, the American Board of Plastic Surgery is both stable and active. Certainly there are changes in voluntary leadership each spring, when we elect three new members to six-year terms simultaneous with term completion for three other members. However, the remaining Directors, our Board Office Staff, and our Executive Director, R. Barrett Noone, M.D., provide continuity and an institutional memory. With careful attention to our duties of testing, certification, and now maintenance of certification, we remain a responsible steward of the public's best interests.

### The following is an example of the $\mathfrak{ROC}$ - $\mathfrak{PS}$ timeline for candidates with initial ABPS certification in 2006:

2006	Certification – application and examinations completed
2007	MOC-PS Annual Fee begins
2009	PA-PS module for tracer procedure including professional components uploaded via Board's website
2012	PA-PS module, including professional components, via Board website
2013, 2014 OR 2015	Six month case list compilation
2015	PA-PS module, including professional components, via Board website
2014, 2015 OR 2016	MOC-PS Computer based examination



R. Barrett Noone, M.D.

The updated information system will allow the individual to view his or her physician profile which contains biographical information; will allow private access by the plastic surgeon to his or her own information through secure passwords; will allow the plastic surgeon to access the profile to determine progress through the MOC-PS program; will provide a vehicle for online applications for all examinations; and allow payment for examination registration fees and application fees with credit cards. The online application for the 2008 Maintenance of Certification exam will be available in a few months, the first large scale use of the website. The first Practice Assessment in Plastic Surgery (PA-PS) Module will begin online in 2008, allowing diplomates to easily enter data from 10 consecutive cases, receive benchmark reports online, and link to online educational programs for MOC-PS, such as CME articles in the Journal of Plastic and Reconstructive Surgery and/or MOC-PS educational programs sponsored by the plastic surgery societies.

Submitting case list compilations for initial certification and Maintenance of Certification will continue and will also be entered via a link from the ABPS website. For MOC-PS, this process will occur once in a 10-year cycle, usually in years 7, 8 or 9.

Instructions for all online activities on the website will be explicit, and userfriendly. However, a help desk for technical issues will be provided by the Board's web vendor, Web Data Solutions, to assist candidates and diplomates in accessing and using the website as needed.

# From the Executive Director

R. Barrett Noone, M.D.

fter a year in the development phase, the Board is proud to announce the introduction of a new website, an interactive site designed to allow efficiency and expediency to the candidate and diplomate, especially in the Maintenance of Certification (MOC-PS) Program.

#### **Canadian Training and Certification**

The Board has long accepted training in Canada as appropriate preparation for the American Board of Plastic Surgery examinations. However, in 1993, changes in the Canadian training requirements diverged from the ABPS prerequisite training requirements in that only two years of general surgery was required for completion of the Canadian residency, along with three years of plastic surgery. This was not consistent with the ABPS requirements of three years in general surgery and years in plastic surgery. two Accordingly, since that time, many graduates of Canadian residencies did not qualify for certification by ABPS.

This issue has periodically been debated by the Board. In an effort to evaluate mutual recognition of training between the United States and Canada, the Board asked a group of consultants, all past Chairs of the Board, to provide an in-depth review of Canadian residency and certification. The consultants were John J. Coleman, III, M.D., John A. Persing, M.D. and David J. Smith, Jr., M.D. In addition to Executive Director, R. Barrett Noone, M.D., and the Executive Director of the Residency Review Committee for Plastic Surgery, Doris A. Stoll, PhD, the group met with the Canadian Plastic Surgery Program Directors and representatives of the Royal College of Physicians and Surgeons of Canada on July 13, 2006, in Quebec City. Preparatory to this summit meeting, an extensive amount of material was reviewed by the consultant group. The mission was to evaluate the structure and contents of the residency training programs in Canada and the examination and certification processes there to determine the possibility of mutual recognition. Following review, the consultant group concluded that Canadian plastic surgery residency programs are sufficiently similar to United States integrated residency programs that, with certain provisos, the graduates of Canadian plastic surgery residencies could apply for the written and oral examinations of the American Board of Plastic Surgery.

This report was reviewed by the Credentials and Requirements Committee and the full Board at its meeting in November. The Board voted to accept training in Canadian residency programs with the following qualifications:

- The candidate must be a graduate of a medical school in the United States or Canada approved by the Liaison Committee for Medical Education.
- 2. The resident must have entered plastic surgery residency through the Canadian Residency Match Program (CaRMS).
- The residency program must be accredited by the Royal College of Physicians and Surgeons in Canada.
- Before examination by ABPS, the plastic surgeon must hold a full and unrestricted state or provincial license in Canada or the United States.
- The plastic surgeon must have successfully attained certification in plastic surgery by the Royal College of Physicians and Surgeons in Canada (RCPSC).

The Board voted to accept the above recommendations, effective with those completing residency training in Canada in 2007. With regard to those certified by the RCPSC prior to 2007, the Board decided that such candidates, because they are in active practice, must complete the professionalism requirements similar to those of the Maintenance of Certification program of the ABPS before sitting for the examinations. In addition, review by the Credentials and Requirements Committee may be required before an individual could apply for certification by ABPS.

#### Maintenance of Certification (MOC-PS) Policies

In the past year, the Board expanded its policies on Maintenance of Certification to address three groups: 1) lifetime certificate holders;

 2) physicians with special circumstances; and
3) diplomates holding time-dated certificates of Recertification.

Continued on page 4

#### Continued from page 3

**Lifetime certificate holders** who desire participation in MOC-PS will be phased-in to the program with the following timeline:

Application Year:	Application and Professionalism documents
Year 3, 6 and 9	Web-based practice assessment
	module, professionalism
	documents, CME documentation
	and patient satisfaction surveys
Year 7, 8 or 9	6 month case list
Year 8, 9 or 10	Computer Based Test in module
	of practice activity

#### Physicians with Special Circumstances,

for example those who are not clinically active, will submit the application and appropriate professionalism documents in the application year. For the clinically inactive diplomates, a patient safety module will be substituted for practice assessment, a case list will not be required, and the examination will be completed in the comprehensive module.

**Recipients of time-dated Recer***tification certificates* in 2003, 2004, 2005 or 2006, will receive a grace period during the phase-in of the timeline.

**Continued Ethics Committee Activity** 

The Board continues to view loss of license to practice medicine as a prohibition to maintaining certification by the American Board of Plastic Surgery. With improvement in electronic communication, the American Board of Medical Specialties (ABMS) developed the Disciplinary Alert Notification System (DANS) with data from the Federation of State Medical Boards (FSMB). Data regarding license restrictions are now readily available for access by the certifying Boards. Although all actions by the State Licensing Boards are reviewed in detail by the Ethics Committee, revocation of certification has been reserved, to date, for those who have had revocation of licensure. In the past year, a total of six certificates were revoked, bringing to 55 the number of certificates revoked by the Board in its history. Other ethical issues, such as questions regarding false and deceptive testimony as an expert witness, have been referred to the Ethics Committee of the American Society of Plastic Surgeons or have been evaluated directly by the Board for non-members of ASPS. In some instances, the Board has requested investigation of diplomates by the appropriate state licensing board. Actions recommended by the Ethics Committee and the Board have required careful review and approval by legal counsel. Although such a process is costly, the Board remains convinced that the values received by both the public and the specialty more than justify the expense.

#### **Prerequisite Training Redefined**

Since 1937, the Board has required three years of general surgery before entering into an independent program in plastic surgery. As reported in the 2006 newsletter, the Board evaluated such prerequisite training and recognized that full training in general surgery was preferable to three years. However, the Board voted to allow less than complete training only if the training is done in institutions that have plastic surgery residencies and if the general surgery training is completed in the same institution. The effective date for this rule will be for those residents entering plastic surgery training programs in July 2009. At the most recent meeting of the Board, further refinement of this definition was achieved. The Board recognized that many institutions may have more than one program in general surgery, but only a single plastic surgery program transcending multiple hospital general surgery programs. In those instances, the Board will allow training in one of the general surgery programs within a single institution for three years, if the plastic surgery residents rotate through the hospitals with the specific general surgery program.

The remaining pathways of prerequisite training remain unchanged and include training in neurological surgery, orthopedic surgery, otolaryngology, urology and oral and maxillofacial surgery.

#### Written Examination Training

The process of developing accurate, effective and discriminative questions for the written examination is constantly undergoing improvement. Working with the experts at the National Board of Medical Examiners (NBME), our Written Examination Committee undertook an ambitious project within the past year to improve the entire process of question (item) development and review. Item writers are selected from those who have been nominated to become Directors of the Board by one of our 20 sponsoring organizations. When these individuals are identified, they are educated in the process of item writing through a program developed by the NBME. After questions are written, they are then entered into a vigorous item review process which includes the item writers, the Advisory Councils to the Board, and members of the Written Examination Committee. This group covers the broad spectrum of the specialty and represents experts in the field. The item review session, a faceto-face program in conjunction with medical editors from the NBME, involved a two-day session in Phoenix, on November 8 and 9, 2006, immediately preceding the Oral Examination. During the item review, examination questions were accepted, deleted or rewritten to allow for a more accurate and discriminative examination.

The Written Examination Committee is also sensitive to concerns at the computer testing centers and seriously reviews all comments submitted by the examinees. The Board is in constant communication with the NBME, which subcontracts the centers for us, and we strive to improve the service for our candidates.

### ORAL EXAMINATION - INTERNATIONAL VISITORS

The Oral Examination has stimulated international interest, and experts from abroad who are involved in the Oral Examination process in their respective countries have taken the opportunity to observe our examinations. In November 2006 in Phoenix, we were pleased to host Dr. Anil Madaree from South Africa and Dr. Othon Papadopoulos from Greece. During their visits, they also shared with us details of the certification processes in their countries.

### News from the Secretary-Treasurer Bernard S. Alpert, M.D.



Bernard S. Alpert, M.D.

*The American Board of Plastic Surgery, Inc., extends sincere appreciation to the following Directors for their dedicated service to the Board:* 

**Special Recognition** 

Ronald E. Iverson, M.D.	
Pleasanton, CA	
Secretary-Treasurer	
John A. Persing, M.D.	
New Haven, CT	
Chair of the Board	
Chair-Elect	
Vice-Chair	
Chair of the Written Examination	November 2001 - May 2003
Randolph Sherman, M.D.	
Los Angeles, CA	
Chair of the By-Laws and Publications Committee	November 2002 – May 2006

### **In Recognition**

The American Board of Plastic Surgery, Inc. gratefully acknowledges the contributions and commitment of those plastic surgeons who served as Question Writers for the Written Examination and Hand Examination and those who served as Examiners and Evaluators for the Oral Examination.

#### 2006 Written Examination Question Writers

Michael L. Bentz Gregory L. Borah Keith E. Brandt Grant W. Carlson Kevin C. Chung Mimis N. Cohen Peter G. Cordeiro Carl W. Cruse Jack Fisher Nelson H. Goldberg Arun K. Gosain Lawrence J. Gottlieb Elizabeth J. Hall-Findlay William L. Hickerson William Y. Hoffman Mark L. Jewell William M. Kuzon, Jr. Walter T. Lawrence W. P. Andrew Lee L. Scott Levin Alan Matarasso Michael F. McGuire Michael J. Miller Thomas A. Mustoe David T. Netscher William C. Pederson D. Kimit Rai Norman H. Rappaport Joseph M. Serletti Seth R. Thaller Charles H. M. Thorne Craig A. VanderKolk

Henry C. Vasconez Charles N. Verheyden David J. Wainwright Robert L. Walton, Jr. Richard J. Warren James H. Wells Michael J. Yaremchuk Vernon Leroy Young

#### 2006 Hand Examination Consultants

James Chang Kevin C. Chung William W. Dzwierzynski Vincent R. Hentz David C. Kim **2006 Oral Examination Examiners and Evaluators** Bernard S. Alpert

Phillip G. Arnold Scott P. Bartlett Deborah S. Bash Michael L. Bentz Samuel J. Beran Uldis Bite Steven J. Blackwell Gregory L. Borah Keith E. Brandt Richard E. Brown Robert G. Brown Steven R. Buchman John W. Canady Grant W. Carlson Eugene C. Carroccia Kevin C. Chung Mimis N. Cohen

John J. Coleman, III Lawrence B. Colen E. Dale Collins Matthew J. Concannon Peter G. Cordeiro Bruce L. Cunningham Christopher P. Demas Joseph J. Disa Raymond M. Dunn William W. Dzwierzynski Lester F. Elliott Walter L. Erhardt, Jr. **Elof Eriksson** Gregory R. D. Evans Neil A. Fine R. Jobe Fix Jack A. Friedland Jeffrey D. Friedman Warren L. Garner Roberta L. Gartside Kenna S. Given Nelson H. Goldberg Arun K. Gosain Bahman Guyuron Juliana E. Hansen Robert J. Havlik Frederick R. Heckler Vincent R. Hentz T. Roderick Hester, Jr. James G. Hoehn William Y. Hoffman F. Frank Isik Ronald E. Iverson Mark L. Jewell Craig H. Johnson

Perry J. Johnson Jeffrey M. Kenkel Debbie A. Kennedy Donald H. Lalonde David L. Larson W. Thomas Lawrence W. P. Andrew Lee L Scott Levin Victor L. Lewis, Jr. Kant Yuan-Kai Lin Joseph E. Losee Edward A. Luce Dennis J. Lynch Donald R. Mackay Martha S. Matthews James W. May, Jr. Roger C. Mixter John H. Moore, Jr. Robert X. Murphy, Jr. Thomas A. Mustoe Maurice Nahabedian David T. Netscher R. Barrett Noone Dennis P. Orgill Christian E. Paletta Francis A. Papay John A. Persing Linda G. Phillips C. Lin Puckett D. Kimit Rai Debra A. Reilly Neal R. Reisman Jeffrey I. Resnick William B. Riley, Jr. W. Bradford Rockwell Rod J. Rohrich Jeffrev L. Rosenberg Robert L. Rubera A. Michael Sadove Petra R. Schneider- Redden Warren V. Schubert Joseph M. Serletti Randolph Sherman Lester Silver Sheri Slezak Anthony A. Smith David J. Smith, Jr. Raiiv Sood Thomas R. Stevenson James M. Stuzin Mark R. Sultan William M. Swartz Anne Taylor Seth R. Thaller Charles H. M. Thorne Craig A. VanderKolk Henry C. Vasconez Luis O. Vasconez Nicholas B. Vedder Charles N. Verheyden Robert D. Wallace James H. Wells Mark D. Wells Andrew M. Wexler Granger B. Wong William A. Wooden R. Christie Wray, Jr. Jack C. Yu William A. Zamboni Richard J. Zienowicz

James E. Zins

### 2006-2007 OFFICERS



Thomas R. Stevenson M.D. Chair



Linda G. Phillips M.D. Chair-Elect



James M. Stuzin M.D. Vice-Chair



Bernard S. Alpert M.D. Secretary-Treasurer

### 2006 - 2007 DIRECTORS

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### **EXECUTIVE DIRECTOR**

R. Barrett Noone, M.D.

### **BOARD STAFF**

Administrator Theresa M. Cullison, RN, MSN

Staff Assistant Kya N. Geiger Examination and Projects Coordinator Gwen A. Hanuscin

Oral Examination Coordinator Melissa M. Rinnier

Administrative Assistant Jennifer M. Wise

### DIRECTORS OF THE BOARD 2006-2007 – Phoenix, Arizona



Sitting L to R – Bahman Guyuron, M.D., R. Barrett Noone, M.D., James M. Stuzin, M.D., Thomas R. Stevenson, M.D., Linda G. Phillips, M.D., Bernard S. Alpert, M.D., Donald H. Lalonde, M.D., W. P. Andrew Lee, M.D. First Row – Foad Nahai, M.D., Nicholas B. Vedder, M.D., L. Scott Levin, M.D., Rod J. Rohrich, M.D., Vincent R. Hentz, M.D., Jack A. Friedland, M.D., A. Michael Sadove, M.D., Senator Liz Figueroa Second Row – Walter L. Erhardt, Jr., M.D., Gregory R. D. Evans, M.D., Thomas A. Mustoe, M.D., William M. Swartz, M.D., Theodore N. Pappas, M.D., John W. Canady, M.D.

#### From the Executive Director Continued from page 4

#### SURGERY OF THE HAND EXAMINATION (SOTH)

The Surgery of the Hand Certification and Recertification Examinations are produced by a tripartite committee consisting of representatives of the American Boards of Surgery, Orthopedic Surgery and Plastic Surgery. In an effort to broaden participation and to include a more robust subset of examination questions, the Board will add additional consultants to the Examination Development Task Force for the Surgery of the Hand Examination (SOTH). These experts in hand surgery will join the Directors of the Board who are delegates to the Surgery of the Hand Conjoint Committee in question writing and item review. By increasing the pool of consultants in plastic surgery, it is hoped that a proper balance of examination questions will result.

### **CONGRATULATIONS** ELECTED TO SERVE ON THE BOARD FROM 2006 - 2012

The Board welcomes the following New Directors elected in May 2006 in Hilton Head, South Carolina!







### W. P. Andrew Lee, M.D. Pittsburgh, PA

Dr. Lee is Professor of Surgery and Chief, Division of Plastic Surgery at the University of Pittsburgh. A hand and upper extremity surgeon, he conducts basic research on inducing tolerance to composite tissue allograft transplantation. He was the Chairman of Plastic Surgery Research Council in 2002 and has served on the editorial boards of Transplantation and the Journal of Surgical Research. Before the University of Pittsburgh in 2002, Dr. Lee was the chief of Hand Service, Department of Surgery at Massachusetts General Hospital, Harvard Medical School. His many awards include the 1991 Kappa Delta Award from the American Academy of Orthopedic Surgeons, and the 2003 Sterling Bunnell Traveling Fellowship from the American Society for Surgery of the Hand. A graduate of Harvard College and Johns Hopkins University School of Medicine, Dr. Lee completed his general surgery residency at Johns Hopkins Hospital and plastic surgery residency at Massachusetts General Hospital.

### L. Scott Levin, M.D. Durham, NC

Dr. Levin is the Chief of Plastic, Reconstructive, Maxillofacial and Oral Surgery at Duke University. Dr. Levin, the only orthopedic surgeon to ever lead a plastic surgery department, received his medical degree from Temple University School of Medicine and completed residencies in general surgery, orthopedic surgery, and plastic surgery at Duke University Medical Center. Dr. Levin's clinical interests include surgery of the hand and upper extremity, congenital hand surgery and reconstructive microvascular surgery. Dr. Levin's practice also focuses on the treatment and reconstruction of victims of combat injuries. Dr. Levin has served as an American Orthopedic Association Traveling Fellow and has served as the Sterling Bunnell Traveling Fellow for the American Society of Surgery of the Hand. He has also held the prestigious American British Canadian Traveling fellowship, sponsored by the American Orthopedic Association. He is the President of the American Society for Reconstructive Microsurgery, and is involved in numerous additional orthopedic and plastic/reconstructive specialty societies. He has authored 150 articles, 50 chapters, and six textbooks.

### Thomas A. Mustoe, M.D. Chicago, IL

Dr. Mustoe is Professor and Chief of Plastic Surgery at Northwestern University. He came to Northwestern as Chief in 1991, after serving on the faculty at Washington University from 1985-1991 as Assistant and then Associate Professor. He graduated from Harvard College, and Harvard Medical School, and then completed residencies in Otolaryngology at the Massachusetts Eye and Ear Infirmary and Plastic Surgery at the Brigham and Women's Hospital. He has been awarded NIH funding for research on wound healing and scarring continuously since 1989, and has coauthored over 170 peer reviewed and invited papers, editorials and discussions. He has served on the Editorial Boards of multiple journals including PRS, Archives of Surgery, JACS, and Wound Repair and Regeneration. He is past President of the Wound Healing Society, and received their Lifetime Achievement Award in 2004.

### Internet Website

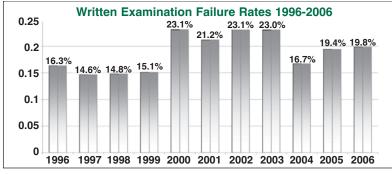
Visit the Board's website at www.abplsurg.org for the Board's examination and certification requirements and this Newsletter. New on-line services launch early in 2007.

### Alert to Senior Partners About Advertising

Candidates are not permitted to advertise any status with the board until certification is achieved. This includes use of the term board qualified, board eligible or board admissible. Senior partners and practice managers should check all advertising with new physicians in the practice. The Board defers candidates in the examination process for one year for misstatements, however inadvertent, of board status. Candidates are responsible for misleading advertising no matter how inadvertently placed.

# **EXAMINATION STATISTICS**

### WRITTEN EXAMINATION



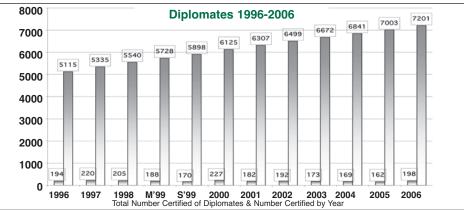
	WRITTEN EXAMINATION							
YEAR	TAKERS	PASS	FAIL	%FAIL				
1996	282	236	46	16.3%				
1997	260	222	38	14.6%				
1998	420	358	62	14.8%				
1999	265	225	40	15.1%				
2000	242	186	56	23.1%				
2001	241	190	51	21.2%				
2002	242	186	56	23.1%				
2003	230	177	53	23.0%				
2004	214	178	36	16.7%				
2005	237	191	46	19.4%				
2006	243	195	48	19.8%				

### **ORAL EXAMINATION**



ORAL EXAMINATION							
YEAR	TAKERS	PASS	FAIL	%FAIL			
1996	251	194	57	22.7%			
1997	268	220	48	17.9%			
1998	245	205	40	16.3%			
Mar-99	215	188	27	12.6%			
Sep-99	203	170	33	16.3%			
2000	279	227	52	18.6%			
2001	236	182	54	22.9%			
2002	222	192	30	13.5%			
2003	206	173	33	16.0%			
2004	209	169	40	19.1%			
2005	203	162	41	20.2%			
2006	241	198	43	17.8%			

### **DIPLOMATES CERTIFIED OVER 10 YEARS**

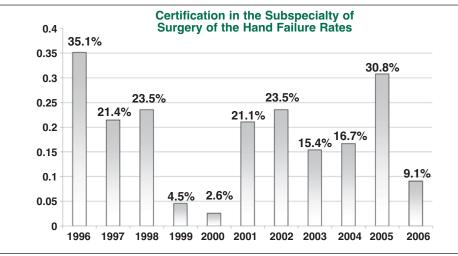


### **RECERTIFICATION AND MOC-PS PROGRAM EXAMINATION**

Year	Total Takers	Pass	Fail	%Fail	Total Takers LCH (Lifetime)	Total Takers TLC (Time- Limited)	# LCH Fail	#TLC Fail	% Time Limited Fail of All Takers	RECERT with SOTH Sub- Cert	Total # Recertified
2003	102	99	3	2.9%	20	82	1	2	2.0%	4	103
2004	122	118	4	3.3%	9	113	0	4	3.3%	11	129
2005	159	151	8	5.0%	3	156	0	8	5.0%	5	156
2006	153	142	11	7.2%	2	151	0	11	7.2%	15	157
ALL	536	510	26		34	502	1	25		35	545

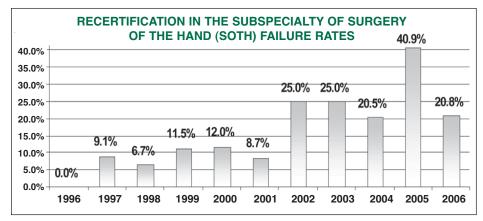
## **EXAMINATION STATISTICS**

### **CERTIFICATE IN THE SUBSPECIALTY OF SURGERY OF THE HAND - SOTH**



Certificate in the Subspecialty of Surgery of the Hand SOTH							
YEAR	TAKERS	PASS	FAIL	% FAIL			
1992	153	92	61	39.9%			
1993	79	49	30	37.9%			
1994	111	64	47	42.3%			
1995	52	37	15	28.8%			
1996	37	24	13	35.1%			
1997	28	22	6	21.4%			
1998	17	13	4	23.5%			
1999	22	21	1	4.5%			
2000	39	38	1	2.6%			
2001	19	15	4	21.1%			
2002	17	13	4	23.5%			
2003	13	11	2	15.4%			
2004	18	15	3	16.7%			
2005	13	9	4	30.8%			
2006	11	10	1	9.1%			

# CERTIFICATE OF RECERTIFICATION IN THE SUBSPECIALTY OF SURGERY OF THE HAND - SOTH



	SUBSPECIALTY OF SURGERY OF THE HAND (SOTH)								
YEAR	YEAR TAKERS PASS FAIL % FAIL								
1996	3	3	0	0.0%					
1997	11	10	1	9.1%					
1998	15	14	1	6.7%					
1999	26	23	3	11.5%					
2000	25	22	3	12.0%					
2001	23	21	2	8.7%					
2002	28	21	7	25.0%					
2003	28	21	7	25.0%					
2004	44	35	9	20.5%					
2005	22	13	9	40.9%					
2006	24	19	5	20.8%					

DECEDTICICATION IN THE

### **2007 EXAMINATION DATES & LOCATIONS**

#### MOC-PS-

Computer Based Test – at Prometric Test Centers throughout the United States and Canada – April 1, 2007 through April 30, 2007

### Hand Surgery Examination and Hand Surgery Recertification Examination -

Computer Based Test - at Prometric Test Centers throughout the United States and Canada – August 4, 2007 to September 1, 2007

### Written Examination -

Computer Based Test – at Prometric Test Centers throughout the United States and Canada - Monday, October 15, 2007

### **Oral Examination**

Thursday, Friday & Saturday, November 8, 9, 10, 2007 in Phoenix, Arizona

### **CONGRATULATIONS** TO OUR NEW BOARD DIPLOMATES

The American Board of Plastic Surgery certified 198 diplomates in November 2006. Since 1939 the Board has certified 7,201 plastic surgeons.

Andre Aboolian Nawaiz Ahmad Leonik Angelo Ahumada Marguerite Elizabeth Aitken Antoine Habib Aizarani-Hallak Joseph David Alkon David William Allison Ayman Abdulrahman Al-Sheikh Erica Dawn Anderson Matthew Bryan Baker Michael Baroody Chandrasekhar Bob Basu Michael Charles Bateman Nevsan Bavat Karim Amer Benitez-Marchand Kenneth Michael Bermudez Sean Michael Bidic Alan Marc Bienstock **Eileen Summerfield Black** James Howell Blackburn Michael Andrew Bogdan Sean George Boutros James Franklin Boynton Stephane Alain Braun James Anthony Breit Gary David Breslow **Christopher Jeremiah Martin Brooks** William Bruno John Lanier Burns Tripti Burt Arthur Michael Cambeiro Andrew Chen Yoon Sun Chun **Richard Brannon Claytor** Robert Cohen John Philip Connors Christopher Arthur Crisera John Wesley Culpepper Krishna Seema Dash Thomas Andrew Davenport Michael Edward Decherd Carolvn DeLaCruz Jorge Luis delaPedraja Stephen James Delatte Danielle Marie DeLuca-Pytell Richard Adam DeSplinter Brian Kenneth Dorner Andrea Mary Doyle Cameron Ira Earl Joseph Bryan Eby

Eric Isaac Egozi Christopher James Ewart Brent Cabell Faulkner James Lyman Fowler Susan Marie Gannon Jason Corey Ganz Scott Steven Gargasz Jose Ignacio Garri Brian Reuben Gastman Bryan Walter Gawley **Timothy Justin Germain** Jacob Gerzenshtein David Michael Godat Denis LeRov Gonvon Aaron Daniel Gorin Rafael David Gottenger Joachim Wilhelm Granzow Meegan Minori Gruber Cyril Franklyn Halbert **Robin Rene Hamlin** Matthew Mitsuru Hanasono Charles Kenneth Herman Mary Catherine Hertl John Bassam Hijjawi Thomas William Horn Beniamin Micah Hornik Michael Alan Howard Henry Chun-Hung Hsia Jonathan James Hutter Raymond Isakov Shao Jiang Trenton Cox Jones Ajaipal Singh Kang Vishal Kapoor Patrick Kevin Kelley Sami Ullah Khan Mark William Kiehn Esther Yoonah Kim James Kim Jane Hewon Kim Gary Kimmel Sofia Krkljus Kirk Melinda Lirag Lacerna-Kimbrell Tenley Kristin Lawton Danielle Marie LeBlanc **Richard Kaichieh Lee** Jason Eugene Leedv Konstantinos Peter Lekkas Shervl Lvnn Lewin Jason Brett Lichten

Allison Elaine Lied Paul Keun Lim Melvin Marlow Maclin Vincent Patrick Marin Barry Don Martin **Richard Thomas Martin** Allvson Brown Maske Terry Monroe McCurry Brice William McKane Emily Blackburn McLaughlin David Garth Meldrum Wendell Gordon Miles Paul Brian Mills Mehrdad Mark Mofid Kajulani Wilson Morimoto James Michael Morrissev Ananth Subbarao Murthy Alan David Muskett Terence Michael Myckatyn Farzad Rouhoulah Nahai Robert David Nesbit Navinderdeep Singh Nijher Laura Elizabeth O'Halloran Michael M. Omidi Joanna Lee Partridge Stephen Murray Paulsen **Gregory David Pearson** Christopher Vincent Pelletiere Charles Wayne Perry Tony Hoang Pham Susan Marv Pike Mohan V. Pillai Juliet Vahid Porch Patrick Jonathan Proffer Laura Catherine Randolph Todd Coleman Rau Alanna Marie Rebecca Jason Paul Rehm Dustin Leon Reid Samuel Tongu Rhee Richard Patrick Rizzuto Angela Maria Rodriguez Gedge David Rosson Norman Maurice Rowe Stephanie Katherine Rowen Vishnu Kumar Rumalla Pierre Boutros Saadeh Sandra Lee Sacks Saira Hari Saini Shahram Salemy

Michael Alexander Salzhauer Peter Lewis Sarkos Kamal T. Sawan Ayoub Sayeg **Richard Barrett Schaefer** Ann Robin Schwentker Derek Jason Shadid Bharat Shah Manish Harikant Shah Nina Nilofer Shaikh-Naidu David Patrick Singer George Philip Smith Henry Garth Smith Nicole Sommer Evan Scott Sorokin Nassif Elias Soueid **Pawel Piotr Stachowicz** Douglas Steven Steinbrech Daniel Anthony Sterling Frank Louis Stile Tracey Heather Stokes Stephanie Andrea Stover Kinga Eva Styperek Burton McChesney Sundin Stefan Mark Szczerba Matthew Robert Talarczyk Arvin Taneja Chad Douglas Tattini Donna Gilman Tepper Jeffrey Norman Thaxton Paul Stephen Thesiger Troy David Thompson Simone Topal Gary Alan Tuma Steven David Vath Beniamin William Verdine John Keene Wakelin Howard Tz-ho Wang Renata Vanja Weber Frederick George Weniger Robert M. Whitfield Jeremy Za Williams Garrett Andrew Wirth Matthew Whitten Wise Amnart Andrew Wongworawat Gloria Jackie Yee Linda Lee Zeineh Neil Jason Zemmel

### **CONGRATULATIONS** TO OUR DIPLOMATES WHO WERE RECERTIFIED

*In 2006, The American Board of Plastic Surgery, Inc. recertified 142 diplomates. To date, the Board has recertified 545 diplomates (including 35 via SOTH).* 

\*Fifteen diplomates recertified in 2006 using the Surgery of the Hand Examination or Surgery of the Hand Recertification Examination to complete the process.

David Lawrence Abramson **Roger Willis Alderson** Paul David Angelchik Jeffrey Alan Arons\* Amy Therese Bandy Joseph Carl Benacci Teresa Benacquista Steven Lowell Bernard Kyle David Bickel\* Michael Peter Binder James Jens Black Steven Clark Bonawitz Stafford Roy Broumand **Gregory Frank Brucato** Mark Antony Brzezienski Louis Philip Bucky Hoang Minh Bui Robert William Burk, III Steven Scott Carp Michael Henry Carstens **Richard Dennis Celentano\*** Benjamin Chang\* Lawrence Daw-wei Chang Paul Elliott Chasan George Peter Chatson Nadeem Ahmad Chaudhry Neil Taicheng Chen\* Eric In Choe Hyun Jae Chun James Allen Clark, III Carol Ann Clark-Coolidge Mark Allen Codner Matthew Jerome Concannon\* Paul David Costas Albert Dabbah Tancredi Fasanella D'Amore Jeffrey McMillan Darrow Lucius Joseph Doucet, III Stephen Michael Evangelisti Adel Aiad Faltaous Salvatore Anthony Farruggio Randall Scott Feingold James Christopher Ferlmann Victor Steven Ferrari Mark Filstein Stephan John Finical Cecilia Marie Franco-Webb Jonathan Robert Freed Randi Adolph Galli\* Judie Lynne Garrison Peter Giesswein Paul Dudley Giles

Mary Katherine Gingrass Boris Edward Goldman Stephen Todd Greenberg Philip Eugene Grubbs, Jr. Jeffrey Wayne Hall Brian James Hasegawa Randy Milton Hauck\* Donald Williams Hause Arthur Stampp Hawes Jeffrey William Herrold Neal Edward Hoganson D'Arcy Adaire Honeycutt Eric Heinz Hubli Debra Anne Irizarry William Martin Jacobsen James Murray Jeffries, III Craig Howard Johnson\* Debra Jolyn Johnson Ron Michael Johnson Daniel Scott Jorgenson Robert Mark Kachenmeister Chance Taylor Kaplan Leo Martin Keegan, Jr. James Edward Kelly, III\* Robert Monroe Kimmel Brian Kent Klink Daniel Robert Knight Thomas George Korkos David Michael Kupfer Hakan Mehmet Kutlu William Michael Kuzon, Jr. Peter Robert Ledoux Gilbert Wesley Lee Chen Lee Larry Cornelius Leverett Edward Albert Levy Sheila Gay Lindley\* Adam Bogdan Licznerski William Glenn Lyle Donald Roy Mackay Ramotsumi M. Makhene Andrew Jay Mandery Dev Anand ManiSundaram Kimberly Rae Marble Gwendolyn Sue Maxwell Joseph Minarchek\* Samuel John Mucci Ernest Young Normington, III John James O'Brien, Jr. Scott Noboru Oishi\* Morry A. Olenick Eric Franklin O'Neill

**Todd Francis Orchard** George Andrew Orloff Martin Leonard O'Toole William Harry Overstreet, III Nicholas Christopher Papas Michael Lane Patsis **Rick John Paulson Christopher Pellegrino Rodger Wade Pielet** Steven Michael Pisano Otto Joseph Placik James Mark Platis, Jr. Robert Bruce Pollack David Vernon Poole Mark Stephen Potenza Cynthia Magdalene Poulos Mary Ann Powers Usha Rajagopal Jody Arlyn Rodgers Matthew Lee Romans Alvin Ira Rosenthal Ian Michael Rubins Samson Premnath Samuel Julene Braunecker Samuels Steven Clifford Schmidt **Timothy Miles Schurman** Nadine Beth Semer James Michael Shaw Daniel Dennis Sherbert Steven Andrew Siciliano Jordan David Sinow **Kevin Ray Snodgrass** Michael Mark Stefan James David Stern Braden Charles Stridde Louis Leighton Strock Michael James Sundine Steven Alan Teitelbaum Scott Thomas Thellman Gunnar Thors Thomas Dominic Toohey Dana Raymond Towle\* Darl Kirk Vandevender Lambros Konstantinos Viennas Tuan Anh Vu Aron David Wahrman Greg Peter Watchmaker\* Deborah Jeanne White Timothy Mark Whitney Alan Flint Wise Curtis Sing Fook Wong Dianne Eh-duan Wu

### **CONGRATULATIONS** To Our Diplomates who were Certified or Recertified in the Subspecialty of Surgery of the Hand (SOTH)

In 2006, The American Board of Plastic Surgery, Inc., certified 10 diplomates in Hand Surgery and recertified 19 diplomates in SOTH. To date, the Board has certified 587 diplomates and has recertified 202 diplomates in Hand Surgery.

### Diplomates Certified in Hand Surgery in 2006

Kodi K. Azari James Warren Fletcher, IV Steven Carl Haase Brian Ian Labow Andrew John Livingston Robert Frank Lohman Michael Wallace Neumeister Jeffrey John Pokorny Gary Francis Rogers Sanjay Kumar Sharma

#### Diplomates Recertified in Hand Surgery in 2006

Jeffrey Alan Arons Robert R. Bibi Kyle David Bickel Matthew Jerome Concannon Adel Aiad Faltaous Geoffrey Gaddis Hallock Roval Albert Hobbs Craig Howard Johnson James Edward Kelly, III Joseph Nnaemeka Minarchek Vincent Francis Muoneke James Noboru Nappi Scott Oishi Craig Mark Person William Bradford Rockwell Rajiv Sood Robert Timothy Thurman Greg Peter Watchmaker Lester James Yen

### MAINTENANCE OF CERTIFICATION (∰௴℃-淨為) PROGRAM

The goal of maintaining certification is to verify that the level of achievement demonstrated on the initial certification examination is being maintained.

Diplomate certificates issued in 1998 will face expiration of the certificate in 2008 unless the MOC-PS Program is completed. If you have not completed the Recertification process in 2006 and have not submitted an application for the 2007 MOC-PS program, you **MUST** complete the program in 2008. Please put the deadlines listed below on your calendar. **Diplomates certified by the Board in 1998, 1999 AND 2000 will be sent 2008 MOC-PS Application Material in March 2007.** Lifetime certificate holders interested in the 2008 program can e-mail a request for a booklet of information for the on-line process. Please include full name and address to info@abplsurg.org.

### Important 2008 ∰®ℂ-渤島 Program Deadline Dates

### January 1, 2007 - June 30, 2007

Case collection period via TOPS

#### April 30, 2007

Deadline for requests for Application Material received in Board Office

#### June 30, 2007

Case collection period ends

#### August 31, 2007 - On-line Applications finalized

- Application Form and Finalized case list through internet
- Registration Fee of \$500.00
- All other required documents

### November 30, 2007 - sent via online

- Application Approval Letters
- Examination Announcement Letters
- Module Assignment
- Reply Forms Available

#### January 15, 2008 - Due ONLINE

Reply Forms, Examination Fee of \$1,000.00 and all other required documents

#### March 15, 2008 - Mailed from Board Office

Scheduling Permits (orange)

April 1 – April 30, 2008 MOC-PS Program Computer Based Test

July 2008 – Mailed from Board Office Result Letters

**September 2008 – Mailed from Board Office** MOC-PS Certificates

### **REVOKED CERTIFICATES**

*In 2006, The American Board of Plastic Surgery, Inc., revoked the following six certificates:* 

Fredric Joel Cohen, M.D.NYDennis Greg Jacobson, M.D.CAWilliam Jack Pollock, M.D.CAMark David Schreiber, M.D.FLRobert William Sorokolit, M.D.TXMark Elgin Young, M.D.KS

To date, a total of 55 certificates have been revoked.

### **CHANGE OF ADDRESS TO THE ABPS**

Help the Board keep our records up to date. E-mail your change of address to the Board Office or use the website change of address form in the diplomate section.

### **CHANGE OF ADDRESS TO THE ABMS**

Update your listing in the ABMS Directory by faxing or mailing a notice on your stationery directly to:

The American Board of Medical Specialties 1007 Church Street, Suite 404 Evanston, Illinois 60201 Attention: Database Department Fax Number: 847-328-3596

### **NOTIFICATION TO DIPLOMATES**

Our yearly NEWSLETTER is intended to keep the Board's diplomates informed about the internal functioning of the Board as well as the Board's response to external factors which impact candidates and the specialty. It cannot include all of the business conducted by the Board throughout the year. Rather, the intention is to inform every diplomate of the Board's actions and to provide each with an opportunity to contact the Board Office with any questions this letter may raise or other questions, concerns or suggestions regarding Board action. Please direct all correspondence to the Board Office address.

The Booklet of Information is published annually and contains the established requirements, policies and procedures of the Board relating to residency training and the certification process. A copy of the current Booklet of Information July 1, 2006 - June 30, 2007 can be obtained by contacting the Board Office by e-mail or the content of the Booklet can be readily accessed on the Board's website.

### 2007 DIPLOMATE DUES AND 玳மீட 沖夢 ANNUAL FEE

Enclosed is a 2007 Diplomate Dues Remittance Form for Lifetime Certificate Holders or the 2007 MOC-PS Annual Fee Remittance Form for Time Dated Certificate Holders.

The MOC-PS Fee is mandatory for diplomates with time-limited certificates in order to participate in the MOC-PS Program. The Diplomate Dues of \$200.00 are requested of lifetime certificate holders who elect not to participate in MOC-PS. The Board greatly appreciates the response from the 75% of our diplomates who have participated in the dues request since 1999.

Please complete and enclose a check for \$200.00 made payable to **The American Board of Plastic Surgery, Inc.** and return to the Board Office by April 16, 2007. For 2008, this is planned as an online, credit-card payment process.

The ongoing support of the Diplomate Dues request has been gratifying. The income from the dues has greatly assisted the Board in its operations and its mission, and has been especially helpful in defense of the standards represented by the ABPS certificate and development of web-based process.

### **2007 ORAL EXAMINATION CANDIDATES**

The following physicians are candidates potentially admissible to the 2007 Oral Examination. The Board will review comments regarding the suitability of any candidate for certification. Please direct written comments on official letterhead, signed and received in the Board Office by April 1, 2007.

Ata J. Abdollahzadeh Ali Adibfar Anthony Allan Admire Nadia Shahbano Afridi Siamak Agha-Mohammadi David Andrew Altamira Robert Gil Altman Adam Peter Angeles Lauren Patrice Archer Alan Dale Arps Tanya Aya Atagi Michael Alan Bain Dana Scott Balderrama Mark Steven Barlow Jaime Adolfo Bastidas **Donald Peter Baumann** Mary Susann Bedford Amir Babak Behnam Ksenija Belslev Della Colleen Bennett Joseph Christopher Berardi Walter Lang Bernacki Margarita Jose Bernett Amardip Singh Bhuller Ioannis E. Bitzos Mark Francis Blake Martin Luther Blue Matthew Joseph Bonanno Gregory William Bormes Gregory Howard Borschel Brian Michael Braithwaite David Alan Bray, Jr Kevin Alan Brenner Kevin Wayne Broder Darrell Brooks Marie-Claire Buckley Reuben Allen Bueno, Jr. John Joseph Bulger Teri Burnett Jason Richard Cacioppo Troy Ezra Callahan Alfonso Camberos Christi Marie Cavaliere David Sangook Chang Eric Chang Te Ning Chang Walter Ting-Yu Chang Wilson C. Chau Shim Ching Mohammad Umar Hasan Choudry Michael Raymond Christy Christa Lynn Clark Stephen Hubbard Colbert Gerald Foster Conner Paige Bryant Cornette Bryan Keith Criswell Melissa Ann Crosby Tracey Anne Culbertson Alfred Thomas Culliford, IV David Daizadeh Daniels **Dimitrios Danikas** Christophe James Davidson Javier Jason Davila Peter Karas Davis Shay Byron Dean Dean DeRoberts Johnny Francisco Diaz Vincent David DiNick Robert Charles Dinsmore Borko Branko Djordjevic Hoang Kim Do Trent Dennison Douglas **Christopher Michael Dress** Jerome Edelstein Paul Dominic Edwards Elizabeth Roya Emami VenKata S. P. Rao Erella Benjamin David Eskra Jaleh Zahra Eslami Farbod Esmailian Karen Frances Kim Evans Larry K. Fan Carlos Luis Farias, Jr. John Arceo Fegurgur Jules Alexander Feledy, Jr. **Thomas Hugh Fendon** Jaime Ivan Flores Charles E. Foley Joseph Andrew Franklin Mark Edward Freeman Vikisha Tyese Fripp **Gregory Cyrus Gaines** Robert Dionisio Galiano Kelly Matthew Gallego Katerina Maria Gallus Stephen Cole Gauthier Andrew Kelly Gavagan Tewodros Messele Gedebou Jeffrey James Gibson Michael Lawrence Gimbel

Brian Steven Glatt David George Glick Nevin Elizabeth Gokalp Ron Yaron Goldstein Roberto Gonzalez-Cruz Roshini Gopinathan Ashley Elizabeth Gordon Amanda Anderson Gosman Neil Bruce Gottlieb Elena Petrova Grantcharova Jon Martel Grazer David Todd Greenspun Vladimir Grigoryants Lifei Guo Subhas Chandra Gupta Sarah Elizabeth Hagarty Eric Glenn Halvorson Hongshik Han Ernesto Hayn **Dominic Frank Heffel Charles Leroy Hendrix** Ginard Irwyn Henry Glenn Eric Herrmann **Terrence Bartholomew Higgins** Daron Cecil Hitt Maria-Barbera Odilia M. Honnebier Jeffrey Douglas Horowitz Teanoosh Hosseinzadeh John Michael Houle Hampton Alexander Howell Georgeanna Jane Huang Kathy Huang John Stewart Humphrey Craig Arthur Hurst Nicholas Ramsey Husni Joshua B. Hyman Hector Luis Irizarry Casey Nathan Isom Lawrence Hal Iteld Jason Michael Jack Teresa Leola Jackson Moneer Jaibaji Colleen Jane Jambor Sameer Subhash Jejurikar Lisa Lynn Jewell Ricardo Juan Jimenez-Lee Timothy Shane Johnson Justin Michael Jones David Kamyong Kahng **Daniel Laurence Kapp** 

Raffy Leon Karamanoukian Heather Lyn Karu Maan Mohammad Kattash Matthew Roy Kaufman Sanjiv Kayastha Faeza Rashid Kazmier Jennifer Newman Keagle Angela Margaret Keen Marwan Khalifeh Abdullah Jaafar Khalil Mohammad Khosravi Dana Khalid Khuthaila Bill Jin Kim Geoffrey Sangkwun Kim Kenneth Kwanyoung Kim Mary Tschoi Kim Steve Seog Kim Ravi Veeramasuneni Kiran Steven Aaron O'Connor Klomp Mark Anthony Knight Andrea Marie Koegel Ewa Dagmara Komorowska-Timek Jason Tung-Cheng Koo Bernard Joseph Kopchinski Jay Mitchell Korngold **Dimitrios Koumanis** George James Kouris **Robert Charles Kratschmer** Lloyd Matthew Krieger Shashidhar Kusuma Jeffrey Raymond LaGrasso Shankar Lakshman Curtis Duane Larson Bruce Victor Lattyak Hop Nguyen Le Julia Yeng-Yeng Lee Mimi Leong Scott David Lifchez Michelle Deanne Lockwood Andrew Michael Lofman Kimberly Kwei-Mei Lu Melody Lynd **Richard Jonathan Mackool** Keelee Joy MacPhee Shirley Marie Madhere Joel Patrick Maier Ramsey Kevin Majzoub Pramit Sophat Malhotra Brandon-Dzung Tien-Duc Mang **Dimitrios Panagiotis Mastorakos** 

David Woodbridge Mathes Beth Lynley McCampbell Mark David McDonough Sarah Elizabeth McMillan Ricardo Alberto Meade Silvia Cristina Meneghetti John Clinton Merrick Sarah Ann Mess Jason Jay Miller Myat Myat Mon Wong Kyun Moon David Erik Morris Daniel Most Gary Daniel Motykie Arian S. Mowlavi **Bradley Pierce Mudge** Anil Kumar Mungara Bruce Jeffrey Murphy **Kevin Douglas Myers** Michael William Nagy Brad Robert Nanigian Sarah Elizabeth Nargi Trista Margit Negele Adam Garrett Newman Martin I. Newman Anthony Hung Nguyen Luan Nghi Nguyen Trung David Duc Nguyen Negin Noorchashm Albert Kim Oh Anire O. Okpaku Robert Irwin Oliver, Jr. Thaddeus Patrick O'Neill Chukwuemeka Ajuka Onyewu Michael James Orseck Kenneth John Ortiz Rafael Alberto Ortiz-Colberg Srdjan Andrei Ostric Anke Ott-Young

Ellen Beth Ozolins Travis Bella Aurora Pacheco Deborah Pan Stephen Attila Pap **Gregory Charles Park** Brian Juel Parker Wendy Lynne Parker Ziv Mani Peled **Ronald Steven Perlman David Wesley Person** Silvio Podda Satish Ponnuru Jason Kyle Potter Louis David Potyondy Rhoda Lynne Powell Pablo Andres Prichard Suzanne Marie Quardt Guillermo Quetell Shahrad Rady Rahban Peter Damian Ray Heidi Regenass Marjorie Angela Reid Russell Roger Reid Elan Reisin William Riel Rhodes Thomas Jon Rishavy **Robert Lynn Rodrigues** Christine Hsu Rohde John Anthony Romano Kevin Gordon Rose Laurence Zalmon Rosenberg Samuel Jonathan Roy Shai Michael Rozen Vasif Nurul Sabeeh Justin Michael Sacks Hakim Kassim Said Ali Salim Gabriel Ellis Salloum Alberto Sergio Santibanez-Gallerani Nirav Babulal Savalia Bradley Kirk Schaffer Marc Steven Scheiner Rodney Evan Schmelzer Alexandra Kurland Schmidek Diane Rose Schmidt-Krings Wesley Gordon Schooler Matthew Ross Schulman Jeffrey Luy Sebastian Hisham Mohamed Seify Abdel kader Nathan Alexander Sewell Sheel Sharma Emran Salahuddin Sheikh Jonathan David Shifren Alina Dael Sholar Elizabeth Marie Sieczka Steven Reyes Sigalove **Richard Simman Oliver Pope Simmons** Sean Adam Simon Elan Benjamin Singer James Alan Slaby Jaromir Slama Adrian Russell Smith Steven Scott Smith Mary Colleen Snyder Ned Snyder, IV Alfred Sofer Jason Adam Spector Michael Roy Spindel Michelle Andrea Spring Amy Lynn Sprole Craig Allen Staebel Matthew Howard Steele Earl Stephenson, Jr. Joel Melford Stewart, Jr. Stephen Pratt Sutherland Paul John Syribeys Chau Yu Tai

Kevin Tehrani Sumeet Sorel Teotia Umeng David Thao Spero John Vladimir Theodorou John Michael Thomassen James Thomas Thompson, II **Brian Patrick Thornton** Christopher Keoni Tiner Hanif Ukani Jeffrey Andrew Umansky **Glenn Vallecillos** John Ananda van Aalst Shawn David Vandemark Julie Vanille Vasile Stephen J. Vega Carlos Maria Villafane, Jr. **Charles Robert Volpe Boris Volshteyn** Devdas Wali Stephen Michael Warren Tyler Russell Wayment **Clinton Bradshaw Webster** Cheryl Ann White Bryan Richard Whitlock Jonathan Seth Wilensky Steven Harrison Williams Henry Benjamin Wilson Randolph Wojcik, Jr. Albert Suk Won Woo Frederick Taylor Work Sean Anthony Wright Eugene Chi-Hwa Wu Liza C.G. Wu Samuel Howard Wurster Jeffrey Scott Yager Sung WonYoon Art Yajing Yu Anthony Mehdi Zacharek Michael Zarrabi