

American College of Surgeons International Scholarship Programs: 40-Year History of Support for International Surgical Education

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From the time of its founding in 1913, the American College of Surgeons (ACS) has promoted educational and research collaborations with other medical associations. It is therefore fitting that a program to support international surgical scholars was formalized in 1968 with the launching of the International Guest Scholarship (IGS) program.

The first scholars were funded partly by a bequest from former ACS Director Paul R Hawley, MD, FACS (Hon) (1891 to 1965). Major General Hawley, Chief Surgeon of the European Theater of Operations in World War II (Fig. 1) was an accomplished man who had received the Distinguished Service Medal, the Legion of Merit, the Bronze Star, and the Lasker Award from the United States. He was a man of great vision and administrative talents, who became the first director of the Veterans Administration and later the director of Blue Cross Blue Shield before assuming the position of Director of the American College of Surgeons.¹ Dr Hawley realized that funding surgeons from abroad to travel to the Clinical Congress and to American surgical institutions and programs would be beneficial and educational for the selected international scholars as well as the programs and surgeons hosting them.

Over the last 40 years this program has grown in scope and vision. We take the 40th anniversary of the founding of the IGS program as an opportunity to review its evolution and evaluate the accomplishments of the ACS international outreach program.

HISTORY OF TRAVELING SURGICAL OBSERVERSHIPS

The idea of educating young surgeons by having them travel to distant places to observe surgical practice is not new. *Wanderjahr* was the term coined for this tradition because these travels were often a year or longer.² It was not unusual for American surgeons in the 19th and early 20th centuries to spend time abroad observing and learning surgery from a continental master. Indeed, some 15,000 US physicians took this path between 1870 and 1914.³ In particular, the travels of many US surgeons to Germany were well documented.² This exchange included such luminaries as William Stewart Halsted and Edward D Churchill.²⁻⁴ The IGS program at the ACS was therefore a natural evolution of these earlier programs, attempting to encourage promising surgeons to travel to the US as prominence of American surgical programs became established.

HISTORY OF THE ACS INTERNATIONAL SCHOLARSHIP PROGRAM

Currently the international scholarship program of the ACS encompasses two kinds of scholarships: the IGS and the reciprocal international traveling fellowships. The common purpose of all programs is to encourage international exchange of information concerning surgical practice and research and to establish professional and academic collaborations and friendships. The International Relations Committee (IRC) oversees all ACS international scholarship programs. The Scholar Selection Subcommittee conducts the selection process.

International guest scholarships

The IGS started as a program to fund promising surgical scholars from South America to travel to the United States for the ACS meeting and to visit surgical programs. The original program supported a single Latin American surgeon annually. This program changed little for the first 12 years except for the number of scholars selected. In 1980 the program was expanded to include travelers from Europe and then in 1981 from the rest of the world. For the

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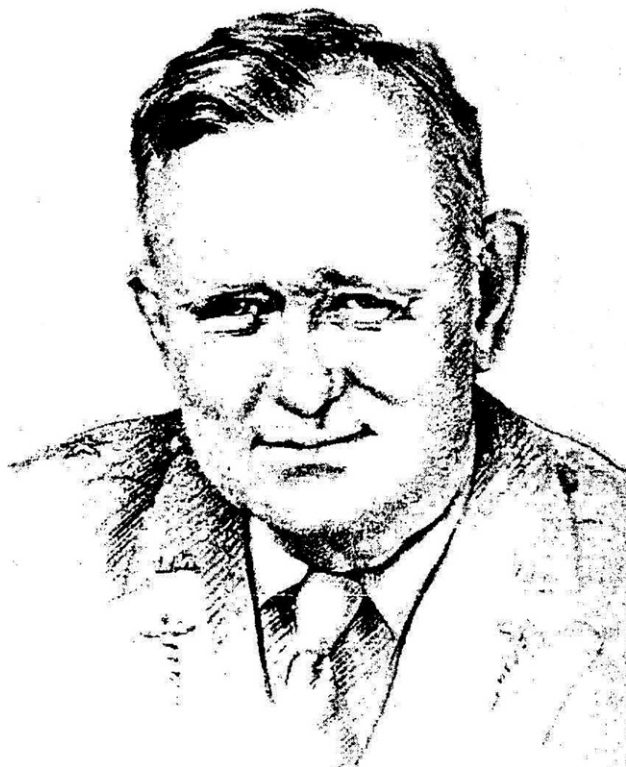


Figure 1. Former Director of the American College of Surgeons, Paul R Hawley, MD, FACS (Hon) (1891–1965): recipient of the Distinguished Service Medal, the Legion of Merit, the Bronze Star, and the Lasker Award from the United States.

past 10 years, the IGSs have been awarded to 8 to 10 surgeons per year.

Current international guest scholarship program

From their inception, the IGSs have been extraordinarily selective awards. Currently 8 to 10 IGSs are offered to young (35- to 45-year-old) surgeons from countries outside the US or Canada, who have demonstrated a commitment to teaching and/or research in accordance with the standards of their country. These scholarships provide each scholar with an opportunity to visit clinical, teaching, and research centers in North America and to attend the educational activities at the ACS annual Clinical Congress. Applicants must have been in surgical practice, teaching, or research for a minimum of 1 year at their intended permanent location, after completion of all formal training. Applicants who are awarded scholarships are expected to provide a full written report of their experiences upon completion of the program, disseminating the knowledge gleaned overseas to the greater ACS membership.

The scholarships provide successful applicants with financial support and the privilege of participating in the College's annual Clinical Congress in October, with public

recognition of their presence at the meeting. Scholars receive free admission to selected postgraduate courses plus admission to all lectures, demonstrations, and exhibits considered an integral part of the Congress. Assistance is also provided in arranging visits to surgical programs and institutions of the scholars' choice before or after the Clinical Congress.

Reciprocal international traveling fellowships

Traveling fellowship to Australia and New Zealand

Started in 1982 on a sporadic basis, this fellowship program transitioned to offering annual awards by 1989. Until now, it has been known as the ANZ Chapter of the ACS Traveling Fellowship, and it has been a one-way fellowship in which a North American surgeon visits Australia and New Zealand with financial and organizational assistance from the ANZ ACS Chapter. As of 2011, it will become a two-way exchange, with a traveler from Australia or New Zealand coming to the US and being sponsored by the ANZ Chapter and the Royal Australasian College of Surgeons.

Current ANZ fellowship status

Candidates must have a major interest and accomplishment in basic sciences related to surgery, hold a current full-time academic appointment in Canada or the United States, and be less than 45 years of age when the application is filed. The fellow is required to spend a minimum of 2 or 3 weeks in Australia and New Zealand. During this time, responsibilities include attending and participating in the Annual Scientific Congress of the Royal Australasian College of Surgeons, participating in the formal convocation ceremony, and attending and addressing the ANZ Chapter meeting during that Congress. The fellow also visits at least 2 medical centers in Australia and New Zealand before or after the Congress to lecture and share clinical and scientific expertise with local surgeons.

The College provides financial support to the successful applicant, who is also exempted from registration fees for the Annual Scientific Congress. The successful fellow also has the assistance of the president or designated representative of the Australia and New Zealand Chapter of the ACS to finalize the travel arrangements. Spouses are welcome to accompany successful applicants. Similarly, the ANZ Chapter, in partnership with the Royal Australasian College, will support a young surgeon from Australia or New Zealand to attend the Clinical Congress, then tour North American institutions tailored to his or her interests.

Traveling fellowships to Japan and Germany

The traveling fellowship programs to Japan and Germany create international exchange opportunities among surgeons of these 2 countries and North America. The Japan

program began in 2003; the Germany program began in 2005. An ACS traveling fellow from Canada or the US visits Japan, while a Japanese traveling fellow visits North America. Likewise, this exchange occurs with a German surgeon and one from North America.

Current status

North American fellows are selected from young (less than 45 years old) applicants who hold a full-time academic appointment in Canada or the US, with a major interest and accomplishment in clinical and basic science related to surgery. Fellows traveling to Japan and Germany are required to spend a minimum of 2 weeks in their respective host country. Part of this time is spent attending and participating in the annual meetings (Japan Surgical Society or German Surgical Society), during which fellows also attend the chapter meetings for those countries. Fellows are also required to visit at least 2 medical centers outside the annual meeting city before or after the annual meetings to lecture and share clinical and scientific expertise with the local surgeons. A Japanese scholar selected by the Japan Surgical Society and a German scholar selected by the German Surgical Society likewise visit the United States to attend the Clinical Congress and then visit institutions and surgeons of interest.

Past international fellows

During the past 40 years, 212 surgeons have participated in the international scholars programs of the ACS. They have come from 65 nations on 6 continents (Tables 1 and 2; Fig. 2). A complete roster appears in Appendices 1, 2, 3, and 4 (online only). Most have been general surgeons, but surgeons with specialty training have participated in the program with increasing frequency as specialization in surgical practice has reached all parts of the world (Table 3).

These individuals have rewarded the ACS by actively participating in activities of the College; 117 of 212 (54%) have become fellows of the ACS. Nineteen are current or former chapter officers or committee members. Two others are heads of foreign surgical societies. Three (Juan M Acosta of Argentina, Attila Csendes of Chile, and Olajide Ajayi of Nigeria) have earned the distinction of being recognized as honorary fellows of the ACS.

2003 IGS survey

In 2003, a survey was undertaken at the request of the International Relations Committee to measure the impact of the international scholarship program. The survey was constructed to gather career information on former scholars and to analyze the perceived impact of the IGS programs on their careers. Surveys were sent to all 1968 to 2003 international guest scholars.

Seventy-four of 161 fellows replied (46% response rate).

Fifty-eight percent of responders have since become fellows of the College (similar to the percentage of all scholars), and 43% are active in their national chapter. Former scholars reported that they spent more than half of their time (55%) in clinical medicine, 30% of their time in teaching, and the remainder in research and administration. Fifty percent of those responding said they were now professors at their institutions; 36% identify themselves as division heads, and 21 as department chairs. Forty-three percent of respondents reported having produced publications as a result of their traveling scholarship, with 35% reporting domestic or regional articles and 32% citing international publications.

With regard to their North American visits, 30% of scholars reported visits that were longer than their scholarships required. As for ACS offerings, Advanced Trauma and Life Support remains a very popular course, having been taken by 31% of respondents. Other ACS activities, such as the spring meeting or Commission on Cancer events, have been attended by 19%. Fifty-one percent indicated they have attended the Clinical Congress since their scholarship year, 32% more than once.

The visits had direct effect on clinical care. Many scholars reported learning new techniques now practiced in their departments, and that their contact with leading surgeons led to improvements in their work and practice. A number noted how they broadened their perspective on their surgical specialty or believed that they had reached a new benchmark for themselves, after observing North American surgical leaders in action.

As would be expected from the selection process, research and education seemed to be of particular importance to past scholars. They commented on how new ideas for research opened up for them or that they began new studies in their own countries based on American models that have been successful and innovative.

Many of the scholars believed they had made excellent contacts with North American surgeons and experts, and some felt they had made friends for life. Many scholars reported that an ongoing exchange program had resulted from their scholarship visit. Several have sent colleagues to their US contacts. Many have hosted their former North American hosts. Some now host American surgical residents for visits in their programs. Many scholars have gone on to organize international surgical education activities. Several now organize international surgical meetings or courses in their own country. One has taught lymphatic mapping in breast tumors in 4 countries for the International Atomic Energy Agency.

Virtually all of the scholars thought that the IGS had a positive effect on their careers: 38% felt it had provided opportunities otherwise not possible; 47% felt it was ex-

Table 1. Geographic Distribution of International Guest Scholars (1968–2009)

Continent	Country, n	Total, n
Africa		19
Cameroon	1	
Kenya	2	
Nigeria	7	
South Africa	3	
Sri Lanka	2	
Tanzania	2	
Zambia	1	
Zimbabwe	1	
Asia		46
Bangladesh	2	
Hong Kong	5	
India	12	
Indonesia	1	
Japan	3	
Malaysia	2	
Pakistan	2	
China	5	
Philippines	6	
South Korea	3	
Taiwan	2	
Thailand	3	
Europe		51
Armenia	1	
Austria	1	
Belgium	2	
Bulgaria	3	
Denmark	2	
England	5	
Estonia	1	
Finland	1	
France	7	
Republic of Georgia	2	
Germany	3	
Greece	1	
Hungary	2	
Italy	3	
Romania	1	
Russia	1	
Spain	6	
Sweden	3	
Switzerland	1	
Turkey	2	
Wales	2	
Yugoslavia	1	
Middle East		4
Egypt	1	
Israel	1	

(continued)

Table 1. (Continued)

Continent	Country, n	Total, n
Lebanon	1	
Oman	1	
Oceania		12
Australia	8	
New Zealand	3	
Papua New Guinea	1	
South and Central America		73
Argentina	17	
Bolivia	1	
Brazil	9	
Chile	9	
Costa Rica	3	
Cuba	2	
Ecuador	4	
El Salvador	2	
Guatemala	3	
Jamaica	1	
Mexico	10	
Panama	2	
Uruguay	7	
Venezuela	3	

tremely helpful, and 12% believed it was somewhat helpful. In recent communications, Neil Mortensen, professor of surgery at Oxford and editor of the *British Journal of Surgery*, wrote, “The international scholarship opened my eyes to the possibilities and opportunities in surgery to excel. It helped me understand the ‘geography’ of American surgery, how great surgeons are trained and allowed me to make some friends for life. It was in short a fantastic privilege at that early point in my career.” Michael Mulholland, chair of surgery at the University of Michigan wrote, “The ACS international scholar’s program was both energizing and humbling for me. I was humbled to learn that the quality and sophistication of surgical care in many other countries was equal to American standards. It was energizing that this insight could be the impetus for further im-

Table 2. Distribution of International Guest Scholars by Decade (1968–2009)

Regions	1969–1979, 1980–1989, 1990–1999, 2000–2009,			
	n	n	n	n
Africa	0	6	6	7
Asia	0	11	17	18
Europe	0	11	18	22
Middle East	0	0	3	1
Oceania	0	3	5	4
Americas	15	20	29	24
Total	15	51	78	76

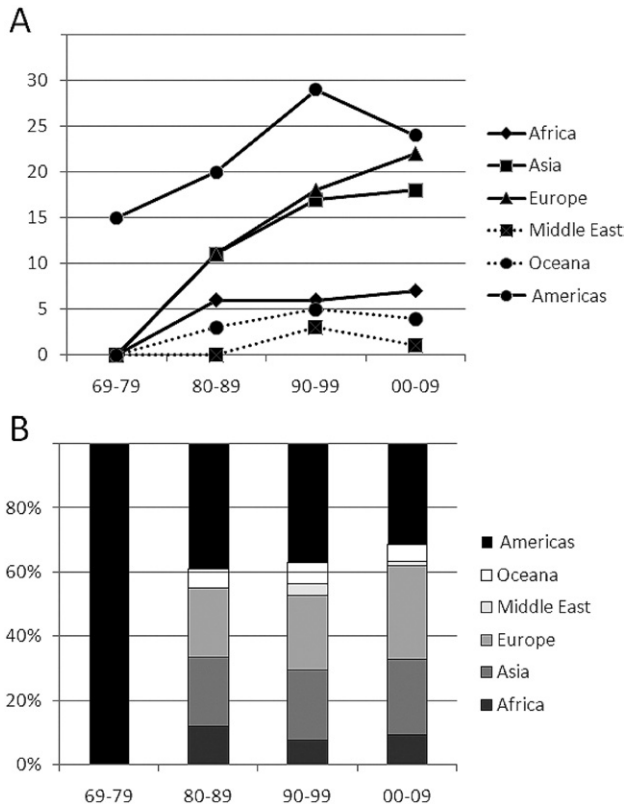


Figure 2. Geographic distribution of International Guest Scholars. Panel A depicts the total number from each region by decade. Panel B shows the geographic distribution as a percentage of total number of scholars.

provements here at home.” Perhaps the biggest compliment for the program is that 86% of respondents say they have encouraged others to apply for the IGS.

Success factors

By all accounts, the IGS programs have been very successful. Several factors have contributed to this success. Without question, the vision of General Hawley, who left an endowment to start the program, was the initial catalytic factor. Since then, scores of US, Canadian, and international senior ACS fellows have willingly served on committees to select the most deserving and promising scholars. Additional fellows have served as hosts to scholars, giving advice, guidance, and time to make their visit most productive and educational. All these activities have been coordinated by an attentive and dedicated ACS staff. Finally, it is fitting to mention the generosity of many donors who have supported expansion of these programs since the original bequest of General Hawley. Among them, special mention should be made of the family of Dr Abdol Islami, FACS (Abdol Islami International Guest Scholar)⁵ and KCI Inc (Dr Louis Argenta, International Guest Scholar).

Other scholarships for surgical travels

There is no doubt that fruitful international exchange of surgical knowledge is alive and well. Reorganization of political units such as the establishment of the European Union has facilitated uniform surgical education on the continent. More and more individuals are also traveling between continents to do extended formal training; many European, American, and Asian institutions have now established international fellowships to allow and encourage such exchange.

For funding of short visits, a number of other surgical societies have scholarships to support international travel. The most prominent of these are summarized in Table 4. These include the James IV Society, the British Society of Surgery, the Society for Surgery of the Alimentary Tract, the International Hepatopancreaticobiliary Association, and the International Union Against Cancer (UICC). These and other visionary societies are helping to foster the spirit of academic exchange that is so important for grooming future international surgical leaders. The intent of these fellowships is to shape those individuals still in their formative years.

Conclusions and a look to the future

The scholarship program originally endowed through the legacy left to the College by General Hawley has been greatly successful and has grown. The educational benefits as well as the rewards of the social interactions are remarkable, and they are evident in the enthusiastic testimonials from our past traveling scholars.

Table 3. Specialty Distributions of International Guest Scholars (1968–2009)

Specialty	Primary specialty, n	Secondary specialty, n
Breast		5
Cardiac/thoracic surgery	10	3
Colorectal surgery	3	6
Digestive surgery	8	8
Endocrine	7	1
General surgery	119	13
Head and neck	2	
Hepatopancreaticobiliary	2	1
Neurosurgery		3
Oncology	9	3
Ophthalmology		1
Oral surgery		4
Orthopaedic surgery	2	
Pediatric surgery	17	2
Plastic surgery	7	1
Transplant surgery	5	1
Trauma	3	3
Urology	6	1
Vascular	12	3

Table 4. Traveling Scholarships Available Through the ACS and Other Organizations

Scholarship	Age, y	Eligibility	Amount	Deadline	Website
ACS					
International Guest Scholar	35-45	>1 year in practice, 10 surgeons outside North America	\$8,000	July	facs.org
Australia and New Zealand	<45	1 American surgeon	\$12,000	November	
Japan	<45	1 American, 1 Japanese	\$7,500	June	
Germany	<45	1 American, 1 German	\$6,000	April	
Others societies					
Association of Surgeons of Great Britain and Ireland (ASGBI)					
Overseas Surgical Fellowship	N/A	5 fellows of College of Surgeons of Great Britain (GB) or Ireland (I)	£2,000	June	asgbi.org.uk
Moynihan Traveling Fellow		Specialist registrar, resident of GB or I	£5,000	October	
James IV Association	N/A	1-2 American surgeons, 1-2 surgeons outside North America	Unspecified	July	jamesivassociationsurgeons.com
Society of Surgery of The Alimentary Tract					
Karen and Josef E Fischer International Traveling Fellowship	N/A	SSAT member	\$5,000	February	ssat.com
Carol and Tom R DeMeester Traveling Fellowship	N/A	SSAT member, US or Canadian travels	\$3,500	March	ssat.com
UICC					
ACS International Fellowship	N/A	International; income based	\$45,000	December	uicc.org
Yamagiwa-Yoshida Memorial	N/A	International	\$10,000	January/July	
American Association for Study of Liver Diseases	N/A	1 surgeon outside North America, research fellowship	\$75,000	December	aasld.org

ACS, American College of Surgeons; SSAT, Society for Surgery of the Alimentary Tract; UICC, International Union Against Cancer.

Looking at the future, we need to build on the success of the past 40 years. First, we need to continue to encourage our young surgeons to travel and learn, and apply for these scholarships. Mentors should make sure that the young surgeons are allowed adequate time for these travels. We also need to encourage donations to these programs. Specifically, we need to encourage donation of time by senior surgeons to serve on committees to select scholars and administer these programs of the ACS and other surgical societies. We also need to adequately mentor and host the visiting scholars. Finally, we need to encourage donations of funds to support the expansion of these traveling grants so that more outstanding applicants can benefit from them.

Author Contributions

Study conception and design: Fong, Early, Noguerras, Villar
Acquisition of data: Fong, Early, Noguerras, Villar

Analysis and interpretation of data: Fong, Early, Villar
Drafting of manuscript: Fong, Early, Deane, Johnson, Noguerras, Finley, Hoballah, Michelassi, Villar
Critical revision: Fong, Early, Deane, Johnson, Noguerras, Finley, Hoballah, Michelassi, Villar

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Appendix: 1. Recipients of the International Guest Scholarship Awards (1968–2008)

Awardee	Award year	Specialty
Argentina (17)		
Juan Miguel Acosta, MD, FACS (Hon)	1971	General surgery
Mariano Marcelo Boglione, MD	2000	Pediatric surgery
Luis Antonio Buonomo, MD, FACS	1996	General surgery
Carlos Alberto Casalnuovo, MD, FACS	1983	General surgery
Luis Mariano Ferreira, MD	2007	Vascular surgery
Alberto Raul Ferreres, MD, FACS	1991	General surgery
Luis Gramatica, Jr, MD	2002	General surgery/endocrine
Antonio Ricardo La Mura, MD, FACS	1990	General surgery
Daniel M Maffei, MD	2005	Emergency/trauma
Manuel Raul Montesinos, MD, FACS	1994	General surgery/surgical oncology
Juan Jose Naveiro, MD	1976	General surgery
Carlos G Ocampo, MD, FACS	2004	General surgery
Diego Luis Sinagra, MD	2001	General surgery/surgical oncology
Eugenio Marcelo Tagliaferri, MD	1999	General surgery
Ricardo Alberto Torres, MD, FACS	1988	General surgery
Sergio Hugo Witis, MD	1986	General surgery
Oscar Alberto Zimman, MD, PhD, FACS	1987	Plastic surgery
Armenia (1)		
Petros Pavel Ananikyan, MD	2000	General surgery/gastrointestinal
Australia (8)		
Wendy Brown, MBBS, PhD, FRACS, FACS	2006	General surgery/gastrointestinal
Phillip James Carson, FRCS (Edin), FRACS	1996	General surgery/breast
William Mark Castleden, MS, FRCS (Eng), FRACS	1987	Vascular surgery
Leigh Walter Delbridge, MBBS, FRACS, FACS	1988	General surgery
David Charles Gotley, MD, FRACS	1998	General surgery/gastrointestinal
Reginald V N Lord, MBBS, FRACS	2007	General surgery/gastrointestinal
Julian Anderson Smith, MBBS, FRACS, FACS	1997	Cardiothoracic surgery
Peter Charles Willsher, MBBS, FRACS, FACS	2000	General surgery
Austria (1)		
Peter Claus Schrenk, MD	1998	General surgery
Bangladesh (2)		
Shafiqul Hoque, MB, BS, FACS	1993	General surgery/pediatric surgery
Sarder A. Nayeem, MBBS, PhD, FACS	2006	General surgery
Belgium (2)		
Thierry Defechereux, MD	2005	Breast/endocrine
Eric Wespes, MD	1988	Urology
Bolivia (1)		
Gonzalo Ostria Pacheco, MC, FACS	1994	General surgery/laparoscopic surgery
Brazil (9)		
Nelson Adami Andreollo, MD	1990	General surgery
Dario Birolini, MD, FACS	1973	General surgery
Joel Faintuch, MD, PhD	1981	General surgery
Francisco Juarez Almeida Karkow, MD	1984	General surgery
Francisco Jose Santos Maia, MD	1987	General surgery
Airton Schneider, MD	2005	Thoracic surgery
Fabio Xerfan Nahas, MD, FACS	1997	Plastic surgery
Rina Maria Pereira Porta, MD	2007	Vascular surgery/trauma

(continued)

Appendix: 1. (Continued)

Awardee	Award year	Specialty
Pedro Puech-Lea, MS	1986	General surgery
Bulgaria (3)		
Petrana Petkova Doynova, MD	1995	Pediatric surgery
Alexander Julianov, MD	2007	General surgery
Diana V Stoyanova, MD	2005	Pediatric surgery
Cameroon (1)		
Marc L Guifo, MD	2007	General surgery/s
Chile (13)		
Victor Bianchi Schast, MD, FACS	1999	General surgery/vascular surgery
Italo F Braghetto, MD, FACS	1989	General surgery
Wilfredo Calderon Ortega, MD, FACS	1987	Plastic surgery
Felipe A Catan, MD, FACS	2003	General surgery
Attila Csendes, MD, FACS (Hon)	1977	General surgery
Xabier Ander De Aretxabala Urquiza, MD, FACS	1996	General surgery/endocrine surgery
Ricardo Z Espinoza, MD	2000	General surgery/trauma
Alberto Gyhra, MD, FACS	1979	General surgery
Albrecht H Kramer, MC, FACS	1985	General surgery/vascular surgery
Augusto Larrain, MD	1972	Thoracic
Carlos Lizana, MD, FACS	1988	General surgery
Renato A Mertens, MD, FACS	2005	Vascular surgery
Jaime Hugo Rappoport, MD	1983	General surgery
People's Republic of China (5)		
Yan-Nian Hui, MD	1984	Ophthalmology.
Lan Ping, MD	2005	General surgery/gastrointestinal
Yongfeng Shao, MD	2007	Cardiothoracic surgery
Mingqiang Xie, MD, FACS	2000	Oral surgery
Yong-Ran Zhu, MD	1983	General surgery
Colombia (9)		
Juan G Barrera, MD	2008	Vascular surgery
Juan De Francisco Zambrano, MD	1990	Head & neck
Fernando Guzman Mora, MD	1982	General surgery
Francisco Henao, MD, FACS	1988	General surgery
Francisco Holguin, MC, FACS	1980	General surgery
Hector H Pulido, MD	2007	Transplant/general surgery/oncology
Alejandro Nino-Murcia, MD, FACS	1999	General surgery
William N Sanchez Maldonado, MD, FACS	2002	General surgery/ surgical oncology
Guillermo Umana, MD, FACS	1970	General surgery
Costa Rica (3)		
Alfonso Campos, MC, FACS	1984	General surgery
Maria A Matamoros, MD, FACS	2003	Pediatric surgery
Jaime Eduardo Flores Montero, MD, FACS	1990	General surgery
Cuba (2)		
Arnulfo F Fernandez, MD, FACS	2003	General surgery
Orestes Noel Mederos Curbelo, MD, FACS	1998	General surgery/thoracic surgery
Denmark (2)		
Ole Hart Hansen, MD	1982	General surgery
Hans Rahr, MD	2003	Gastrointestinal surgery
Ecuador (4)		
Alberto Patricio Cordero, MD, FACS	1999	General surgery

(continued)

Appendix: 1. (Continued)

Awardee	Award year	Specialty
Edgar J Rodas, MD, FACS	1974	General surgery
Marco Agnelio Romero Pinos, MD	1992	General surgery/surgical oncology
Hernan P Sacoto, MD	2006	General surgery/gastrointestinal
Egypt (1)		
Hassan Zakaria Shaker, MD	1993	General surgery
El Salvador (2)		
Enrique Muyschondt C, MD, FACS	1968	General surgery
M Virginia Rodriguez Funes, MD, FACS	2001	General surgery
England (5)		
Nigel James Bundred, MD, FRCS (Edin & Eng)	1996	General surgery/breast/endocrine
Kwok-Leung Cheung, MBBS, FACS	2007	General surgery
David Lawson Morris, FRCS (Edin & Eng)	1987	General surgery
Neil James Mortensen, MB, ChB, MD, FRCS (Eng)	1980	General surgery
Baljit Singh, MB, BCh, DPhil, FRCS (Eng), FRCS (I)	2008	General surgery/colorectal surgery
Estonia (1)		
Juri Teras, MD, FACS	2005	General surgery/trauma
Finland (1)		
Maarit Anita Venermo, MD	2007	Vascular surgery
France (7)		
Bruno Carnaille, MD	1997	Endocrine/gastrointestinal
Christian Gouillat, MD, FACS	1985	General surgery
Didier Jacqmin, MD	1990	Urology
Sophie Jaillard, MD	2004	General surgery
Jean-Louis Peix, MD	1988	Endocrine surgery/gastrointestinal
Jean-Francois Rodier, MD, HDR, FACS	1999	General surgery/surgical oncology/urology
Frederique Sauvat, MD, PhD	2008	Pediatric surgery
Georgia, Republic of (2)		
Rem R Gvamichava, MD	1998	General surgery/colorectal surgery
Baadur Avtandilovich Mosidze, MD	1991	General surgery
Germany (3)		
Roland Fasol, MD	1992	Thoracic surgery/cardiovascular surgery
Hubert G Hotz, MD	2008	General surgery/vascular surgery
Christian Werner Schinkel, MD, FACS	2002	Orthopaedic surgery
Greece (1)		
Elias Kaperonis, MD	2005	Vascular surgery
Guatemala (3)		
Noel Ernesto Corrales V., MD	2001	General surgery/vascular surgery
Julio Cesar Morales Linares, MD	2006	General surgery/colorectal surgery
Sergio Leonel Ralon C., MD	1998	General surgery/endocrine surgery
Hong Kong, Special Administrative Region of (5)		
Kwan Hon Chan, MS, FRCS (Edin)	1995	Neurosurgery
Kent-Man Chu, MBBS, FRCS (Edin), FACS	1999	General surgery
Chung-Yau Lo, MBBS, FACS	2004	General surgery
Ronnie TP Poon, MBBS, MS, FRCS (Ed), FACS	2006	General surgery
Kenneth Wong, MB, ChB, FRCS (Ed)	2008	Pediatric surgery
Hungary (2)		
Peter K. Kupcsulik, MD, FACS	1981	General surgery
Zsolt Toth, MD, PhD	2006	Cardiothoracic surgery

(continued)

Appendix: 1. (Continued)

Awardee	Award year	Specialty
India (12)		
Amit Agarwal, MBBS, MS	2008	Breast/endocrine
Gaurav Agarwal, MBBS, FACS	2005	Breast/endocrine
Nilakantan Ananthakrishnan, MS, FACS	1982	General surgery
Srikumari Damodaram, MS, MCh, FACS	1988	General surgery/gastrointestinal
SV Suryanarayana Deo, MBBS, FACS	2003	General surgery/surgical oncology
Produl Hazarika, MBBS	1986	Oral surgery
Ashok Kumar Hemal, MS, MCh	1997	Genito-urinary surgery
Sanjay Suryaji Prabhu Khope, MS, MCh, FACS	1993	Pediatric surgery
Katragadda Lakshmi Narasimharao, MS, MCh, FACS	1987	Pediatric surgery
Tindivanam Muthurangam Ramanujam, FRACS	1991	Pediatric surgery
Saurabh Varshney, MBBS	2004	Oral surgery
Ashish Wakhlu, MS, MCh	2006	Pediatric surgery/general surgery
Indonesia (1)		
Kustiyo Gunawan, MD, FACS	1993	Pediatric surgery
Israel (1)		
Dan D Hershko, MD	2004	General surgery
Italy (3)		
Renato De Angelis, MD, FACS	1986	General surgery
Isidoro Di Carlo, MD, FACS	2002	General surgery/gastrointestinal/emergency
Marco Maria Lirici, MD	1995	General surgery/gastrointestinal
Jamaica (1)		
Newton Dillon Duncan, MBBS, FACS	1995	General surgery/pediatric surgery
Japan (3)		
Nobuyasu Kano, MD, PhD, FACS	1993	General surgery/gastrointestinal
Koji Kono, MD, PhD	1999	General surgery
Masayuki Sho, MD, PhD	2008	General surgery
Kenya (2)		
Hassan Saidi, MB, ChB	2004	General surgery
Gerisom Mundanya Sande, MB, ChB, MMed	1982	Neurosurgery
Lebanon (1)		
Ghattas Semaan Houry, MD, FACS	1992	General surgery/vascular surgery
Malaysia (2)		
Hong Kooi Goon, FRCS (Edin), FRACS	1987	Pediatric surgery
Robert Patrick Jalleh, FRCSI, FRCS (Edin & Glas), FACS	1994	General surgery
Mexico (10)		
Arturo Dib-Kuri, MD	1985	General surgery/transplant surgery
Alejandro Gonzalez Ojeda, MC, FACS	1995	General surgery
Carlos Nava Gutierrez, MD	1975	General surgery
Federico Javier Juarez, MD	1994	General surgery/transplant surgery
Luis Humberto Lopez, MD	2006	General surgery
Alberto Odor-Morales, MD	1989	Transplant surgery
Francisco Padilla Monroy, MD	1998	General surgery
Juan Pablo Pantoja, MD	2004	General surgery/endocrine general surgery
Ector Jaime Ramirez Barba, MC,	1997	General surgery
Patrick Santillan-Doherty, MD, FACS	1992	General surgery/thoracic surgery
New Zealand (3)		
Spencer Wynyard Beasley, FRACS	1991	Pediatric surgery

(continued)

Appendix: 1. (Continued)

Awardee	Award year	Specialty
Francis Antony Frizelle, FRACS, FACS	1999	General surgery/colorectal surgery
Jonathan Barnes Koea, MB, ChB, FRACS, FACS	2004	Hepatobiliary surgery/general surgery
Nigeria (7)		
Adebayo Clement Adebamowo, MB, ChB, FWACS, FACS	1998	General surgery/surgical oncology
Samuel A Ademola, BSc, MBChB, FWACS	2008	Plastic surgery
Adeyinka C Adisa, MBBS, FWACS, FACS	2007	General surgery
Olajide Olaolu Adedapo Ajayi, MBBS, FRCS (Eng), FACS (Hon)	1981	General surgery
Emmanuel A Ameh, MBBS, FACS	2003	Pediatric surgery
Emanuel Rapuluchuk Ezeome, MD, FACS	2001	General surgery
Onwura Michael Obiekwe, FMCS, FWACS	1995	General surgery/urology
Oman (1)		
Sambandam Elango, MB, BS, MS, FACS	1997	Oral surgery
Pakistan (2)		
Farhat Abbas, MD, FACS	2001, 2002	Urology
Zafar Nazir, FRCS (Glas & Edin), FACS	1996	Pediatric surgery
Panama (2)		
Herbert Arcesio Garcia, MD, FACS	1991	General surgery
Rafael Victor Reyes, MD, FACS	1981	General surgery
Papua New Guinea (1)		
Sankar Nath Sinha, FRACS, FACS	1984	General surgery
Peru (3)		
Danilo Bambaren Gastelumendi, MC, FACS	1979	General surgery
Jaime Herrera Matta, MD, FACS	1993	General surgery
Miguel Santillana Cantella, MD, FACS	1969	General surgery
Philippines (6)		
Armando Castillo Crisostomo, MD	1996	General surgery/colorectal surgery
Willie N Lagdameo, MD, FACS	1983	Pediatric surgery
Adriano Victor Laudico, MD, FACS	1984	General surgery
Marie Carmela M. Lapitan, MD, FPCS	2003	Urology
Rose Marie O Rosete-Liquete, MD, FACS	1991	Transplant/vascular surgery/general surgery
Manuel Francisco Tanada Roxas, MD, FPCS, FACS	2002	Colorectal surgery/laparoscopy
Romania (1)		
Emil F Popa, MD, FACS	2004	General surgery
Russia (1)		
Vladislav V Semiglazov, MD	2002	General surgery/surgical oncology
South Africa (3)		
Mphako Charles Modiba, MB, ChB, FACS	1994	General surgery
Charles Andrew Ville Perrott, MB, BCh, FACS	1989	General surgery
Sandie Rutherford Thomson, FRCS (Edin & Eng)	1993	General surgery
South Korea (3)		
Jeong-Hwan Chang, MD, PhD	2006	General surgery/vascular surgery
Taejin Song, MD, FACS	2007	General surgery/surgical oncology
Soo Sang Sohn, MD, FACS	1985	General surgery
Spain (6)		
Fernando Manuel Docobo Durantez, MD, FACS	1992	General surgery/gastrointestinal
Constantino Fondevila, MD, PhD	2008	Hepatopancreatobiliary/transplant surgery
Felix Lluís, MD, PhD	1990	General surgery
Juan Carlos Meneu-Díaz, MD	2001	General surgery/transplant surgery

(continued)

Appendix: 1. (Continued)

Awardee	Award year	Specialty
Xavier C Rius, MD, FACS	1981	General surgery
Antonio Jose Torres, MD, PhD, FACS	1994	General surgery/thoracic surgery
Sri Lanka (2)		
Colvin Ananda Samarasinghe, MBBS, FRCS (Edin & Eng), FACS	1989	Neurosurgery
Sanjiva Samarakoon Wijesinha, FRCS (Edin), FRCSI	1986	General surgery
Sweden (3)		
Anders Olof Kristoffersson, MD, PhD	1990	General surgery
Toste Th Lanne, MD, PhD	1996	Vascular surgery
Kerstin Sandelin, MD, PhD, FACS	1994	General surgery/endo/breast
Switzerland (1)		
Daniel Oertli, MD, FACS	2000	General surgery
Taiwan (2)		
Ching-Hua Hsieh, MD, FACS	2005	Plastic surgery
Yur-Ren Kuo, MD, FACS	2003	Plastic surgery
Tanzania (2)		
Philip R Hiza, FRCS (Edin)	1983	General surgery
Leonard EK Lema, MBBS, MMed	1991	Thoracic surgery
Thailand (3)		
Apinop Chanvitan, MD, FRCS (T)	1997	General surgery/surgical oncology
Soottiporn Chittmittrapap, MD, FACS	1995	General surgery/pediatric surgery
Polasak Jeeravipoolvarn, MD	1985	Orthopedic surgery
Turkey (2)		
Mehmet Hacıyanlı, MD, FACS	2006	General surgery
Mehmet Ayhan Kuzu, MD, FACS	2001	Colorectal surgery
Uruguay (7)		
Bernardo Mauricio Aizen, MD, FACS	1997	Breast/surgical oncology
Carlos M Barberousse, MD, FACS	2008	General surgery/surgical oncology
Carlos E Carriquiry, MD	1989	Plastic surgery
Guillermo M Carriquiry, MD	1996	Thoracic surgery
Gonzalo A Fernandez Naone, MD, FACS	2002	General surgery
Eduardo Henderson, MD, FACS	1998	Gastrointestinal/emergency surgery/ trauma
Luis Alberto Russo Martinez, MD, FACS	1995	GI/transplant/emergency/trauma
Venezuela (3)		
Luis Arturo Ayala, MD, FACS	1978	General surgery
Guillermo Colmenares Arreaza, MD, FACS	1982	General surgery
Rafael Casanova-Duarte, MC, FACS	1992	Head & neck/plastic surgery
Wales (2)		
Gareth John Morris-Stiff, MB, Bch, FRCS (Eng)	2002	General surgery
Howard Lewis Young, FRCS (Eng)	1989	General surgery/colorectal surgery
Yugoslavia (1)		
Srdjan Rakic, MD, FACS	1989	General surgery/esophageal surgery
Zambia(1)		
Kasonde Bowa, MB, ChB, FACS	2004	Urology
Zimbabwe (1)		
Charles Tizai Faranisi, MB, ChB, FRCS (Edin), FACS	1992	General surgery

Appendix: 2. Australia and New Zealand Chapter of the American College of Surgeons Traveling Fellowship

Year	Awardees	Location	Specialty
1982	Donald L Kaminski, MD, FACS	St Louis, MO	General surgery
1986	Thomas G Peters, MD, FACS	Jacksonville, FL	General surgery
1989	John C Baldwin, MD, FACS	Hanover, NH	Thoracic
1990	Richard A Prinz, MD, FACS	Maywood, IL	General surgery
1991	Jack L Cronenwett, MD, FACS	Lebanon, NH	General surgery
1992	Keith T Oldham, MD, FACS	Milwaukee, WI	Pediatric surgery
1993	Jon S Thompson, MD, FACS	Omaha, NE	General surgery
1994	Irving L Kron, MD, FACS	Charlottesville, VA	Thoracic
1995	Michael S Sweeney, MD, FACS	Houston, TX	Thoracic
1996	Bauer E Sumpio, MD, FACS	New Haven, CT	Vascular surgery
1997	Michael W Mulholland, MD, PhD, FACS	Ann Arbor, MI	General surgery
1998	Nick Scott Adzick, MD, FACS	Philadelphia, PA	Pediatric surgery
1999	Douglas B Evans, MD, FACS	Houston, TX	General surgery/surgical oncology
2000	Stanley W Ashley, MD, FACS	Boston, MA	General surgery
2001	William M Kuzon, Jr, MD, FACS	Ann Arbor, MI	Plastic surgery/reconstructive surgery
2002	Douglas Tyler	Durham, NC	Surgical oncology
2003	Christopher Forrest, MD, FRCSC, FACS	Toronto, Ontario	Plastic surgery
2004	Joseph J Cullen, MD, FACS	Iowa City, IA	Gastrointestinal
2005	Kevin C Chung, MD, FACS	Ann Arbor, MI	Plastic surgery/hand surgery
2006	Robert R Cima, MD, FACS	Rochester, MN	Colorectal surgery
2007	Herbert Chen, MD, FACS	Madison, WI	Endocrine surgery
2008	Fiemu E Nwariaku, MBBS, FACS	Dallas, TX	Endocrine surgery
2009	Richard J Bold, MD, FACS	Davis, CA	Surgical oncology
2010	Nipun B Merchant	Nashville, TN	Surgical oncology

Appendix: 3. Germany Traveling Fellows

Year	Name	Location	Specialty
2005	O Joseph Hines, MD, FACS	UCLA School of Medicine	General surgery
	Hauke Lang, MD, PhD	Zentrum fur Chirurgie, Essen	Transplantation
2006	Michael G Franz, MD, FACS	University of Michigan	General surgery
	Dirk L Stippel, MD	University of Cologne	General surgery/vascular
2007	Mark A Carlson, MD, FACS	VA Medical Center, Omaha	Head & neck
	Robert Gruetzmann, MD	Universitätsklinikum Dresden	General surgery
2008	John F Renz, MD, FACS	Columbia University	Transplantation
	Tobias Keck, MD, PhD, FACS	Universitaetsklinikum Freiburg	General/pancreatic surgery
2009	Richard A Santucci, MD, FACS	Michigan State University, Detroit	Urology/urological trauma
	Bjoern Bruecher, MD, PhD, FACS	University of Tubingen	Surgical oncology/esophageal surgery

Appendix: 4. Japan Traveling Fellows

Year	Name	Institution	Specialty
2003	Reid B Adams, MD, FACS	University of Virginia	Hepatopancreaticobiliary(HPB)
2004	George K Gittes, MD, FACS	Children's Mercy Hospital, Kansas City	Pediatric surgery
	Takahiro Sato, MD, PhD	University of Tokyo	General surgery
2005	David W Chang, MD, FACS	MD Anderson Cancer Center	Surgical oncology
	Fumiaki Tanaka, MD, PhD	Kyushu University Hospital at Beppu	Surgical oncology
2006	Alan Dardik, MD, PhD, FACS	Yale University School of Medicine	Vascular surgery
	Susumu Eguchi, MD, PhD, FACS	Nagasaki Graduate School of Biomedical Sciences	Transplantation
2007	Luis A. Fernandez, MD, FACS	University of Wisconsin	Transplantation surgery
	Yuko Kijima, MD, PhD	Kagoshima University	Surgical oncology
2008	Sam Wiseman, MD, FRCSC, FACS	St. Paul's Hospital Vancouver	General surgery
	Tomoharu Yoshizumi, MD, PhD	Saiseikai Fukuoka General Hospital	HPB/transplantation
2009	Lorenzo Ferri, MD, PhD, FRCSC, FACS	McGill University Health Centre	Thoracic/surgical oncology
	Hiroshi Saeki, MD, PhD	Kyushu University	Surgical oncology/esophageal surgery