

[Archives & Special Collections, Columbia University Health Sciences Library](#)

[Edgar M. Housepian Papers](#)

HOUSEPIAN, EDGAR M., 1928-2014.

Edgar M. Housepian Papers, circa 1950-2010 (bulk 1960-2010)

20 cubic feet (47 boxes + 1 film reel, 1 u-matic tape, 2 cassette tapes, 1 floppy disk)

#M-0096

BIOGRAPHICAL NOTE: Edgar M. Housepian was born in New York City on March 18, 1928 to parents Dr. Moses and Makrouhie Housepian—both ethnic Armenian emigrants from Syria and Turkey. He attended Horace Mann School (Class of 1946) and Columbia University, receiving a BA degree from Columbia College (1949) and MD from the College of Physicians and Surgeons (1953). He married Marion Grace Lyon in 1954 and had sons David (b. 1955), Stephen (b. 1957) and daughter Jean (b. 1960). He held appointments at Columbia University and Presbyterian Hospital for the duration of his career, specifically within the Department of Neurological Surgery and the Neurological Institute. He was active in professional organizations and was instrumental in the development of stereoecephalotomy and stereotaxic surgery. He served as investigator for clinical studies in the development and evaluation of surgery for Parkinsonism and the dyskinesias (1960s).

As a neurological surgeon, Housepian designed innovative modifications for Herbert Olivecrona's clip to treat aneurysms. Housepian distributed a prototype which could be applied with standard instruments such as a long mosquito forceps (1967). In 1984, he also proposed modifications to the Ethicon clip, a titanium clip produced by Johnson & Johnson. Soon after, he was involved in a two-year study (1986-1988) researching the safety and effectiveness of genetically altered recombinant beta-interferon in the treatment of high-grade malignant glial tumors, sponsored by the Comprehensive Cancer Center's neuro-oncology program, with funding from Triton Biosciences Inc.

On December 7, 1988, a catastrophic earthquake struck the then Soviet Socialist Republic of Armenia. Housepian became involved in the immediate disaster relief, liaising with the Soviet Consul, Armenian Ministry of Health, and the Archdiocese of the Armenian Church in New York. He worked closely with the Diocesan Fund for Armenia's Recovery (DFAR), later named Fund for Armenian Relief (FAR), to coordinate volunteers and the shipment of food, drugs, and other emergency medical supplies. By 2010, he was Vice Chairman for the FAR Board of Directors.

Due to his work in Armenia, Housepian became more involved in the fields of disaster medicine and global exchange. At the International Conference on Disaster Medicine (circa 1990), he proposed a universal labeling and logistics system for emergency relief supplies using a universally agreed pictorial labeling system, and the use of bar codes to identify package contents.

Housepian often traveled to Armenia's capital, Yerevan, and served as a mentor to Armenian students and professionals. After Armenia regained its independence from the Union of Soviet

Socialist Republics (USSR) on September 21, 1991, he spearheaded exchange programs for Armenian medical students and professionals. Armenian government healthcare reform resulted in the establishment of a western-style model teaching hospital and an overhaul of its nursing education. Later, exchange programs included the FAR-sponsored Continuing Medical Education (CME) program in post-graduate training, helping to transform Armenian medical training.

In 1992, he was awarded Armenian of the Year by the Diocese of the Armenian Church of America.

His other awards included the Ellis Island Medal of Honor (1994), Columbia University Alumni Medal for Distinguished Service (1997), honorary doctorates from the Academy of Sciences of Armenia and Yerevan State Medical University (1997), Humanitarian Award from the American Association of Neurological Surgeons (2002).

He retired from Neurosurgery in 1997, upon which time he was appointed Special Advisor for International Affiliations to Columbia's Vice-President for Health Sciences / Dean of the Faculty of Medicine, tapping into his experience in international relations in higher education.

In 2010, an endowed professorship of neurological surgery at Columbia was created in his name. He died at his home in New Jersey on November 14, 2014.

References:

Fund for Armenian Relief. *A Tribute to Dr. Edgar M. Housepian January 15, 2010*. New York City, NY: FAR, 2010.

"Interferon Holds Promise for Brain Cancer." *Onconews* 1, no. 1 (Summer 1988): 8.

Stidham, -. Lorraine, -. Clare Juddson Kagel, -. Jack STERN, and - Robert and Deanna Von Gutfeld. "Edgar Housepian's Obituary on The Record." *The Record*. Accessed October 17, 2016. <http://www.legacy.com/obituaries/northjersey/obituary.aspx?pid=173259262>.

Columbia University Appointments:

1956	Assistant in Neurological Surgery
1959-1960	Instructor in Neurological Surgery
1961-1963	Associate [not professor] in Neurological Surgery
1964-1966	Asst. Professor of Clinical Neurological Surgery
1967-1975	Associate Professor of Clinical Neurological Surgery
1976	Professor Clinical (Tenure)

Presbyterian Hospital Appointments:

Jul 1, 1955-Jun 30 1956	Assistant Resident in Neurological Surgery
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Jan 1, 1957-Jun 30, 1957	Assistant Resident in Neurology
Jul 1, 1957-Jun 30, 1959	Assistant Resident in Neurological Surgery
1959-1960	Assistant in Neurological Surgery
1961-1963	Assistant Attendant in Neurological Surgery
1964-1974	Associate Attendant Neurological Surgery
1975-1985	Attendant Neurological Surgery

Other Appointments:

Apr 1-Jun 30, 1956	Assistant Resident in Neurological Surgery, Delafield Hospital
Jul 1, 1959; Jan 1, 1960-1969	Assistant Visiting in Neurological Surgery, Delafield Hospital
Jul 1, 1964; Jan 1, 1965-1968	Consultant in Neurological Surgery, Harlem Hospital

SCOPE & CONTENT: The Housepian papers include correspondence in the form of letters and printed-out email, academic papers, book chapters, lectures, notes, newspaper and magazine clippings, articles, curricula vitae, inventories, grant applications, architectural plans, research proposals, conference proposals, presentations, agendas, fundraising records, medical instrument drawings and catalogs, reports, programs, agreements, photographs—including prints, slides, negatives and x-rays--and one video and film. Housepian often wrote notes on the front of folders. These were retained if providing information of historical, evidentiary value.

ARRANGEMENT/ORGANIZATION: This collection has been organized into six series: 1. Biographical and Personal; 2. Armenia; 3. Correspondence; 4. Professional; 5. Department of Neurological Surgery and Neurological Institute; 6. Office of International Affiliations.

SERIES I. BIOGRAPHICAL AND PERSONAL, 1956-2010

BOX 1

The smallest of all the series, it consists of correspondence, printed programs, writings, articles, clippings and other material relating to Housepian's family history, his Alumni Federation medal, Horace Mann School reunion, and subject files.

SERIES II. ARMENIA, 1975-2010

BOXES 1-8

Arranged into two subseries: Armenian Disaster Relief and Topics. The former includes materials documenting Housepian's work in disaster relief and the operation of the organizations involved with this task. Folder titles were maintained unless unclear and reflect Housepian's role. He marked some files by organization, such as the Diocesan Fund for Armenian Recovery (DFAR) and Fund for Armenian Relief (FAR), but correspondence and other documents stemming from these organizations may be found in other files. Those files relating to Armenia and the American-Armenian community not derived from the earthquake disaster relief effort, are arranged within the Topics subseries.

Subseries are as follows:

Sub-series 2.1: Armenia Disaster Relief, 1988-2010

Includes correspondence, inventories, agendas, faxes, phone messages, notes, drug and supply lists, press releases, and project reports between Housepian and the Armenian Ministry of Health, DFAR and FAR. Also includes news clippings regarding the earthquake and aftermath. This sub-series documents partnerships with hospitals in Yerevan coordinated by the American International Health Alliance with the U.S. Agency for International Development (AID); the Armenian government healthcare reforms to establish a western-style model teaching hospital; reform in nursing and other medical education in Armenia; donations to National Library of Armenia; and “Project Provide Hope”--an agreement between the U.S. government and the Diocese of the Armenian Church of North America by which the Diocese assumed responsibility for the distribution of emergency food and medical supplies provided to the Republic of Armenia. Other proposed programs include an exchange program “Armenia house” at Columbia University, the Joint Armenia – US Medical Education Conference, and Medical Fellowships.

Correspondents (1990s) includes former U.S. Ambassador to Syria and Israel, Edward Djerejian; Ara Babloyan, Minister of Health Care, Republic of Armenia; R. Ara Ter-Gregorian, Director of Foreign Relations for the Ministry; and Suren G. Zohrabian, Chief Neurosurgeon of Armenia.

Includes patient information and x-rays.

Sub-series 2.2: Topics, 1975-2010

Materials relating to the country of Armenia, its people, and Armenian-Americans not directly related to Housepian’s administrative roles at Columbia University, are arranged in this sub-series. Includes conference and committee proceedings, charity reports, intern programs; a directory; and correspondence--including professional and patient referrals.

SERIES III. CORRESPONDENCE, 1962-2010**BOXES 8-17**

Arranged into three sub-series as maintained by Housepian: Chronological, “Rabble” and Topical. Includes print-outs of email correspondence and letters. The bulk is Columbia University and Neurological Institute-related with professional and personal topics.

This series contains the following subseries:

Sub-series 3.1: Chronological, 1962-1968; 1994-2010

Correspondence, in the form of letters, memoranda, and printed-out email between Housepian; faculty, staff, and students at Columbia University and Presbyterian Hospital; other professional colleagues, friends and family; arranged chronologically with a gap from 1969 to 1993.

Sub-series 3.2: Rabble, 1970-2005

Correspondence labeled “Rabble” by Housepian, in the form of letters, memoranda, and printed-out email between Housepian; faculty, staff, and students at Columbia University

and Presbyterian Hospital; other professional colleagues, friends and family; arranged chronologically. Similar, but possibly less formal and “rabble-rousing” compared to the Chronological sub-series. Contains no apparent gaps.

Sub-series 3.3: A-Z, 1966-2009

Correspondence, in the form of letters and printed-out email, filed by topic or personal name.

SERIES IV. PROFESSIONAL, 1964-2010

BOXES 17-31

Arranged into four sub-series: General; Conferences and Professional Organizations; Papers, Lectures, and Book Chapters (the bulk of the series); and Visiting Professorships and Trips. Contains material relating to Housepian’s career and training not **directly** tied to his administrative roles at Columbia University nor Armenia-related.

Sub-series 4.1: General, 1964-2010

Articles and writings by others, notes, medical and malpractice insurance, personnel records, and materials documenting the aneurysm clip designed by Housepian, including technical drawings.

Sub-series 4.2: Conferences and Professional Organizations, 1960-2010

Conference programs, agendas, correspondence, invitations, photographic prints and negatives, reports, and other material relating to neurological societies and other medical conferences, such as the International Society of Disaster Medicine. Arranged alphabetically by society or conference title. The bulk stem from the American Academy of Neurological Surgery, with meetings arranged chronologically.

Sub-series 4.3: Papers, Lectures, and Book Chapters, 1953-2003

Drafts, typescripts, published articles, clinical research proposals, opening statements, academic papers and research proposals; abstracts and abstract proposals for presentations; lectures; book chapters; and book reviews; and includes photographic prints, slides, negatives and x-rays in this sub-series. Photographs often consist of illustrations accompanying academic papers or presentations. They have been removed and filed after the paper for preservation purposes. Topics often concern the orbital apex. Information includes the title, names of co-authors, and professional organization, often the American Association of Neurological Surgeons. They are arranged in rough chronological order, the original order maintained by Housepian. Includes his dissertation *Thalamic control of corticospinal neuron activity*, written as an unsuccessful candidate for the Doctor of Medical Science degree at Columbia University. Housepian is the assumed author for all writings in this sub-series, with co-authors listed. Some folders contain the same papers or titles, but were filed separately by place and time of presentation, or in abstract and proposed form.

Of note are lecture notes for thalamus-related courses held in the Soviet Union (1965).

Sub-series 4.4: Visiting Professorships and Trips, 1965-2010

Correspondence, notes, travel documents, brochures, and programs document Houspian's visiting professorships and other academic engagements overseas, arranged chronologically and beginning with his trip to the Soviet Academy of Sciences in Moscow and Yerevan, along with visits to Turkey (1965). Papers and lectures written by Housepian resulting from these engagements are found in the preceding sub-series with his other academic writings. The bulk date from the 1960s with one trip to India in 1981-1982 and Yerevan in 2010. Additional travel to Armenia that relates to the earthquake relief effort is found in the "Armenia" series.

SERIES V. DEPARTMENT OF NEUROLOGICAL SURGERY / NEUROLOGICAL INSTITUTE, CIRCA 1950-2009**BOXES 31-40**

Arranged into six sub-series: General; Clinical Research; Columbia-Presbyterian Physician Network; Courses; Facilities; and Faculty.

Sub-series 5.1: General, 1967-2009

Correspondence, memos, committee minutes, reports and other materials document the nursing shortage crisis at the Neurological Institute (1981-1985). In addition, contains the by-laws for the Department of Neurological Surgery (1972-1993); routine correspondence and announcements from College of Physicians and Surgeons Dean Gerald Fischbach (1989-2005); awards and memoranda; lecture expense; financial reports; and video abstracts. Includes criticism of the Dean's tax rate—fee charged to Neurological Institute physicians engaged in private practice for use of the facilities, as prescribed in the by-laws. Of note is a list of neurosurgical nomenclature for data processing (1968).

Sub-series 5.2: Clinical Research, circa 1950-1990s

Grant applications, research proposals, academic papers, articles and research literature, correspondence, reports, stereotaxic apparatus catalogs and price lists, and photographic prints and slides document clinical research and, more specifically, the work of the Clinical Cancer Research Center. Contains surgical photographs identified by patient (1970s-1990s).

Sub-series 5.3: Columbia Presbyterian Physician Network, 1989-1996

Board of Directors agreements, correspondence, and policies for entity managing participating Presbyterian physicians. Of note is the standard fee schedule to apply for various procedures (1989-1996).

Sub-series 5.4: Courses, circa 1995-2008

Expense reports, institutional and student rosters, printed brochures and programs, and correspondence document the annual post-graduate review course in Basic and Clinical Neuroscience (PM1), also known as post-graduate medicine course, with one course in

translational neuroscience. Includes correspondence documenting efforts in providing online courses through Digital Knowledge Ventures (DKV).

Sub-series 5.5: Facilities, 1963-2008

Contains architectural plans for renovations of the 4th floor, 10th floor, operating rooms, and waiting rooms for the Neurological Institute. Also includes some black-and-white photographs of surgical and x-ray equipment. Includes correspondence and plans regarding funds (1963-1979) for operating room renovations and grant applications for a proposed national medical audio-visual center (1970-1976).

Sub-series 5.6: Faculty, 1979-2010

This sub-series contains correspondence, programs, obituaries, clippings and biographical information for select faculty memorials and memorial funds, professorships, and their biographical files.

SERIES VI. OFFICE OF INTERNATIONAL AFFILIATIONS, 1984-2010

Box 40-45

This series contains files stemming from Housepian's role as Special Advisor in the Office of International Affiliations, within the Office of Columbia's Executive Vice President for Health and Biomedical Sciences and Dean of the Faculty of Medicine. Includes formal affiliation agreements between Columbia University and foreign schools of medicine, establishing an exchange policy for students at these institutions. The bulk of the agreements are with the College of Physicians and Surgeons, but some are with the College of Dental Medicine, School of Nursing, or Columbia University Health Sciences. Relationships that did not result in a formal agreement are arranged as "proposals," "meetings," or "visits."

LANGUAGE: In English, Armenian, and Russian.

ACCESS: Because the papers include Confidential Health Information (CHI) as defined by Columbia University policies governing data security and privacy, access is allowed only under the terms of Archives and Special Collections' [Access Policy to Records Containing Confidential Health Information](#).

Columbia University records are closed to researchers for 25 years from date of creation. Film, video and floppy disk formats are restricted until creation of preservation copies.

Access to other records may be closed or restricted due to state and federal regulations. Professional referrals and personnel records are restricted for 25 years from date of death.

Folders specifically closed for 25 years from date of death:

Sub-series 2.1: Armenian Disaster Relief, 1988-2010

Box 3 folder 18

Box 7 folders 13, 16

Box 8 folders 3-4, 8-10, 12, 19-20, 22

Folders specifically closed for 25 years from date of creation:

Sub-series 5.1: General, 1967-2009

Box 31 folders 11-12

Box 32 folders 1-3, 7-9, 11

Sub-series 5.3: Columbia Presbyterian Physician Network, 1989-1996

Box 37 folders 1-15

Box 38 folders 1-7

Sub-series 5.6: Faculty, 1979-2010

Box 39 folders 5-14

Box 40 folders 2-3

Series VI: Office of International Affiliations

Box 40 folders 4-12

Box 41 folders 1-18

Box 42 folders 1-17

Box 43 folders 1-30

Box 44 folders 1-20

Box 45 folders 1-30

Box 47 folder 2

RELATED COLLECTIONS: Additional records relating to this topic can be found in the Department of Neurology Records, 1925-2000; the Office of the Vice President for Health Sciences/Dean of the Faculty of Medicine records (Bendixen), 1978-1993 (bulk 1985-1990); and the Office of the Vice President for Health Sciences / Dean of the Faculty of Medicine Central Records, 1883-2003 (bulk 1900-1993).

PROVENANCE: Gift of Edgar Housepian (accessions #2010.07.20 and #2011.014).

PROCESSING NOTE: Processed by Jennifer Ulrich, October 2016. Folder titles were kept unless unclear or inconsistent. Materials were rehoused into new folders. The front and/or back of old folders were trimmed and retained if containing information. Due to preservation needs, photographic material was separated from folders, but arranged immediately following its original file.

NAMES

Housepian, Edgar M.

Columbia University. Office of the Vice-President for Health Sciences and Dean.

Columbia University. Comprehensive Cancer Center.

Columbia University. Department of Neurological Surgery.

Fund for Armenian Relief.

Neurological Institute of New York.

Society of Neurological Surgeons.

SUBJECTS

Armenian Americans.
Disaster medicine – Congresses.
Earthquake relief – Armenia.
Education, Nursing – Armenia.
Emergency Medicine – Armenia.
Medical students – Armenia.
Medical students, Foreign – United States.
Medicine – Study and teaching – Armenia (Republic) – 20th century.
Medicine – Societies, etc.
Medicine – Study and teaching.
Neurology – New York (State) – New York.
Neurology – Congresses.
Neurosurgery.
Student exchange programs – Armenia.
Surgical instruments and apparatus.
Surgical Instruments.
Surgical Procedures, Operative.
Spitak (Armenia) – Earthquake, 1988.

GENRE/FORM

Black-and-white photographs.
Black-and-white slides.
Color photographs.
Color slides.
Compilation films.
Conference papers and proceedings.
Floor plans.
Video recordings.

20 cubic feet (47 boxes + 1 film reel, 1 u-matic tape, 2 cassette tapes, 1 floppy disk)

Container List

Box Folder Title

Series: Biographical & Personal, 1956-2010

1	1	Alumni Federation Medal, 1996
1	2	Arbitration panel member, Board of Education, New York City, 1978
1	3	Class of 1953 fiftieth reunion program, College of Physicians and Surgeons, 2003
1	4	Family history "It must be in the genes," 1989, 2001-2002
1	5	Family history: Genealogy and tribute, compiled 2010
1	6	Horace Mann School: Class of 1946, 1995-1996
1	8	Tribute, Fund for Armenian Relief (FAR), 2010
1	9	Subject file: Foreign Legion and CIA, 1981-2004
47	1	Subject file: Foreign Legion and CIA, 1981-2004
1	10	Subject file: Story Musgrave clippings, 1982-1983, 2010

Series: Armenia, 1975-2010

Sub-series 2.1: Armenian Disaster Relief, 1988-2010

1	11	Armenia House proposal, 1989-1990
1	12	Bejian, Richard: message, 1997
1	13	Clippings, 1988-1989
2	1	Clippings and press releases, 1988-1989
2	2	Clippings <i>New York times</i> : earthquake, 1988
2	3-4	Correspondence, 1989
2	5	Correspondence, 1989-1990
2	6	Correspondence: Armenian Soviet Socialist Republic (SSR) and USSR, 1989-1990
2	7	Armenian Emergency mission, 1988 December 8
2	8	Djeredjian, Edward (Ambassador), 1995
2	9	"Fact finding mission to Armenia" report, 1989
2	10	Diocesan Assembly speech, Boca Raton, 1992 May 2
2	11	Diocesan Fund for Armenian Recovery (DFAR): food and health emergency, Yerevan trip, 1992
2	12	DFAR food and health emergency, Yerevan trip correspondence, 1992
3	1	DFAR Visiting Professor Program, 1989-1991
3	2	Food and health emergency, Yerevan trip reports, 1992
3	3	Fund for Armenian Relief (FAR): general, 2006-2008
3	4	FAR: Annual report, 2001
3	5	FAR: Armenian Medical World Congress (AMWC), 2009

3	6	FAR: Anoush Mathevosian
3	7	FAR: Board, Executive Committee, 2005-2006
3	8	FAR: Board, strategic planning, 2007 April
3	9	FAR: Board, Yerevan tour, 2007
3	10	FAR: Children's Center, 2009
3	11	FAR: Continuing Medical Education (CME) Program, 2006-2008
3	12	FAR: Continuing Medical Education (CME) Program, 2009 July
3	13	FAR: event fundraiser, 2009
3	14	FAR: Fellowship Alumni Association, 2009
3	15	FAR: Fellowship Alumni Association (FAR) Salzburg Seminars, 2010
3	16	FAR: Kevork Hovnanian tribute, 2006
3	17	FAR: Merck clinical trials in Armenia, 2007-2009
3	18	FAR: personnel, 1995 [CLOSED]
3	19	FAR: twentieth anniversary event, 2009
3	20	FAR: twentieth anniversary event speech, 2009-2010
4	1	FAR: twentieth anniversary event, 2008-2009
4	2	Health reports: Armenia, 1993
4	3	Kezirian, Guy: Armenian Ophthalmic expedition, 1989-1990
4	4	National Medical Library: video donations, 1994-1996
4	5	New York State Department of Health delegation trip, 1994
4	6	McIntyre, Mike: Center for Plastic and Reconstructive Surgery, 1992
46	1	Medical Fellowship Program, Ministry of Health, Armenia SSR and USSR, 1989-1990
4	7	Medical Fellowship Program, Ministry of Health, Armenia SSR and USSR, 1989-1990
4	8	Medical Literature Project, 1989
4	9	Ministry of Health, Armenia and New York State Department of Health, 1995
4	10	Ministry of Health, Armenia: New York visit, 1995
4	11	Ministry of Health, Armenia: visit, 1991 June
4	12	Ministry of Health, Armenia: correspondence: Ara Babloyan, 1991-1996
4	13	Ministry of Health, Armenia: correspondence: Ara Ter-Gregorian, 1992-1996
5	1	Ministry of Health, Armenia: correspondence: Ara Ter-Gregorian, 1992-1996
5	2	Ministry of Health: Joint Armenia-US Medical Education Conference, 1990-1991
5	3	Ministry of Health: Luncheon for Ara Babloyan and R. Ara Ter-Gregorian, 1993 June
5	4	Model teaching hospital, 1991-1992
5	5	Model teaching hospital, 1992
5	6	Nursing curriculum, 1991
5	7	Nursing education, 1990-1991
5	8	Nursing and other programs, 1990-1991
5	9	Pharmenia proposal, 1993-1994
5	10	Papoian, Simon: Correspondence, 1995
5	11	Proposed programs, 1995-1996
46	2	Requests for medical help, 1990-1996
5	12	Supplies and drugs shipped, FAR logistics, 1988-1995

5	13	Supplies and drugs shipped, FAR logistics, 1988-1995
6	1	Supplies: anesthesia, 1993-1997
		Supplies: anesthesia, 1993-1997
6	2	Supplies inventory, Diocesan Fund for Armenia's Recovery (DFAR), 1992-1993
6	3	Supplies ordered, DFAR, 1992
6	4-5	Supplies: Presbyterian Hospital donations, 1996
6	6	Supplies: Project Provide Hope, Department of Defense, 1992
9	7	Supplies: request for equipment, 1989-1992
46	3	Supplies: request for equipment, 1989-1992
6	8	Supplies: transferred to Housepian from Presbyterian Hospital, 1993
6	9	Surgical mission: Armenian casualties, 1992
6	10	Surgical mission: notes, 1993
6	11	United States Department of State, 1990-1991
6	12	United States Agency for International Development, 1992-1994
6	13	Vartanian, Marat: National Mental Health Research Center, Moscow, 1989-1993
6	14	Volunteers, FAR, 2009
6	15	Zohrablian, S.G., Chief Neurosurgeon of Armenia, 1995

Sub-series 2.2: Topics, 1975-2010

7	1	American Transplant Congress Yerevan, 2009
7	2	American University of Armenia visit, 2010
7	3	"Arabkir" United Children's Charity Foundation reports, 2008
7	4	Armenian General Benevolent Union (AGBU) Summer Intern Program, 1997-2003
7	5-6	Armenian genocide, 1975-2007
7	7	Armenian Genocide Denial Conference, 2006
7	8	Armenia government reorganization, 1995
7	9	<i>Armenian international magazine</i> (AIM) advertisement, 2001
7	10	Armenian Medical International Committee, 2007-2008
7	11	Armenian Medical World Congress (AMWC) and other organizations, 2009
7	12	Armenian National Science and Education Fund (ANSEF) Board, 2006-2007
7	13	A., A.: due diligence proposal, 2006 [CLOSED]
7	14	AUA Development Office, 2008
7	15	A., V.: patient referral, 2006 [CLOSED]
7	16	B., A.: professional referral, 2008 [CLOSED]
7	17	Directory, Armenians, 2006 June
8	1	Dorian, Anita, UCLA Center for Public Health and Disasters, 2007
8	2	Faculty of Physician Scientists (FPS) correspondence, 2010
8	3	G., H.: professional referral, 2010 [CLOSED]
8	4	G., T.: professional referral, 2008 [CLOSED]
8	5	Hovnanian, Kevork: Armenian American Health Professionals Organization tribute, 1999-2004
8	6	Hovnanian, Kevork: correspondence, 1990-2002
8	7	Hovnanian, Kevork tribute, 1993-2009
8	8	I., H.: professional referral, 2007 [CLOSED]
8	9	K., A.: professional referral, 2010 [CLOSED]

8	10	K., A.: curriculum vitae, circa 2007 [CLOSED]
8	11	K., A.: patient referral, 2007
8	12	K., G.: Columbia University visit, 2007 March 5 [CLOSED]
8	13	National Academy of Sciences, Armenia, 2007
8	14	Project Discovery, 2007-2008
8	15	Project Save: Armenian Photograph Archives, 2009
8	16	Research on Armenian Architecture, 2007
8	17	S., A.: patient referral, 2006
8	18	Sarkissyan, John: article preface, 2006
8	19	S., S.: professional referral, 2009 [CLOSED]
8	20	T., A.: professional referral, 2007-2008 [CLOSED]
8	21	Traumatologists and orthopedists of the Republic of Armenia 5 th Congress, Yerevan and Tsakhkadzor, held 2010 October 1-3
8	22	V., K.: professional referral, 2005 [CLOSED]
8	23	V., Z.: x-rays, 1994
8	24	Yerevan State Medical University trip, 2010 October 3-11
8	25	Yerevan State Medical University, Congress of Neurological Surgeons? 2010 October 6-8

Series: Correspondence, 1962-2010

Sub-series 3.1: Chronological, 1962-1968; 1994-2010

8	26	1960 May-1962 June
8	27	1962 July-December
9	1-6	1963-1965
10	1-6	1966-1968
11	1-5	1994 June-1995
12	1-6	1996-2000
13	1-8	2001-2009
14	1	2010

Sub-series 3.2: Rabble, 1970-2005

14	2	1970-1990
15	1-8	1991-1998
16	1-5	1999-2005

Sub-series 3.3: A-Z , 1966-2009

16	6	Columbia Lions figurines, 1999-2005
16	7	General Electric CT scanner (proposed), 2009
16	8	Gillingham, John, 1966-1969
16	9	Goelet, John, 1981-1985
16	10	Hanson, Rick, 1996
16	11	Knickerbocker Country Club, 1991-2009
16	12	Leica Neurosurgica microscope, 2007
16	13	Lindsay, Lt. Colonel Samuel McGune, II (regarding), 2008

16	14	Lynn, Freedman, 2008
17	1	McCord, Colin, 2006-2008
17	2	Musgrave, Story (regarding), 1994-1997
17	3	Solarz, Stephen (regarding), 1994
17	4	Stein, Bennet, 1983-1996
17	5	Torricelli, Robert G., 1989-1993
17	6	Turner, John W., 1968-1969
17	7	United States Naval Institute, 1996-1997
17	8-9	United States Navy, 1983-1989
17	10	Wilson, Charlie, 2007

Series: Professional, 1953-2010

Sub-series 4.1: General, 1964-2010

17	11	Aneurysm clip and application, 1964-1984, 1996
46	8	Aneurysm clip and application, 1964-1984, 1996
17	12	Article: "3-D surgery: doctors can kill pain forever!" Confidential
17	13	Articles and other writings by others, circa 1990s-2010
17	14	Chu Huai Chang biographical and personnel file, 1992-2010
17	15	Claims Review Committee, Medical Library Mutual Insurance Company, 1980
18	1	Disaster Medicine: Eric Noji syllabi, 1994
18	2	Ethicon clips, 1984
18	3	Faculty medical malpractice indemnity program, 1984-1987
18	4	History of the College of Physicians and Surgeons notes, 1968
18	5	Length of stay at Presbyterian Hospital, Housepian patients, 1996
18	6	Medical Center Insurance Company, 1981-1984
18	7	Medical instruments, 1987
18	8-9	National Ethnic Coalition of Organizations (NECO): Ellis Island Medal of Honor, 1994-2003
1	7	Notebook: Neurosurgery, 1956
18	10	Office of United States Foreign Disaster Assistance (OFDA), Barcode and SUMA software, 1994-1995 [includes disc]
18	11	Personnel: Continuing Medical Education, 2005-2008
47		Videorecording: "Farfaglia - Leanard - House, Open Heart," u-matic master videocassette, 1972 November 3
47		Film: "Dr. E.M. Housepian / Bowman, Elective circulatory arrest," 16mm, 1972 October 3

Sub-series 4.2: Conferences and professional organizations, 1960-2010

		American Academy of Neurological Surgery (AANS):
18	12	Pasadena, 1973 November 14-17
18	13	Bermuda, 1974 November 6-9
18	14	Hawaii, 1977 November 2-7
18	15	New York City, 1980 October 2-5
18	16	Pebble Beach, 1983 October 23-26

18	17	Houston, 1985 October 27-30
18	18	Boston, 1993
18	19	Sea Isle, Georgia, 1994 October 2-5
19	1	Orlando, 1995 April 25
19	2	Chicago, 2002 April 4-8
19	3	Sections on pain, 1987
19	4	American Epilepsy Society, 1977
19	5	American Pain Society, 1977-1982
19	6	American Society for Stereotactic and Functional Neurosurgery, 1971-1987
19	7	Congress of Neurological Surgeons: orbital tumors, 1996
19	8-12	Frank Walsh Society: Papers and slides, 1975-1983
19	13	Harvey Cushing Society: St. Louis, 1966
19	14	Indianner Club, 1967
19	15	International Association for Humanitarian Medicine, 2000
19	16	International Association for the Study of Pain, 1975-1976
19	17	International Conference on Disaster Medicine: Soviet Ministry of Public Health, Moscow, 1990 May 22-23 [has b&w 120mm negs]
19	18	International Congresses, 1960-1961
19	19	International Congress of Neurological Surgery, 1969 September 20-27
46	6	International Congress of Neurological Surgery, New Delhi, 1989 October 8-13
19	20	International Neurological Institute: Hanover, 2010 July 20-25
19	21	International Society for Research in Stereoecephalotomy, 1968-1974
19	22	International Society of Disaster Medicine, 1994-2001
19	23	International Symposium on Stereoecephalotomy, 1960-1961
20	1	Laser Association of Neurological Surgeons International (LANSI)
20	2	National Academy of Science, United States, 2000
20	3	National Neurofibromatosis Foundation, Inc., 1978-1980
20	4	Neuro-ophthalmic Pathology Club and Frank B. Walsh Society, 1979-1986
20	5	New York Neurological Society, 1969-1970
20	6	New York [State] Neurological Society: President's report, 1977, 1993
20	7	New York Society of Neurosurgery, 1980-1981
20	8	New York Society of Neurosurgery: Elsberg lectures, 1981-1983
20	9	Orbital Society, 1981
20	10	Research Society of Neurological Surgeons, 1988-2000
20	11	Society of International Humanitarian Surgeons, 2008-2009
20	12	United Nations Department of Public Information (DPI) Non-Governmental Organizations (NGO) Annual Conference, 2007 September 5-7
20	13	World Congress on Emergency and Disaster Medicine: Stockholm, 1993 June 20-23
20	14	World Federation of Neurological Societies: New Delhi, 1989
20	15	World Federation of Neurosurgical Societies: Disaster Medicine, 1997-2002
21	1	World Federation of Neurosurgical Societies: Disaster Response Committee, 2008-2009
21	2	World Federation of Neurosurgical Societies: Boston, 2009 September

21 3 World Federation of Neurosurgical Societies, 1961

Sub-series 4.3: Papers, lectures, book chapters, 1953-2003

- 21 4 Intercranial neoplasms: thalamic
- 21 5 Dissertation: Thalamic control of corticospinal neuron activity, 1953
- 21 6 "Spatial relationships between the globus pallidus and the anterior commissure," M. Carpenter, co-authors, 1956-1957
- 21 7 "A tracheal Hocker Valve," 1959
- 21 8 "Temporary clip occlusion of major cerebral arteries during intracranial aneurysm surgery," J. Lawrence Pool, co-author, circa 1959
- 21 9 Aphasia related papers, 1960
- 21 10 "Behavioural and electrophysiological studies of the Human Thalamus," New York Neurological Society and the Neurological Institute, 1963 February 12
- 21 11 Parkinson research: 1964-1968, Department of Neurological Surgery
- 21 12 Pain, Association of Operating Room Nurses, 1965 February 9 [has photos]
- 21 13 Soviet Academy of Sciences, Moscow and Yerevan trip, opening remarks, 1965
- 21 14 Soviet Academy of Sciences Moscow and Yerevan trip, lecture unit studies 1 and 3, 1965
- 21 15 Thalamus: Clinical Electrophysiology 1, USSR, 1965
- 21 16 Thalamus: Basic Physiology 1, USSR, 1965
- 21 17 Thalamus: Basic Physiology 2, USSR, 1965
- 21 18 Armenian church speech, 1965 April
- 21 19 Clinical research proposals, 1965-1967
- 21 20 *Developments in the field of surgical treatment of human dyskinesias survey of literature 1965-1967*, Parkinson Information Center, Columbia University
- 21 21 "Clinical and electrophysiological studies of the human thalamus," 1966
- 21 22 "Elective circulatory arrest in intracranial surgery," F. Bowman and A. Gissen co-authors, Journal of Neurosurgery, 1966
- 21 23 "Elective circulatory arrest in intracranial surgery..." F. Bowman and A. Gissen, co-authors, 1967
- 21 24 "Papilloma of the choroid plexus," 1967
- 21 25 "Synaptic changes in Pick's disease (correlated histochemical and electron microscope studies), New York State Psychiatric and Neurological Institutes, 1967
- 22 1 "Arteriovenous malformations of the spinal cord," American College of Surgeons, 1967 February
- 22 2 "Elective circulatory arrest in the treatment of an aneurysm of the basilar artery and an occipital avm." New York Neurosurgical Society, 1967 February 21
- 22 3 "The transcranial frontal approach to the orbit," discussion, Harvey Cushing Society, 1967 April.
- 22 4 "The diagnosis and treatment of intramedullary cystic lesions of the conus medullaris," circa 1968
- 22 5 "Intramedullary cystic lesions of the conus medullaris" *Journal of Neurology, Neurosurgery and Psychiatry*, 1968
- 22 6 "Notes on the occasion of the bicentennial of the founding of Columbia University, College of Physicians and Surgeons," Edinburgh, 1968

22 7 Papilloma of the choroid plexus" Edinburgh, 1968
 22 8 Review "Atlas d'anatomie stereotaxique du telencephale," 1968
 22 9 Optic Glioma: photographs, 1968?
 22 10 "Principles of management of the post-anoxic patient," 1968?
 22 11 "Transcranial frontal approach to the orbit," American College of Surgeons, 1968
 March 11
 22 12 "Unilateral optic nerve gliomas: intracranial and intraorbital removal with
 preservation of the eye," American Association of Neurological Surgeons, 1968
 22 13 "Surgery at the orbital apex: current problems in the management of ocular tumors,"
 Institute of Ophthalmology, 1968 April 19
 22 14 "Arteriovenous malformations of the spinal cord," University of Edinburgh, 1968
 22 15 Slides: "Arteriovenous malformations of the spinal cord," University of Edinburgh,
 1968 July
 22 16 "Transcranial surgery for orbital tumors," Royal College of Surgeons, Edinburgh,
 1968 July
 22 17 "Unilateral optic nerve gliomas," University of Edinburgh, 1968 July
 22 18 *Neurological surgery* contributions, 1968-1975
 22 19 Circulatory arrest #2, 1969?
 22 20 X-rays: Circulatory arrest #2, 1969?
 22 21 Cysticercosis, 1969
 22 22 Slides: Cysticercosis, 1969
 22 23 Dystonia lectures, 1969
 23 1 "Elective circulatory arrest during neurosurgery for basilar aneurysms," Journal of
 the American Medical Association, 1969
 23 2 Hemangiopericytoma of the central nervous system," M. Grode, co-author, 1969
 23 3 Review for *Archives of neurology* , 1969
 23 4 Review: *Central pain: a neurological survey* by V. Cassinari and C. Pagni, 1969
 23 5 The neurophysiological aspects of intracranial hypertension, Basic Science Seminar,
 United States Navy Hospital, 1969 April 15
 23 6 "Operative staging as an index to survival in cerebellar medulloblastoma," Fourth
 International Congress of Neurological Surgeons, 1969 September
 23 7 "Hemangiopericytoma of the central nervous system," M. Grode co-author. *Journal*
of neurology, neurosurgery and psychiatry , 1969 October [has photos]
 23 8 "An operative staging system and a megavoltage radiotherapeutic technic for
 cerebellar medulloblastomas," C. Chang and C. Herbert, co-authors, *Radiology* ,
 23 9 "Surgical treatment of unilateral optic nerve gliomas," *Journal of Neurosurgery* : 31,
 1969 December [has photos]
 23 10 Lumbar joint, 1969-1981
 23 11 Slides: Lumbar joint, 1969-1980
 23 12 Mycotic aneurysm talk, 1970 January
 23 13 Review: *Clinical surgery* Volume 16 *Neurosurgery* , edited by F. Gillingham, 1970
 September 15
 23 14 "Trauma to the skull and orbit," Clinical Symposium on Trauma, Institute of
 Ophthalmology, 1970 November
 23 15 "Surgical treatment of unilateral optic nerve glioma," *Yearbook of cancer* , 1970
 November [has photos]

23	16	“Obstructive hydrocephalus and optic glioma in childhood,” European Society for Pediatric Neurosurgery, 1970 November 19
23	17	Slides: S.A.H., circa 1971
23	18	Review: <i>Stereotaxis and radiosurgery: an operative system. Archives of neurology</i> 25, 1971 December
23	19	Papers revised for the Journal of the American Medical Association, 1971-1972
23	20	<i>Lewis</i> text (orbital tumors), 1971-1978
23	21	Slides and other photographs: <i>Lewis</i> text (orbital tumors, 1971-1978
23	22	“Back pain, lumbar disc and the posterior spinal articulations (surgical evidence of lumbar ‘instability’)” American Association of Neurological Surgeons, 1972 April
23	23	“Preliminary report on the results of treatment of glioblastoma and metastatic brain tumor with nitrosoureas,” American Association of Neurological Surgeons, 1972 April
23	24	Abstract: Suboccipital microsurgical treatment for Tic Douleroux produced by an “occult” tentorial meningioma, Symposium on Microsurgery, 1972 October 5-20
23	25	“Suboccipital microsurgical treatment for tic douleroux produced by an ‘occult’ tentorial meningioma,” Symposium on Microsurgery, 1972 October 16
23	26	Abstract: Microsurgical anatomy of the orbital apex, Symposium on Microsurgery, 1972 October
24	1	Slides: Symposium on Microsurgery, 1972 October 16
24	2	Low back pain, 1973
24	3	Slides: Low back pain, 1973
24	4	Abstract: Treatment of glioblastoma with nitrosoureas, New York [Neurosurgery?] Society, 1973?
24	5	“Clinical and laboratory studies on the effects of nitrosoureas in treatment of primary glioblastoma,” Fifth International Congress of Neurological Surgery, 1973
24	6	Abstract: Back pain, lumbar disc and the posterior spinal articulations, Fifth International Congress of Neurological Surgery, 1973 October 7-12
24	7	Abstract: Neurosurgical treatment for tumors of the orbital apex, Fifth International Congress of Neurological Surgeons, 1973 October 7-12
24	8	Neurosurgical treatment for tumors at the orbital apex, Fifth International Congress of Neurological Surgery, 1973 October 12
24	9	“Diagnosis and treatment of orbital tumors,” Seminar Neurological Institute, 1973 November
24	10	Proposed presentation: Microsurgical anatomy of the orbital apex, American Academy of Neurological Surgery, 1973 November 14-17
24	11	Neurological treatment of tumors of the orbital apex, Washington Hospital Center, 1973 December 1
24	12	“Neurosurgical approaches to lesions of the orbital apex,” Washington Hospital Center, 1973 December 1
24	13	“Orbital tumors – incidence and diagnosis,” D. Quest co-author, <i>Journal of neurosurgical sciences</i> , 1974
24	14	“Treatment of primary and recurrent malignant astrocytomas with BCNU, CCNU, or MeCCNU,” 1974

24	15	Aneurysmal bone cyst, 1974?
24	16	Lecture to PREP students, Armenian students' Association of America, Inc., 1974 January 25
24	17	Slides: Lecture to PREP students, Armenian students' Association of America, Inc., 1974 January 25
24	18	Abstract: Nitrosourea therapy for malignant astrocytoma, American Association of Neurological Surgeons, 1974 April
24	19	"Surgical treatment of basilar artery aneurysms," J. McMurtry, F. Bowman, and R. Matteo, co-authors, <i>Journal of neurosurgery</i> , 40, 1974 April
24	20	"Videotape monitoring of microscopic neurosurgical procedures," W. Unger, T. Scarff, W. Thompson, and L. Dukore co-authors, 1974 April
24	21	"Definition and treatment of orbital meningiomas," American Association of Neurological Surgeons, 1974 April 21-25
24	22	"Experience with elective circulatory arrest via thoracotomy..." J. McMurtry, F. Bowman, R. Matteo, and H. Khambatta co-authors, American Association of Neurological Surgeons, 1974 April 23
24	23	"Microsurgical anatomy of the orbital apex," Microsurgical course, University of Florida, 1974 May 10
24	24	"Hyperbaric oxygen and radiation therapy for malignant gliomas," C. Chang, D. Sciarra and C. Herbert co-authors, offprint, 1975
24	25	X-rays: "The empty sella syndrome as a complication of benign intracranial hypertension" L.A. Weisberg and D.P. Saur co-authors, <i>Journal of neurosurgery</i> , 43, 1975
24	26	Abstract: Factors influencing survival and cure in medulloblastoma, by Donal Quest. American Association of neurological Surgeons, 1975 January 10
24	27	Memorial service for Ernest H. Wood, 1975 March 20
24	28	Surgical anatomy and surgery for tumors of the orbital apex, Radiology of the Eye course, Presbyterian Hospital, 1975 March 22
24	29	Neuro-ophthalmological Seminar Symposium on the Orbit, Recent advances in diagnossi and therapy, Neurosurgical Orbital Surgery, AANS, 1975 April 7
24	30	"The empty sella syndrome as complication of benign intracranial hypertension," L. Weisberg and D. Saur co-authors. <i>Journal of neurosurgery</i> , 43, 1975 August
24	31	Neurological orbital surgery, Luncheon Seminar, Congress of Neurosurgeons, 1975 October 21
24	32	"Transsphenoidal surgery for hypersecreting tumors of the anterior lobe," R. Hui, D. Holub, and A.G. Frantz co-authors, Madras Neurological Institute, 1975 November
24	33	"Prolactin secreting pituitary tumors," Antunes, Frantz, Holub, Hui, Carmel, and Quest co-authors, American Association of Neurological Surgeons, 1976 April
24	34	Breakfast Seminar: Diagnosis and management of optic glioma, American Association of Neurological Surgeons, 1976
46	4	"Tumors of the orbit" chapter, W.B. Suanders Company revision, 1976
24	35	Photographs: "Tumors of the orbit" chapter, W.B. Saunders Company revision,
24	36	"Optic gliomas of multicentric origin with favorable response to radiotherapy," A.M. Chutorian and S. Hilal co-authors, American Neurological Association, 1976
24	37	"Adjuvant nitrosourea therapy for glioblastoma," Brisman, Chang, Duffy, and Balis co-authors, <i>Archives of neurology</i> 33, 1976 November

- 25 1 “Sequential scans (CT and radioisotope) in glioblastoma,” R. Brisman, E.B. Schlesinger, and S. Hilal co-authors, New York State Neurosurgical Society, 1976 November
- 25 2 “Management and results in 114 cases of optic glioma” American Academy of Neurological Surgery, 1976 November 11
- 25 3 Slides: “Management and results in 114 cases of optic glioma” American Academy of Neurological Surgery, 1976 November 11
- 25 4 Chapter: “Intraorbital tumors,” *Current techniques of operative neurosurgery*, edited by Schmidek and Sweet, 1976-1986
- 25 5 “Medulloblastoma: factors influencing survival and cure,” Quest, Brisman, and Antunes co-authors, American Association of Neurological Surgeons, 1977
- 25 6 “Pituitary portal blood collection during transsphenoidal surgery...” Antunes, Carmel, and Fein co-authors, American Association of Neurological Surgeons, 1977
- 25 7 Neurological surgery of the orbit, New York University? 1977 April 20
- 25 8 Breakfast seminar: Advances in Neuro-ophthalmology panel, American Association of Neurological Surgeons, 1977 April 25
- 25 9 Discussion of “Microanatomy of the optic canal,” American Association of Neurological Surgeons, 1977 April 27
- 25 10 “Prolactin-secreting pituitary tumors,” Antunes, Frantz, Holub, Hui, Carmel, and Quest, co-authors *Annals of neurology*, 2: 2, 1977 August
- 25 11 “Orbital tumors,” Congress of Neurological Surgeons, 1977 October 13
- 25 12 “Microsurgical anatomy of the orbital apex and principles of transcranial orbital exploration,” *Clinical neurosurgery*, 1978
- 25 13 Photographs: “Microsurgical anatomy of the orbital apex and principles of transcranial orbital exploration,” *Clinical neurosurgery*, 1978
- 25 14 “The specificity of serum prolactin as a diagnostic indicator of pituitary adenoma,” Balagura, Frantz, Carmel, co-authors, 1978
- 25 15 Breakfast seminar, American Association of Neurological Surgeons, 1978 April 24
- 25 16 “Luteinizing hormone-releasing hormone in human pituitary blood,” Antunes, Carmel, and Ferin, co-authors, *Journal of Neurosurgery*, 1978 September
- 25 17 “Neurofibromatosis and optic glioma,” American Association of Neurological Surgery, 1978
- 25 18 Breakfast seminar: Surgical approaches to the orbit, American Association of Neurological Surgeons, 1978 April 24
- 25 19 Symposium: The prominent or painful eye, American Association of Neurological Surgeons, 1978 April 26
- 25 20 Symposium: Tumors of the central nervous system, Berkshire Medical Center, 1978 October 28
- 25 21 Abstract: Optic nerve glioma in neurofibromatosis, Association for Research in Vision and Ophthalmology (ARVO), 1979
- 25 22 “Neurofibromatosis and optic glioma: clinical and morphological correlations,” Stern and DiGiacinto, co-authors, *Neurosurgery* 4.6, 1979
- 25 23 Photographs: “Neurofibromatosis and optic glioma: clinical and morphological correlations,” Stern and DiGiacinto, co-authors, *Neurosurgery* 4.6, 1979
- 25 24 “Tumors of the orbit,” *Practice of surgery*, 1979

25	25	Photographs: "Tumors of the orbit," <i>Practice of surgery</i> , 1979
25	26	Breakfast seminar: #29 Radiological and diagnostic aspects of neuro-ophthalmology, American Association of Neurosurgeons, 1979 April 25-26
26	1	"Role of neurosurgery in the management of supratentorial gliomas," Symposium, College of Physicians and Surgeons, 1979 May 23
26	2	Photographs: "Role of neurosurgery in the management of supratentorial gliomas," Symposium, College of Physicians and Surgeons, 1979 May 23
26	3	Book review: Acoustic tumors by House and Luetje, <i>Neurology</i> : 29, 1979 October
26	4	"The architecture of optic nerve gliomas: clinico-pathologic correlations," Stern and Jakobiec, co-authors, 1979-1980
26	5	Transsphenoidal approach for the treatment of pituitary adenomas," chapter, 1979-1980
26	6	Chapter: Transcranial orbitotomy, Academy of Ophthalmology manual, 1979-1988
26	7	<i>Contemporary neurosurgery</i> , 1980
26	8	Editorial: <i>Newsletter of the research program in ethics & values in health care</i> , Columbia University, 1980 February
26	9	Abstract: Instability and the lumbar disc, American Association of Neurological Surgeons, 1980 April
26	10	Slides: Abstract: Instability and the lumbar disc, American Association of Neurological Surgeons, 1980 April
26	11	Return of menses and prolactin levels following transsphenoidal surgery," Cogen and Holub, co-authors, American Association of Neurological Surgeons, 1980 April
26	12	Discussion: Primary optic nerve sheath meningiomas, American Association of Neurological Surgeons, 1980 April 24
26	13	"Neuro surgical approach to tumors of the optic nerve," Symposium on the Optic Nerve 11 th Annual course, Eye Institute, 1980 October 9
26	14	Symposium: Surgery of Neuro ophthalmologic problems, American College of Surgeons, 1980 October 19-24
26	15	"Differences in surgical objectives and techniques in the treatment of optic nerve gliomas and meningiomas," Quest and Stern, co-authors, American Association of Neurological Surgeons, 1981
26	16	Hocker Valve, 1981
26	17	"Long term evaluation of the results of transsphenoidal surgery and radiotherapy in patients with prolactinoma," Fratz, Cogen, Chang, and Holub, co-authors, 1981
26	18	"The surgical treatment of optic nerve sheath meningiomas," <i>Modern techniques in surgery</i> , 1981
26	19	Post-graduate Symposium in Radiologic Technology, Presbyterian Hospital, 1981
26	20	Role of Neurosurgery in ocular and adnexal trauma, Continuing Medical Education Program, Harkness Eye Institute, Presbyterian Hospital, 1981 February 7
26	21	Discussion: Paper #3 "A new technique of orbital decompression in severe dysthyroid exophthalmos," by Maroon, American Association of Neurological Surgeons, 1981 April 7

26	22	Breakfast seminar #32: Surgery of the Orbit, American Association of Neurological Surgeons, 1981 April 8
26	23	Breakfast seminar: "Surgical approaches to the optic nerve, chiasm and tract," American Association of Neurological Surgeons, 1981 April 24
26	24	World Society and European Society meeting for Stereotactic and Functional Neurosurgery, 1981 July 9-11
26	25	"Transcranial orbital surgery for optic nerve glioma and optic nerve sheath meningioma," Quest and Stern, co-authors, 7 th International Congress of Neurological Surgery, 1981 July 13
26	26	Abstract: Transcranial-orbital surgery for optic nerve sheath glioma and meningioma, Quest and Stern, co-authors, 7 th International Congress of Neurological Surgeons, 1981 July 16
26	27	Sunrise seminar: Surgery of the Sellar Region, 7 th International Congress of Neurological Surgery, 1981 July 17
26	28	"Visual evoked potentials to partial field stimulation in patients with suprasellar lesions," Congress of Neurological Surgeons, 1981 October 18-23
26	29	Chapter: "Transcranial orbital surgery," Textbook on orbital tumors, 1981-1987
27	1	Photographs: Chapter: "Transcranial orbital surgery," Textbook on orbital tumors, 1981-1987
27	2-3	Manuscript reviews, 1981-1996
46	5	Abstract: Radical neurosurgery for malignant lacrymal gland tumors, American Academy of Neurological surgeons, 1982
27	4	Slides: Radical neurosurgery for malignant lachrymal gland tumors, American Academy of Neurological Surgeons, 1982
27	5	Transphenoidal surgery, Neurosurgery [conference?], New York City, 1982
27	6	"Tumors of the central nervous system: modern radiotherapy in multi-disciplinary management," C. Chang, co-author, 1982
27	7	Breakfast seminar #50: Orbital tumors, American Association of Neurological Surgeons, 1982 April 29
27	8	"Radical neurosurgery for malignant lachrymal gland tumors, American Academy of Neurological Surgeons," 1982 October
27	9	Neurosurgery of orbital lesions, Congress of Neurological Surgeons, 1982 October 7
27	10	<i>Neurosurgery</i> , edited by Wilkins and Rengachary, Chapter: "Optic Gliomas," 1982-1985
27	11	Photographs: <i>Neurosurgery</i> , edited by Wilkins and Rengachary, Chapter: "Optic Gliomas," 1982-1985
27	12	Breakfast seminar #44, American Association of Neurological Surgeons, 1983
27	13	Massachusetts General Hospital: Ground rounds, Harvard Medical School, 1983
27	14	Abstract: Radical neurosurgery for malignant larcrymal gland tumors, American Association of Neurological Surgeons, 1983 April
27	15	"Surgical management of malignant lacrimal gland tumors: a cranio-facial approach," Chapterk Janecka, Trokel, Rankow, Jones, and Jakobiec, co-authors,

27	16	"The reaction of the brain to the implantation of gelatin and collagen absorbable hemostatic agents: cerebrospinal fluid and glial responses," Solomon, Lovitz, Kupsky, co-authors, 1984
27	17	Proptosing meningiomas, circa 1984
27	18	X-ray and other photographs: Proptosing meningiomas, circa 1984
27	19	"Combined clinical and computed tomographic diagnosis of orbital glioma and meningioma," Jakobiec, Depot, Kennerdell, Shults, Anderson, Alper, Citrin, and Trokel, co-authors, <i>Ophthalmology</i> 91: 2, 1984 February
27	20	Visiting professors talk: Tumors of the orbit, optic nerve and chiasm, New York University, 1984 April 6
27	21	"Cranio-orbital resection for ossifying fibromas," by Ivo P. Janecka, International Congress for Maxillofacial Surgery, 1984 April
27	22	"Surgical management of malignant lacrimal gland tumors a cranio-facial approach," Janecka, Trokel, Rankow, Jones, and Jacobiec, co-authors, American Academy of Neurological Surgeons, 1984 May 17
27	23	"Neurofibromatosis and optic glioma..." Scandinavian Neurosurgical Society, 1984 September 12-15
28	1	Luncheon meeting: Congress of Neurological Surgeons, 1984 October 4
28	2	"A review of Dandy's 'Tumors of the orbit' forty-five years later, Donald Quest, co-author, Congress of Neurological Surgeons, 1984 October 4
28	3	"Epidural cord compression in association with genitourinary neoplasms," Liskow, Chang, DeSanctis, Benson, and Fetell, co-authors, <i>Cancer</i> , 1985
28	4	Breakfast seminar: Orbital masses, American Association of Neurological Surgeons, 1985 April 24
28	5	World Society for Stereotactic and Functional Neurosurgery, 1985 July 4-7
28	6	Committee on Ethics and Legal Affairs, World Federation of Neurological Societies, 1985 July 6
28	7	Photographs: Committee on Ethics and Legal Affairs, World Federation of Neurological Societies, 1985 July 6
28	8	Committee on Ethics and Legal Affairs, World Federation of Neurological Societies, geographical survey of major ethical and legal problems, 1985 July 6
28	9	Chapter: "Intraorbital tumors," Operative neurosurgical techniques edited by Schmidek and Sweet, 1985-1988
28	10	Photographs: "Intraorbital tumors," Operative neurosurgical techniques edited by Schmidek and Sweet, 1985-1988
28	11	"Seminar: "Orbital tumors," International Congress of Neurosurgeons, 1985 July 9
28	12	Chapter: "Neurosurgical perspectives on orbital tumors," <i>Neuro-ophthalmology now!</i> edited by Lawton Smith, 1986
28	13	Panel: "Orbital tumors," New York Head and Neck Society, 1986
28	14	Breakfast seminar: "Orbital masses," American Association of Neurological Surgeons, 1986 April 16
28	15	Chapter: "Tumors of the Orbit," Jakobiec, co-author <i>Textbook of neurological surgery</i> , edited by Julian Youmans, 1986-1989
28	16	Photographs: Chapter "Tumors of the Orbit," Jakobiec, co-author <i>Textbook of neurological surgery</i> , edited by Julian Youmans, 1986-1989

28 17 "Phase 1 trial of intracavitary administration of beta recombinant human interferon," 1987

28 18 "Optic nerve meningioma," *Current therapy in neurological surgery*, 1987?

28 19 "Intratumor administration of beta-interferon in recurrent malignant gliomas..." Fetell, Oster, Cote, Sisti, Marcus, and Fisher, co-authors, American Academy of Neurology, 1987 April

28 20 Breakfast seminar: "Treatment of optic gliomas," American Association of Neurological Surgeons, 1987 May 4

28 21 Ophthalmology lecture, grand rounds, New York Hospital-Cornell Medical Center, 1987 October 22

28 22 American Academy of Ophthalmology manual, 1988

29 1 "Enhanced in vitro growth suppression of human glioblastoma cultures treated..." Vita, Edwalds, Gorey, Fetell, Guarini, Langer, and Fisher, co-authors, *Anticancer research*, 1988

29 2 Abstract: "Experience with 126 procedures using an arc-centered stereotactic system," Congress of Neurological Surgeons, 1988 September 25-29

29 3 Luncheon: "Surgical approaches to the orbit," Congress of Neurological Surgeons, 1988 September 25-29

29 4 Abstract, Society for Neuroscience, 1988-1989

29 5 Neurosurgical operative atlas, fascicles project, 1989

29 6 "Phase 2 trials of recombinant human fibroblast interferon in the treatment of malignant glioma," American Association of Neurological Surgeons, 1989 April 2-6

29 7 Luncheon seminar: "Optic nerve and chiasm gliomas," Congress of Neurological Surgeons, 1989 November 1

29 8 "Perspectives in neurological surgery recurrent disc," 1990

29 9 Poster: A universal labeling and logistics system for emergency relief supplies, circa 1990

29 10 "Optic pathway gliomas," Joint section on tumors, American Association of Neurological Surgeons, 1990 May 1

29 11 Breakfast seminar: "Visual and orbital tumors," American Association of Neurological Surgeons, 1990 May 3

29 12 "Universal labeling and logistics system for emergency relief supplies" proposal, International Conference on Disaster Medicine, Moscow, 1990 May 22-31

29 13 Slides: "Universal labeling and logistics system for emergency supplies," proposal, International Conference on Disaster Medicine, Moscow, 1990 May 22-31

29 14 Chapter: Orbital tumors, *Meningiomas and their surgical management* edited by Schmidek, 1991

29 15 "Mesenchymal chondrosarcoma of the orbit..." Jacobs, Merriam, and Garvin, 1991

29 16 Letter to the editor, *New York State journal of medicine*, 90:11, 1991

29 17 Chapter: "Neurosurgical aspects of orbital disease," *Orbital disease: imaging and analysis*, 1991

29 18 *Contemporary neurosurgery*, 1992

29 19 Photographs: *Contemporary neurosurgery*, 1992

29 20 Neurosurgery of the orbit and periorbital region, American Association of Neurological Surgeons, 1992 April 15

29	21	Poster: Suprasellar arachnoid cysts in adults, American Association of Neurological Surgeons, 1992 April 11-16
29	22	"Diagnosis and management of optic nerve glioma and meningioma," New York Orbit Society, 1992
29	23	"Management of low grade gliomas," American Association of Neurological Surgeons, 1992 April 16
29	24	Tumors of the oculomotor foramen, 1992-1994
29	25	Chapter: "Optic gliomas," Marquardt and Behrens, co-authors, <i>Neurosurgery</i> , 1992-1996
30	1	Chapter "Surgical management of intraorbital tumors," Bruce and Kazim, co-authors, <i>Operative neurosurgical techniques</i> , edited by Schmidek and Sweet, 1992-
30	2	Chapter: "Complications of transcranial orbital surgery," <i>Post-operative complications in neurological surgery</i> by Kalmon D. Post, 1993
30	3	Photographs: Chapter "Complications of transcranial orbital surgery," <i>Post-operative complications in neurological surgery</i> by Kalmon D. Post, 1993
30	4	"Neurofibromatosis and optic pathways gliomas," <i>Journal of neuro-oncology</i> 15,
30	5	Photographs: "Neurofibromatosis and optic pathways gliomas," <i>Journal of neuro-oncology</i> 15, 1993
30	6	Neurological surgery fourth edition, 1993
30	7	"Nevus of ota and leptomeningeal melanocytic lesions," Balmaceda, Fetell, Powers, and O'Brien, <i>Neurology</i> 43: 12, 1993 February
30	8	Rankow. <i>An atlas of surgery of the face, mouth, and neck</i> , 1968 for symposium? Recent advances in clinical management of head and neck surgery, 1993 May 14
30	9	Abstract: "Medicine and disasters" College of Physicians and surgeons, 1994
30	10	Neurological considerations in the treatment of AIDS, 1994
30	11	Recurrent pituitary tumors, 1994?
30	12	Lecture: "Medicine and disasters" College of Physicians and surgeons, 1994 May 18
46	7	Lecture: "Medicine and disasters" College of Physicians and surgeons, 1994 May 18
30	13	"Enterogenous cyst of the orbital apex and superior orbital fissure," Leventer, Merriam, Defendini, Behrens, LeQuerica, and Blitzler, co-authors, <i>Ophthalmology</i> 101:9, 1994 September
30	14	Abstract: "Long-term follow-up of resected optic nerve gliomas..." Yao, Pincus, Connolly, and Singh, co-authors, Joint Section on Pediatric Neurological Surgery, 1996 December 11
30	15	Five year statistics, World Federation of Neurological Societies, 1997 July 9
30	16	Slides: Five year statistics, World Federation of Neurological Societies, 1997 July 9
30	17	Luncheon seminar, World Congress of Neurosurgery, 1997 July 9
30	18	"Commentary" <i>P&S medical review</i> , 1999
30	19	Chapter: "Surgical management of intraorbital tumors," Bruce and Kazim, co-authors, 1999?
30	20	Chapter: "Surgical management of intraorbital tumors," Bruce and Kazim, co-authors, <i>Operative neurosurgical techniques</i> , edited by Schmidek and Sweet, fifth edition, 1999?
30	21	Stereotaxy, <i>Neurosurgery</i> journal, 2003

- 30 22 Slides: Stereotaxy, *Neurosurgery* journal, 2003
- 47 3 Cassette tapes: "Surgical Management of orbital Lesions" H156-221A and H156-221B , American Association of Neurological Surgeons, undated

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- 30 23 Soviet Academy of Sciences, Moscow and Yerevan trip, 1965
- 30 24 Turkey, 1965
- 31 1 Padua, Italy, 1967 November
- 31 2 Fulbright-Hays, Commonwealth Fund, and Gulbenkian Foundation, 1968
- 31 3 Scotland, 1968
- 31 4 Scotland: University of Edinburgh, 1968
- 31 5 India: All Institute of Medical Sciences, 1981-1982
- 31 6 Armenia: Yerevan, 2010 October

Series: Department of Neurological Surgery and Neurological Institute, circa 1950-2009

Sub-series 5.1: General, 1967-2009

- 31 7 By-laws for the Department and Service of Neurological Surgery, 1972-1993
- 31 8 Crisis: Neurological Institute crisis, 1981-1984
- 31 9 Crisis: Blue Sky Committee, 1984-1985
- 31 10 Crisis: Columbia Presbyterian Medical Center critique of services and management, 1982
- 31 11 Dean's Office, Gerald Fischbach correspondence, 1989-2001 [CLOSED 25 YRS]
- 31 12 Dean's Office, Gerald Fischbach correspondence, 1995-2005 [CLOSED 25 YRS]
- 32 1 Dean's Office announcements, 1996-1997 [CLOSED 25 YRS]
- 32 2 Dean's Office: Joanna Rubinstein, Associate Dean, 2003 [CLOSED 25 YRS]
- 32 3 Dean's Tax, Department of Neurological Surgery, 1993-1996 [CLOSED 25 YRS]
- 32 4 Elsberg Dinner and Lecture expenses, 1967
- 32 5 Employee Awards ceremony, Neurological Institute, 1986
- 32 6 Executive Committee of the Continuing Medical Education Advisory Committee, 1988
- 32 7 Neurological Institute of New York centennial, 2009 [CLOSED 25 YRS]
- 32 8 Neurosurgery alumni, College of Physicians and Surgeons, 2009 [CLOSED 25 YRS]
- 32 9 Neurosurgical Development Gift: financial reports, 1990-2006 [CLOSED 25 YRS]
- 32 10 Neurosurgical nomenclature for data processing, 1968 February
- 32 11 Oxygen systems, 1994-1995 [CLOSED 25 YRS]
- 32 12 Peer Review Committee, New York State Neurological Society, 1971-1973
- 32 13 "Summary of its accomplishments and prospects for the future," New York Neurological Institute, 1969
- 32 14 *Stethoscope* , public interest correspondence, 1967-1974
- 32 15 Tsukuba University students, 1988-1990
- 32 16 Ventriculoscopy equipment, 1979-1980

32 17 Videotape abstracts for Congress Videotape Library, Congress of Neurological Surgeons, 1978-1980

Sub-series 5.2: Clinical Research, circa 1950-1990s

32 18 Beryllium ring development, 1964 [has photos]
Clinical Cancer Research Center (CCRC):

32 19 CCRC: American Cancer Society (ACS) CI-17A grant, 1971-1975

33 1 CCRC: American Cancer Society (ACS) CI-17A grant renewal, 1973-1974

33 2-3 CCRC: Slides: X-rays identified by patient, 1986-1988

33 4 CCRC: Triton Biosciences, Inc. correspondence, 1988-1989

33 5 CCRC: Intracavitary recombinant beta interferon in human glioblastoma, 1988-1990

33 6 CCRC: Intracavitary beta interferon protocol synopsis, circa 1988

33 7 CCRC: Paul Fisher correspondence, 1987-1989

33 8 CCRC: Betaseron drug, investigator's brochure, 1988

33 9 CCRC: Proposal: Study the effects of INF-B ser on the in vitro growth of human meningioma

33 10 CCRC: "Technical proposal in response to RFP-NC1-CM-07348-26 therapy of patients with brain tumors, October 1, 1980-September 30, 1985," 1980

33 11 CCRC: Clinical Cancer Research Center Proposal

34 1-4 CCRC: Grant application, 1972

34 5 Clinical research facility, 1961-1962

34 6 Clinical research patents B3359, 1966

34 7 Clinical research proposals, 1962-1966

34 8 Proposed clinical investigation Methyl CCNU, 1972

34 9 Proposed clinical investigations, 1970

34 10 Dyskinesia research proposals, 1964-1966

34 11 Dystonia paper

34 12 Pallidectomy grid map file, 1957-1958

35 1 Parkinson renewal, 1969

35 2 Parkinson's Disease Foundation, 1959-1960

35 3 Parkinson sources, circa 1963-1966

35 4 Neurological Surgery Training grant, 1967

35 5 Stereotaxic instruments catalog, circa 1950s-1960s

35 6 Stereotaxic instruments, human, 1956

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35 7-9 Basic thalamus literature, 1950s-1960s

35 10 Human thalamus literature, 1960-1964

36 1-2 Human thalamus literature, 1960-1964

36 3 Transphenoidal hypersecretion, circa 1970s

36 4 Slides: Transphenoidal hypersecretion, circa 1970s

36 5 Slides: Combined staff seminar: Pituitary surgery, 1978 November 15

36 6 Slides: Surgical photographs identified by patient, 1970s-1980s

36 7 Slides: Surgical photographs identified by patient, 1980s

36 8 Slides: Surgical photographs identified by patient, 1980s-1990s

36	9	Frontal sinus fractures panel, 1980
36	10	Slides and photographs: Frontal sinus fractures panel, 1980
36	11	Ethmoid mucocele, 1981-1983
36	12	Slides: Ethmoid mucocele, 1981-1983

Sub-series 5.3: Columbia Presbyterian Physician Network, 1989-1996 [CLOSED 25 YRS]

37	1	Board of Directors, agreements and other business, 1993-1996
37	2	Board of Directors correspondence, 1993-1996
37	3	Department of Neurosurgery managed care, 1993-1997
37	4	Operations, 1995
37	5	Fee schedule for procedures, 1989-1996

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37	6	J. Lawrence Pool Memorial Research Symposium: Novel Strategies for treating gliomas..., 2008 June 6
		Neurosurgery Annual post-graduate course, New York City:
37	7	1994-1995
37	8	1996-1997
		Post-graduate review course: Basic and Clinical Neuroscience, College of Physicians and Surgeons:
37	9	1995-1996
37	10	2001-2002
37	11	2002-2003
37	12	2003-2004
37	13-14	2004-2005
37	15	2005-2006
38	1	
38	2	2006-2007
38	3	2007-2008
38	4	2008-2009
		Digital Knowledge Ventures (DKV)
38	5	2005-2006
38	6	2007
38	7	Post-graduate review course: Basic and Clinical; Basic and Translational Neuroscience, 2005-2008

Sub-series 5.5: Facilities, 1963-2008

38	8	Neurological Institute and Department operating room, 1986
38	9	Neurological Institute and Department operating room fund, 1963-1979
38	10	Neurological Institute and Department operating room, x-ray equipment installation, 1965-1970
38	11	Photographs: Neurological Institute and Department operating room, x-ray equipment installation, 1965-1970
38	12	Neurological Institute: operating rooms plans, 1954, 1967-1970
MC 2	8	Neurological Institute: operating room, automated statistics, computer print-out,

38	13	Neurological Institute operating scope, Fairfield Space and Defense Systems, 1963-1969
38	14	Photographs: Neurological Institute operating scope, Fairfield Space and Defense Systems, 1963-1969
38	15	Neurological Institute plans, 1985
38	16	Neurological Institute renovation, 4 th floor, 1991-1992
38	17	Neurological Institute waiting room renovation, 1985-1986
39	1	Neurosurgery Department programs and floor plans, 1973-1975
39	2	Proposed AV Center: "A National Medical Audiovisual Center survey of the audiovisual communication resources and needs of the Columbia-Presbyterian Medical Center," 1970
39	3	Proposed AV Center: Audio-visual grants, 1972-1976
39	4	Proposed AV Center: Kaiser Foundation Grant, 1974

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39	5	Chu H. Chang Professorship, 1994-2008
39	6	Correll, James William: Biographical file, 2004
39	7	Photographs: Correll, James William: Biographical file, 2004
39	8	Gillingham: Correspondence, 2005
39	9	Hui, Robert: Obituary, 2004 October 10
39	10	Photographs: Hui, Robert: Obituary, 2004 October 10
39	11	Michaels, Sidney: donations in memoriam, 2006
39	12	Michaels, Sidney: correspondence and memorial, 1981-2006
39	13-14	Pool, J. Lawrence: correspondence and memorial, 1979-2008
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40	1	Pool, J. Lawrence: portrait fund, 1979-1980
40	2-3	Pool, J. Lawrence: Professorship, 1988-2003, 2010

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		Affiliation agreement:
40	4	Form letters, 2002-2005
40	5	List of countries, 2008, 2010
40	6	Signed and approved, 1993-2002
40	7	American Austrian Foundation, 2003-2007
40	8	American University of Beirut, 2000-2003
40	9	Armenia, Republic of, 1997
40	10	Brazilian Military Hospital, 2007
40	11	Ben Gurion University of the Negev, Israel, 1996-2000
40	12	Chiang Mai University, Thailand, 2006-2010
41	1	Cinterandes, Ecuador, 1998-1999
41	2	Cornell University and New York Presbyterian, International Medical Services, 1999-2000
41	3	Ege University, Turkey, (Dental and Oral Surgery), 2000-2001
41	4	Flinders University Medical School, Dean passes away, 1997-2002
41	5	Fudan University in Shanghai, China, 1998-2002, 2010
41	6	Göteborg University, Sweden, 2008-2009

41	7	Guangzhou Medical College, China, 2005-2006
41	8-9	Hallym University, Korea, 2002-2003
41	10	Hallym University, Korea New York Presbyterian and Cornell University, 2003-
41	11	Karolinska Institutet, Stockholm, Sweden, 2002
41	12	Keio University, Japan, 2002
41	13	L'Universite Paul Sabatier-Toulouse III, France, 2000
41	14	Nagasaki University, Japan, 2003
41	15	Oxford University, England, 1999-2003
41	16	Peking University, 2004-2007
41	17	Royal College of Surgeons in Ireland, 1999
41	18	Seoul National University, Korea, 2002-2005
42	1	Tel Aviv University, Israel (Dental and Oral Surgery), 2000-2001
42	2	Tokyo Women's Medical University, Japan, 2003-2008
42	3	Universidad Andrés Bello and Clinica Indisa, Chile, 2002-2004
42	4	University of Bucharest, Romania, 2003
42	5	University College Cork, Ireland, 2001-2002
42	6	University of Dublin, Ireland, 1999-2000
42	7	University of Edinburgh, Scotland, 1999-2003
42	8	University of Florence, Italy, 2007
42	9	University of Genova, Italy, 1998-2001
42	10	University of Heidelberg, Germany, 1999-2000
42	11	University of Hong Kong Faculty of Medicine, 1995-2009
42	12	University of Marseilles, France, 1999-2008
42	13	University of Moscow, 1997
42	14	University of Navarra, 2007-2008
42	15	University of Padova, Italy, 1999-2001
42	16	University of Paris Decartes, France, 1985-2009
42	17	University of Queensland School of Medicine, Australia, 2007
43	1	University of Sidney, Australia, 2000-2005
43	2	University of Witwatersrand, South Africa
43	3	University of Zulia, Venezuela, 2003
43	4	Yerevan State Medical University, Armenia, 1996-2005
43	5	Yerevan State Medical University, Armenia: Arthur K. Shukuryan correspondence, 2002
		Affiliation proposal:
43	6	Autonomous University of Guadalajara, Mexico, 2002
43	7	Buenos Aires, Argentina, 1997
43	8	Cambodia and Laos, (School of Nursing), 2004
43	9	Leopold-Franzens University of Innsbruck, Austria, 2003
43	10	Linköping University, Sweden, 1997
43	11	Mahidol University, Thailand, circa 2007
43	12	Manila Medical Services, Inc., Philippines, 1998-1999
43	13	Mashhad University of Medical Sciences, Iran, 2001
43	14	Mexico City, 2004
43	15	Nepal Medical College, 1998-1999
43	16	Nicaragua, 2007
43	17	Osaka Dental University, Japan (Dental and Oral Surgery), 2002-2004

43	18	Songdo City, Korea, 2005
43	19	Spiru Haret University, Romania, 2002
43	20	St. Christopher College of Medicine, Dakar, 2004
43	21	Tbilisi State Medical University and AIETI, Georgia, 1999-2001
43	22	Tohoku University, Japan, 2006-2009
43	23	Universidad Internacional del Ecuador School of Medicine in Quito, 2009
43	24	Universidade Federal de Campina Grande, Brazil, 2007
43	25	University of Baghdad College of Medicine, Iraq, 2004-2007
43	26	University of Benin, Nigeria, 2003
43	27	University of Pavia, Italy
43	28	University of St. Cyril and Methodius, Macedonia, 2001-2003
43	29	Vanguard University of Science and Technology, Costa Rica, 2005
43	30	West China University, 2000
44	1	Armenian Oral History Project, Zoryan Institute, 2005
47	2	Collaborative International Symposium: Hallym University, New York Presbyterian Hospital, Columbia University P&S, and Weill Cornell Medical College, 2007 October 26
44	2	College of Physicians and Surgeons alumni living overseas mailing list, 2004
44	3	College of Physicians and Surgeons foreign alumni mailing list
44	4	Columbia University Global Center for Africa, 2010
44	5	Consortium initiative: Tanzania, 2007
		Correspondence:
44	6	East Asian Institute, 1997
44	7	Fujita Health University, 2008
44	8	Malaysian hospitals, 1997
44	9	Rau, Thomas, 2004
44	10	Tropical Institute for Community Health and Development (TICH), Kenya, 2005
44	11	Donations, Mali, 1999
44	12	Donations: Provincialate of the Handmaids of the Holy Child Jesus mission, Nigeria, 1998
44	13	Global Health notes, 2004
44	14	Global Health Focus, 2007
44	15	Hallym University Medical Center, 2009 Annual Academy Report
44	16	International Center for AIDS care and treatment program, (ICAP) newsletter, 2006-2008
44	17	International Emergency Medicine Fellowship Fieldwork Program, 2007-2008
44	18	International Summer Programs, 2005
44	19	Japanese Association of Private Medical Schools, 2001 Meeting:
44	20	Meeting: Anhui University of Traditional Chinese Medicine delegation, 2006
45	1	Meeting: Casablanca, Morocco, 2003
45	2	Meeting: ChiangMai Medical School delegation, 2008
45	3	Meeting: Chinese Academy of Medical Sciences, 2003
45	4	Meeting: Chinese delegation, Ministry of Education visit, 2006
45	5	Meeting: Chinese delegation, Anhui University of Traditional Chinese Medicine visit, 2006
45	6	Meeting: Dominican Republic, 1997

45	7	Meeting: Dubai Medical College for Girls, United Arab Emirates, 2007
45	8	Meeting: Fundan University in Shanghai, China, 2002 June
45	9	Meeting: Fundan University in Shanghai, China: Dingli Shen correspondence, 1997-2001
45	10	Meeting: Pushpagiri Medical College, Tiruvalla, India, 2005
45	11	Meeting: Shanghai Hua Shan Hospital, China, 1997
45	12	Meeting: United Nations University, Latin America and the Caribbean, 2004
45	13	Meeting: University of Bagdad, Iraq, 2005
45	14	Meeting: University of Glasgow, 2005
45	15	Meeting: University of Uslan College of Medicine, 2000
45	16	Meeting: Millennium Village Project, 2007
45	17	Meeting: National Center for Disaster Preparedness (NCDP), 2008-2009
45	18	Meeting: Office of Global Health Science Training nad Education, 2001-2003
45	19	Meeting: Partnership for gender specific medicine, 2002-2003
45	20	Meeting: REMEDY (Recover Medical Equipment for the Developing World), College of Physicians and Surgeons Program, 2006-2007
45	21	Meeting: Royal College of Surgeons in Ireland, Bahrain, 2009
45	22	Meeting: St. Luke's International Medical Center, 1999-2001
45	23	Meeting: Thai Prince Mahidol Award, 2010
45	24	Trip: China itinerary, 2002 September 9-23
45	25	Trip: Fiji, 2000
45	26	Trip: India, 2002
45	27	Trip: Guatemala City
45	28	Student Global Electives, 2004-2007
45	29	Students: University of Nis, Yugoslavia, 2001
45	30	United States Navy: A.S.W. correspondence Naval Medical Research Unit (NMRU), 1984-2008