

RAMSIS F. GHALY, M.D., F.A.C.S.

Board Certified in Neurosurgery, Anesthesiology & Pain Management

CURRICULUM VITAE



My philosophy is “Do your best, learn in depth, care from your heart and let God do the rest.”

BRIEF HIGHLIGHTS:

- Board Certified in Three Specialties:
Neurological Surgery, Anesthesiology, Pain Management
- Fellow of The American College of Surgeons (FACS)
- American Heart and Stroke Hero Award for 2005 and Former Chair of the Medical Sub-committee for the western suburbs. The author of a reference tool for physicians entitled “Operations Stroke – Primary Kit to Physicians”
- Membership in Sixteen Medical Societies and Active member in the Societies of Neurological Surgery, Anesthesiology, Neurosurgical Anesthesiology and Critical Care, and Pain Medicine.
- Author to hundreds of presentations and publications.
- Participated in the creation and program development of Neuroscience Institutes
- Awards for “Best Neurosurgeon of the Year” & “Best Patient and Family Partner” since 2002 at Rush Copley Med. Ctr
- Featured articles in major newspapers such as the: *Chicago Tribune* - “Miracle Worker”; *Herald News* in Joliet - “In the Master’s Hand”; *Beacon News*, Aurora - “Truly a Miracle” and *Sun*, Fox Valley, Plainfield and Naperville – “The Mind, Body, and Spirit” as well as various appearances on television and radio
- Featured in “DOCTORS MAKING A DIFFERENCE” Cook Suburban/West Suburban, 2003
- UIC College of Medicine and Medical Center Alumni recognition
- Course leader and lecturer for multiple neuroscience symposiums
- Pioneer Research in Neurophysiology and Evoked Motor Potentials
- Leader in the community service for neuroscience care awareness
- Active Member in *Who's Who*, 2001
- Rotary/One International/Rotary Club of Chicago
- Founder/President for *The Ghaly Foundation for Neuroscience Care*, providing supportive environment for patients, families, empowerment and education
- Honored guest and speaker “Midwest Brain Injury Clubhouse”
- Author of the book entitled “Brain and Christianity”; Faith, Medicine and Neuroscience Care Past, Present and Future Enterprise, Plainfield, IL Published 2004

PERSONAL INFORMATION

DATE OF BIRTH: October 6, 1957
PLACE OF BIRTH: Cairo, Egypt
HOME ADDRESS: Supplied upon Request
SOCIAL SECURITY #: Supplied upon Request
LANGUAGES: Fluent in English and Arabic
E-MAIL ADDRESS: rfghaly@aol.com
WEB PAGE: www.iamaneurodoc.com

BOARD CERTIFICATIONS:

American Board of Neurological Surgery – November 1998
American Board of Pain Medicine – February 1997
American Board of Anesthesiology – April 1993

MEDICAL DEGREE AND AMERICAN QUALIFYING EXAMINATIONS:

Medical School Diploma (M.B. Bch) - February 1982
Visa Qualifying Examination (VQE), September 1983, #364-024-0
Federal Licensure Examination (FLEX), December 1985, #571006010 (Score 83)

LICENSURES:

Illinois - #036-076877
Florida - #HE-0065739
Alabama - #21400
Pennsylvania MD-044781L
California- C51822

EDUCATION:

Post Graduate Training

Neurological Surgery Residency
University of Illinois at Chicago
Chicago, Illinois
January 1990 - June 1995

Anesthesiology/Neuroanesthesiology Residency
Cook County Hospital
Chicago, Illinois
February 1987 - January 1991

Neurophysiology and Neurotrauma Fellowship Clinical Training
Cook County Hospital
Chicago, Illinois
July 1986 - January 1987

General Practice Residency
Military Hospital
Cairo, Egypt
1983 - 1984

Rotating Internship
Ain Shams University Hospital and Clinic
1982 - 1983

Medical School

Ain Shams University, School of Medicine
Cairo, Egypt
1975 - 1981 "Honors" (GPA = A +)

Pre-Medical School

Ain Shams University Pre-Medical School
Cairo, Egypt
1975 - 1976 (Very Good, GPA = A)
"Outstanding Achievement" in Chemistry (A +)

POST GRADUATE DISTINGUISHED ACHIEVEMENTS:

- The ONLY Neurosurgeon with Triple Board Certifications in Neurological Surgery, Pain Medicine and Anesthesiology, with the fulfillment of the required training, practice and examinations in each specialty.
- Annual Scholarship for Academic Performance
- Robert D. Dripps, M.D., Memorial Award for Outstanding Resident of the Year in Anesthesiology, Cook County Hospital, February 1991. Nationwide recognition in pioneered research work in motor evoked potential and anesthetic agents.
- Doctor Recognition "Doctors Making A Difference" Chicago Suburban Magazine West Suburban Living, July 03
- Annual Continuing Medical Education Award in Neurosurgery from the American Association of Neurological Surgeons, 1996 to Present.
- Silver Cross Honorarium Stars from Silver Cross Hospital, Joliet, Illinois.
- Records for Patient Satisfaction:
Silver Stars and many Appreciation Letters
Patient Satisfaction scores average 4.76 out of 5.0 since 1995
- Scientific Recognition for Contribution toward the Establishment of J. Neurosurgical Anesthesiology, 1991 to 1998.
- National Recognition in "Advancement of Community Medicine"
- National Recognition in "Faith and Medicine"
- **Honored Guest of the Chicago Historical Society:** October 23, 2001 Lecture in "Faith and Medicine – Brain Injury in the New Millennium" Midwest Brain Injury Clubhouse – Gala 2001
- **Honored Plaque:** Received from The Most Reverend Jean Marie Roger Kozik, Bishop and Fraternite, Notre Dame, for serving God and the poor, October 2001
- UIC College of Medicine and Medical Center, Alumni Recognition, Volume 6, Spring 2002
- Rush Copley Medical Center "Best Family Partner", Outstanding Achievement 2003 and 2004
- Rush Copley Medical Center, the "Best Neurosurgeon" Award, 2004
- Rush Copley Medical Center: Certificate Recognition "Active Teaching"
- Recognition Certificate for Rush Copley Family Practice Residency 2001, 2002, 2003, 2004
- Rush Copley Medical Center, Recognition for "Caring Hearts, Miracles Start with" "Our Children Our future" July 04
- Teaching Award, 12/04, The Osler Institute, Oral Board Teaching Courses, Terre Haute, Indiana
- American Association of Neurological Surgeon, Coordinating Committee on Continuing Education, 2002 to 2004 for 137.00 neurosurgical credits for CME
- American Heart and Stroke Hero Award, 2005
- Copley Healthcare Foundation Plaque Donor Walkway, Rush Copley Medical Center, Aurora, IL 2005

NEUROPHYSIOLOGY RESEARCH:

Transcranial Magnetic Motor Evoked Potential Studies, In Primate Model (1987 to present) principal investigator. Developed the first primate model for transcranial magnetic stimulation (TMS) to produce motor evoked potentials (MEP's). Pioneered work to test the reliability of the model and effects of different anesthetic agents. First to develop the anesthetic regimen for intraoperative use of MEP's. Furthermore, our laboratory examines the sensitivity/spinal MEPs to spinal cord ischemia induced by gradual balloon inflation. We analyzed both myogenic and spinal neural components of MEP's to TMS in the same model. The data were being presented in major meetings, published in well-recognized journals. The experience of the animal data will be extended to humans.

Its major input will be directed toward the applicability and feasibility of monitoring MEP's in anesthetized patients whose motor tracts are threatened under anesthesia.

Transmagnetic and Transelectrical Stimulation of the Motor Cortex in Humans.

SOCIETY MEMBERSHIPS:

American Society of Anesthesiology, 1988
Illinois Society of Anesthesiology, 1988
Society of Neurosurgical Anesthesia and Critical Care, 1989
The American Association of Neurological Surgeons, 1991
The Congress of Neurological Surgeons, 1991
Illinois Society of Neurosurgery, 1992
American Medical Association, 1995
Chicago Medical Society, August 1995
Joint Section on Pain, American Association of Neurological Surgeons, February 1996
American Association for the Advancement of Science, 1997
Joint Section on Disorders of the Spine and Peripheral Nerves, AANS, June 1999
Fellow of American College of Surgeons, 2000
American Society of Pain Medicine, 2000
National Registry of Who's Who, Life Time Membership, 2000
North American Skull Base Society, 2001
Rotary/One International, Rotary Club of Chicago International
Advisory Committee of American Association of Neurological Surgeons, 2001
Chicago Neurological Society, 04

EXTRACURRICULAR ACTIVITIES:

AUTHORS OF BOOKS

Spirituality and Science: Christianity and The Nervous System

International Leadership Communications:

Adjunctive Professor of Cultural Leadership and Communication at Dominican University, River Forest, Illinois

Science:

Active member of the Field Museum

Arts:

Active member of the Evening Associates
Art Institute of Chicago

History:

Coptic Christian faith and rhymes

APPOINTMENTS AND BUSINESS ADDRESSES:

- Neurosurgeon and Medical Director
Ghaly Neurosurgical Associates
1900 Ogden Avenue Suite 200
Aurora, IL 60504
Phone 630/978.6793
Facsimile 630/518.3599
(2001-2005)
- Teaching Hospital of National and International Recognition
Division of Neurosurgery
Staff Anesthesiologist
Department of Anesthesiology and Pain Management
J. Stroger of Cook County Hospital
1901 West Harrison Street
Chicago, Illinois 60612
(1991- Present)

TEL: 312-864-5322 and 312-864-1900

- Adjunct Professor
Department of Communications
Lecturer in Intercultural Communication
Course in "International Business Communication"
Dominican University
River Forest, Illinois
(1998 to Present)
- Director
Chiropractor – Ghaly Neurosurgical Grand Rounds
2001-Present
- Founder and President
The Ghaly Foundation for Neuroscience Care
1900 Ogden Ave, suite 200
Aurora, IL 60504
(630) 518-3578 fax 630-518-3599
ghalyfoundation@hotmail.com
(2003-Present)

PAST APPOINTMENT

- Medical Director
Neuroscience Institute at Rush-Copley Medical Center
2000 Ogden Ave.
Aurora, IL 60504
Phone 630/978.6200
(2001-2005)
- Chicago Institute of Neurosurgery and Neuro-Research (CINN)
4501 N. WINCHESTER, CHICAGO, IL 60640
TEL: 773-250-0500 fax: 773-250-0497 (1995-2001)
- American Stroke Association (2001 – 2002)
Former Chair of Medical Subcommittee for Operation Stroke in western suburbs (Will, Kane, DuPage and Kendall)
Development of operation stroke awareness package across the state of Illinois as a reference tool, Jan. 2002

HOSPITAL AFFILIATIONS:

- Rush-Copley Medical Center
2000 Ogden Ave.
Aurora, IL 60504
630/978.6200 fax: 630-978-6888
Nov. '01 to present
- J. Stroger of Cook County Hospital
1901 West Harrison Street, 5670
Chicago, Illinois 60612
1991 to Present
312-864-1900 fax 312-864-9544
- Central DuPage Hospital

25 N. Winfield Road
Winfield, IL 60190
630/933-1600
(2003-Present)
Courtesy Privileges

PAST APPOINTMENT

- Silver Cross Hospital
1200 Maple Rd
Joliet, IL 60432
(1995-2001)
- Columbus Hospital
2520 North Clark Street
Chicago, Illinois 60614
1995 to Nov. 2001

CONSULTANT AND BOARD MEMBER:

- Ghaly Foundation for Neuroscience Care
1900 Ogden Ave, Suite 200
Aurora, IL 60504
(2003-Present)
- The Society for Arachnoiditis
Dr. J.A. Aldrete (Director)
St. Rosa Beach, FL
2001 to present
- Midwest Brain Injury Clubhouse
Clock Tower Plaza
116 W. Northwest Highway
Palatine, IL 60067
Oct. '01 to present

Post Graduate Courses (CME) and training

- Practical Course on Neurosurgical Approaches In Pain, AANS, 1996
- Practical Course on Neuroendoscopic Surgery, AANS, 1996
- Orthopedic and Outpatient Hand Center, Carpal Tunnel Endoscopic Surgery, Dr. J. T. Brown, Houston, Texas (Visitor), 1997
- Practical Course on Spine and Peripheral Nerves, Bethesda, Maryland, May 1997
- Practical Course on Skull Base Approaches, St. Louis, Missouri, June 1997
- Practical Course on Cervical Spine, Biomechanics, AANS, 1997
- Practical Course on Skull Approaches, AANS, 1998
- Practical Course on Peripheral Nerve Surgery, St. Louis, Missouri, 1998
- Comprehensive Spine Course, Albuquerque, New Mexico, May 1998
- Peripheral Nerve Surgery Center, Dr. David Kline, University of Louisiana, New Orleans, (Visit for 3 days) June 1998
- Practical Course on Microvascular Anastomosis, LNS, October 1998
- Comprehensive Course on Cranial Endoscopy, University of Arkansas, Little Rock, Arkansas, March 1 - 2, 1999
- The Annual One-day Course Conducted by the Society of Neurosurgical Anesthesiology and Critical Care for the Years of 1991 to 2000
- The Annual Practical Course Two-day Conducted by the American Association of Neurological Surgeons, 1994 to 2000

- The Annual Practical Course Two-day Conducted by the Congress of Neurological Surgeons, 1995 – 2000
- Comprehensive Skull Base Course, The North American Skull Base Society, March 14 - 21, 2000, Phoenix, Arizona. (CME 24 Hours) Hands-on Workshop on Skull Base Approaches March 14 - 15, Practical Course March 16, 2000
- Director and organizer of “Complex Facial Pain and Headache: Diagnosis and Current Management,” Silver Cross Hospital, Joliet, Illinois, May 24, 2000
- 12th Annual International Spine and Peripheral Nerve Workshop: Thoraco-lumbar Course, Bethesda, Maryland, June 4 - 7, 2000 (CME 37.5 hours)
- 12th Annual Practical Course, The North American Skull Base Society, Lake Buena Vista, Florida, March 2001
- Microsurgical Approaches to the Brain, Ventricles, and Skull Base McKnight Brain Institute, University of Florida, Gainesville, FL, Nov. 5 – 9, 2001
- Cerebral revascularization, carotid surgery, practical anatomy workshop, St. Louis University, St. Louis, MO, Nov. 30 – Dec. 2, 2001
- Approaches to cerebral aneurysms, spinal instrumentation, and vertebroplasty practical workshop, annual meeting, AANS, Chicago, IL, April 6 – 11, 2002
- Management of Cervical Trauma and Approaches and Techniques in the Thoracic/Lumbar spine for Spinal Deformity, World Spine II Conference, Hyatt Regency Hotel, Chicago, IL August 10-14, 2003
- Midwest Peri Anesthesia 40th Annual Conference, Chicago, IL May 2-4, 2003
- Microsurgical Approached to intrinsic Brain Tumors: Fiber Dissection Techniques, St. Louis University School of Medicine, Practical Anatomy Workshop, St. Louis MO, February 28- March 2, 2003
- Medtronic Sofamor Danek, guest surgeon at State of spine on site cadaveric training, “Minimal access spine technologies” 2 day seminar, Westchester, IL , October 6-7, 2003
- American Association of Neurological Surgeons 137.0 CME neurosurgical CME credits 2002 to 2004; Spine instability, brain aneurysms, brain tumors,--etc
- Congress of Neurological Surgeons 2002-2004; Brain tumor management, spine instability
- Spine Spacer training course on X STOP IPD for spinal stenosis workshop, Rosemont, ILL, 2/8/06, St Francis Medical Technologies, Inc.

COMMUNITY SERVICE PROGRAMS & PRESENTATIONS :

- Stroke screening in Plainfield, IL, St. Mary’s Church, Oct. 21, 2001
- Establishment of Neurosurgery Chiropractic Case Conference (1998 - Present) Bi-monthly meeting held at Silver Cross Hospital and subsequently at Rush-Copley Medical Center. Inter-education and healthy discussion to improve patient care in the community, Course Director.
- Lecturers for Senior Citizen “Walking Club,” e.g., Carpal Tunnel Syndrome, Cervical Spondylosis, etc.
- Local magazine publication with case discussion.
- Web site, free consultation through out the World Internet.
- International services
- Brain injury survivor group
- Trauma prevention program
- “Stroke Update for the Community”, lecturer, rush-Copley Medical Center, Aurora, IL, January 23, 2002.
- “New innovation for Carpal Tunnel Syndrome”, Rush-Copley Medical Center, February 4, 2002.
- “Stroke Awareness for the Community”, Yorkville, IL, March 14, 2002.
- “Trauma Prevention to Young Adults”, lecturer at program, Rush-Copley Medical Center, Aurora, IL, April 8, 2002.
- “What About Neurosurgery”, Yorkville High School, Yorkville, IL, May 22, 2002.
- “Warning Signs of a Stroke”, Rush-Copley Medical Center, Aurora, IL, May 22, 2002.
- “Help Stomp Out Stroke”!, lecturer, Main Baptist Church, Aurora, IL, May 23, 2002.
- “Stroke Update”, assisted living center, Countryside Village Apartments, Yorkville, IL, 630/553.5040, June 6, 2002.
- “Carpal Tunnel Syndrome”, community lecture, Rush-Copley Medical Center, July 17, 2002.
- “Stroke Screening”, senior event, Rush-Copley Medical Center, Aurora, IL, September 28, 2002.
- “Back Pain – Back Surgery – Back to Normal”, lecturer, Rush-Copley medical Center, Aurora, IL, October 3, 2002.
- “Stroke Screening”, Senior Resource Team, a resource fair for seniors, disabled and their families, St. Paul’s Lutheran Church, Aurora, IL, October 12, 2002.

- “Stroke Screening”, Ghaly Neurosurgical Associates, Aurora, IL, October 29, 2002.
- The founder of “The Ghaly Brain Injury Survival Support Group”, providing supportive environment for patients and families. Monthly meeting and education.
“Let’s Talk About Stroke”, Our Lady of Angels, Joliet, IL, November 12, 2002.
“Stroke in America: The Silent Epidemic and the Role of Three P’s”, Gyrator, Rotary One, December 10, 2002.
- Community education lecture series, Rush-Copley medical Center, Aurora, IL:
1/23/02 Stroke update for the community
1/25/02 Ghaly Neurosurgical – Chiropractic Grand Rounds
3/20/02 Warning Signs of a Stroke
4/4/02 Trauma Prevention for Young Adults
- ATI Physical Therapy Institute, Joliet, L, Onsite Physician, Annual 5Kcharity run, May 2003
- Ghaly Foundation for Neuroscience care, First annual free community Healthfair, Joliet, IL October 11, 2003
- “Christian Faith in the workplace, Union Congregational Church, Aurora, IL October 19, 2003
- "Surgical Technique for Pain Management" Association of Surgical Technology, Orthopedics and Neurosurgical, Omni Ambassador East Hotel, Chicago, IL September 21, 2003
- “Operation Stroke”, WWTO TV, Ottawa, IL Guest Lecturer April 2, 2003
- Channel 6 Comcast TV, guest lecturer on the “Outspoken with Karen Show”, Personal interviews in Neurosurgical topics September 15, 2003 and October 28, 2003
- (Memorial Baptist Church) Judson College, Joliet IL, Lecturer “Ancient Egypt and Mummification” October 30, 2003 Joliet Area Christian Cooperative
- Community Neuroscience Health Fair, Joliet, IL October 11, 2003, “Neurosurgical procedures for neuroscience illness”
- Union Congregational Church, Aurora, IL October 19, 2003 “ Christian faith in the work place”
- Main Baptist Church, aurora, IL February 15, 2003 Stroke and hypertension screening and education
- The Ghaly Foundation for Neuroscience Care, Community Meetings to educate in regard to “Stroke”, “Carpal Tunnel Syndrome”: Our Lady of Angels, Joliet IL March 21, 04 & July 18, 04, Aldin of Waterford, Aurora, IL April 25, 04.
- Stroke Symposium for the Community, October 30, 04 at Rush Copley Medical Center, Aurora, IL
“Stroke Awareness and Prevention”
- Stroke Symposium to the Public, St. George Orthodox Christian Church, 4601 W. Pauling, Monee, IL, Dec 12, 04
“Stroke Awareness, Prevention and treatment
- Computer Webpage “Neuroscience Care of America to serve patients and communities” Pending
- Carpal Tunnel Syndrome: Awareness and Prevention for the Community, Jan 27, 05, Rush Copley Medical Center, Aurora, IL
- A Pain in the Neck: The causes and Treatments for Neck Pain, Awareness for the Public, Feb 24, 05, Rush Copley Medical Center, Aurora, IL
- Rush Copley Heart Institute, May 4, 05: “Could you have a stroke”
- “Stroke Awareness for the Public” Main Baptist Church, 814 E. Galena Blvd, Aurora, IL, September 10, 05
- “Stroke Prevention Program”, Asbury Towers, Aurora, IL, 10/13/05
- “Stroke Prevention Program”, Oswego Presbyterian Church, Oswego, IL, Dec 1, 05
- “Christianity and the brain: deeds at the heart of the brain”, Saint George Coptic Orthodox Church of Chicago, December, Newsletter, 2005
- “Stroke Awareness and Prevention to the Public” Lecture to the community, New Lenox Public Library, New Lenox, IL, March 8, 06

SEMINARS:

- Symposium on Evoked Potential Monitoring, Orlando, Florida, September 1986.
- Neurotrauma Midwest Regional Seminar sponsored by the American Association and Congress of Neurological Surgeons, Chicago, Illinois, November 1986.
- Basic Evoked Potential Course, University of Chicago, Chicago, Illinois, March 1987.
- Midwest Anesthesia Resident Conference, University of Illinois and Cook County Hospital, Chicago, Illinois, March 25 - 27, 1988.
- Midwest Anesthesia Conference, Chicago, Illinois, May 12 - 14, 1988.

- The Seventh International Symposium, Intracranial Pressure and Brain Injury, Ann Arbor, Michigan, June 19 - 23, 1988.
- American Society of Anesthesiology, Annual Courses and Meeting, San Francisco, California, October 8 - 12, 1988.
- Chicago Area of Evoked Potential Society, November 5, 1988.
- International Anesthesia Research Society, Annual Courses and Meetings, Orlando, Florida, March 4 - 8, 1989.
- Midwest Anesthesia Resident Conference, University of Wisconsin, Madison, Wisconsin, March 21 - April 2, 1989.
- Midwest Anesthesia Resident Conference (MARC), University of Kansas, Kansas City, Kansas, March 31 - April 1, 1989.
- American Association of Neurological Surgeons, Annual Meeting, Washington, DC, April 1 - 6, 1989.
- The 25th Anniversary Symposium in Status of Ketamine in Anesthesiology, Ann Arbor, Michigan, June 18 - 21, 1989.
- International Motor Evoked Potential Symposium, Chicago, Illinois, August 18 - 20, 1989.
- American Electroencephalographic Society, Annual Course and Meeting, New Orleans, Louisiana, September 21 - 24, 1989.
- American Society of Anesthesiology, Annual Course and Meeting, New Orleans, Louisiana, October 14 - 18, 1989.
- Engineering and Medicine and Biology Society, 11th Annual International Conference, IEEE, Seattle, Washington, November 8 - 12, 1989.
- American Electroencephalographic Society Annual Meeting, September 23 - 24, 1990.
- Society of Neurosurgical Anesthesiology and Critical Care, Annual Meeting, Las Vegas, Nevada, October 18, 1990.
- American Society of Anesthesiology Fall Meeting, Las Vegas, Nevada, October 19 - 23, 1992.
- Midwest Anesthesia Resident Conference, Rush-Presbyterian St. Luke's Medical Center, March 22 - 24, 1991.
- American Association of Neurological Surgeons Annual Meeting, New Orleans, Louisiana, April 20 - 25, 1991.
- Society of Neurosurgical Anesthesia and Critical Care 19th Annual Meeting, San Francisco, California, October 25, 1991.
- American Association of Neurological Surgeons Annual Meeting, San Francisco, California, April 11 - 16, 1992.
- Society of Neurological Anesthesiology and Critical Care Annual Meeting, New Orleans, Louisiana, October 16, 1992.
- American Society of Anesthesiologists Annual Meeting, New Orleans, Louisiana, October 17 - 21, 1992.
- American Society of Anesthesiologists Annual Meeting, San Francisco, California, October 26 - 30, 1992.
- Neurological Surgery Review Course, The National Center for Advanced Medical Education, Chicago, Illinois, February 5 - 14, 1993, 88 Hours CME.
- American Association of Neurological Surgeons Annual Meeting, Boston, Massachusetts, April 24 - 29, 1993.
- American Epilepsy Society Symposium, Chicago, Illinois, May 15, 1993.
- Interventional Pain Management, Dannemiller Memorial Education Foundation, Boston, Massachusetts, July 16 - 19, 1993.
- Midas Review Course, Midas Rex Institute, Inc., Chicago, Illinois, September 13 - 15, 1993.
- Florida Society of Electrodiagnostic Annual Meeting, Fort Lauderdale, Florida, July 29 - 30, 1994.
- The Congress of Neurological Surgeons Annual Meeting, Chicago, Illinois, October 1 - 6, 1994.
- American Society of Anesthesiology Annual Meeting, San Francisco, California, October 15 - 19, 1994.
- The Society of Neurosurgical Anesthesiology, San Francisco, California, October 14, 1994.
- Joint International Congress of Minimally Invasive Techniques in Neurosurgery and Otolaryngology, Pittsburgh, Pennsylvania, June 17 - 20, 1995.
- The Fourth International Workshop on Cerebrovascular Surgery, Chicago, Illinois, July 11 - 14, 1995.
- Current Concepts of Spinal Instrumentation Education Design, Chicago, Illinois, July 29, 1995.
- The Society of Neurosurgical Anesthesiology and Critical Care, Atlanta, Georgia, October 20, 1995.
- American Society of Anesthesiology, Annual Meeting, Atlanta, Georgia, October 21 - 25, 1995.
- The American Association of Neurological Surgeons, Annual Meeting, April 27 - May 2, 1996.
- Neuroendoscopy Symposium: Clarus Practical Course on Pain Ablative Procedures and Augmentative Techniques, AANS, April 27 - 28, 1996.
- Hands-on Practical Course on Neuroendoscopy, Practical Anatomy, and Surgical Technique Workshop, St. Louis, Missouri, June 14 - 15, 1996.
- The Society of Neurosurgical Anesthesiology and Critical Care, New Orleans, Louisiana, October 18, 1996.
- The American Society of Anesthesiology Annual Meeting, New Orleans, Louisiana, October 19 - 23, 1996.
- Practical Anatomy and Surgical Technique Workshop of St. Louis, Surgical Approaches to the Skull Base, March 27 - 29, 1997.
- American Association of Neurological Surgery Annual Meeting, Denver, Colorado, April, 1997.

- Spine Research and Education Foundation, Practical Spine and Peripheral Nerve Workshop Course, May 17 - 23, 1997.
- The Society of Neurosurgical Anesthesiology and Critical Care Annual Meeting, October 1997.
- The American Society of Anesthesiology Annual Meeting, October 1997.
- Spinal Endoscopy Course, Southeast Seminars, December 13, 1997, Chicago, Illinois (4.5 hrs. CME).
- Inter-urban Neurosurgical Society Annual Meeting, March 13, 1998.
- The American Association of Neurological Surgery, Annual Meeting, Philadelphia, Pennsylvania, April 1998.
- Congress of Neurological Surgery, Annual Meeting, Seattle, Washington, October 3 - 8, 1998.
- The American Society of Anesthesiology, Annual Meeting, Orlando, Florida, October, 1998.
- The Society of Neurosurgical Anesthesiology and Critical Care, Annual Meeting, October 16, 1998.
- The AANS Section of Spine and Peripheral Nerve, Orlando, Florida, February 9 -13, 1999.
- A Comprehensive Intracranial Neuroendoscopy, Practical Course, March 1 - 2, 1999, University of Arkansas, Little Rock, Arkansas.
- Inter-urban Midwest and Neurosurgical Society, March 1999.
- Annual Meeting of the American Associates of Neurological Surgeons, New Orleans, Louisiana, April 24 - 28, 1999.
- The Annual Meeting of American Society of Anesthesiology, Dallas, Texas, October 1999.
- The Annual Meeting of the Society of Neurosurgical Anesthesiology, Dallas, Texas, October 1999.
- The Annual Meeting of the Congress of Neurological Surgeons, Boston, Massachusetts, October 1999.
- Interurban Neurosurgical Society, University Club, Chicago, Illinois, March 10, 2000. (CME 7 Hours)
- The Annual Meeting of the North American Skull Base Society, Phoenix, Arizona, March 14 - 21, 2000. (CME 32 Hours)
- The Annual Meeting of the American Association of Neurological Surgeons, San Francisco, California, April 8 - 13, 2000.
- 12th Annual International Spine and Peripheral Nerve Workshop: Uniformed Services University of the Health Sciences, Bethesda, Maryland, June 4 - 7, 2000.
- The Annual Meeting of the Congress of Neurological Surgeons and 2-day Practical Course, September 25 - 29, 2000, San Antonio, Texas.
- The Annual Meeting of the American Society of Anesthesiology, San Francisco, California, October 11 - 18, 2000.
- The Annual Meeting of the Society of Neurosurgical Anesthesiology and Critical Care, San Francisco, California, October 13, 2000.
- The North American Skull Base Society Annual Meeting, "Microvascular Decompression Eliminated Trigeminal Neuralgia After Five Destructive Procedures: A Case Report", Lake Buena Vista, Florida, March 6, 2001.
- Inter-urban Neurosurgical Society, University Club, Chicago, Illinois, March 9, 2001.
- Intradiscal Electrothermal Therapy (I.D.E.T.), Silver Cross Hospital, Grand Rounds, April 11, 2001.
- The annual meeting of American Association of Neurological Surgeons, Chicago, IL, April 6 – 11, 2002 – Practical workshops: "Vertebroplasty", "Approaches to Cerebral Aneurysms" and "Spinal Instrumentation".
- Management of Cervical Trauma and Approaches and Techniques in the Thoracic/Lumbar spine for Spinal Deformity, World Spine II Conference, Hyatt Regency Hotel, Chicago, IL August 10-14, 2003
- Midwest Peri-Anesthesia 40th Annual Conference, Chicago, IL May 2-4, 2003
- Microsurgical Approach to intrinsic Brain Tumors: Fiber Dissection Techniques, St. Louis University School of Medicine, Practical Anatomy Workshop, St. Louis MO, February 28- March 2, 2003
- Rush Copley Medical Center, White Eagle Country club, Aurora, IL
- "Medical Staff Leadership: Moving from a competent physician to a competent leader February 1, 2003"
- "Availability and Peer Review" April 30, 2003
- Credentialing and Privileging September 2003
- Conflict resolution skills for physician leaders
- Managing Disruptive Behavior November 2003
- University of Illinois, Neurosurgery Monthly Grand Rounds 2002-to present, Chicago, IL
- Rush Copley Medical Center, Aurora, IL April 1, 04 "Spinal Anatomy, Assessment and Clinical Syndromes"
- American Association of Neurological Surgeons, Annual Meeting, May 1-6, Orange County, FL "General Lectures" "Tumor Update" and "Spinal Stabilization" Courses
- Orthopedic Learning Center, Rosemont, IL June 4, 04 "Inflatable Bone Tamp Technology and Kyphoplasty, Course Certification"

- Northwestern Memorial Hospital, Cordis Johnson and Johnson Neurovascular Division, Chicago, IL June 26, 04 "Endovascular Techniques and devices" (Intravascular Glue application for Embolization, Certification Course"
- American Association of Neurological Surgeons, Contentital Hotel, Chicago, IL, August 29, 04 "Neurosurgical Practice Management Seminar"
- Chicago Neurological Society, University of Illinois at Chicago, Sept. 18, 04 "Spine Update: Minimal vs Maximal Approaches"
- Congress of Neurological Surgeons, Annual Meeting Oct-16-21, San Francisco, CA "General Lectures", (Update in Tumor Management: "Cervical Stabilization Techniques"
- Rush Copley Neuroscience Institute, Rush Copley Medical Center, Aurora, IL October 30, 04 "Stroke Symposium for Primary Care Physician"
- Neuro-Oncology Tumor Board, Rush Copley Medical Center, Aurora, IL: October 20, July 10, Feb 04
- Minimally-Invasive Spinal Workshop, Spinal Concepts, Rush Presb. St. Luke, November 13, 04
- Illinois Society of Anesthesiology, Fall Meeting, Oak Brook Hills, November 20-21, 04
- Chicago Neurological Society, UIC, Chicago, IL, Dec. 11, 04: "Update on Cerebrovascular Disease"
- Get with the Guidelines for Stroke Seminar, American Stroke/ Heart Association, Oakbrook, Illinois, 1/21/05
- Department of Neurosurgery at UIC, Monthly Grand Rounds, Chicago, IL
- American Society of Anesthesiology, Annual Meeting, Atlanta, GA, Oct 22-26, 2005
- The Congress of Neurological Surgeons, Annual Meeting, Boston, MA, Oct. 8-12, 2005

PRESENTATIONS:

1987

- Division of Neurological Surgery, University of Texas (Local Conference), March 20, 1987. "Modified Auditory Evoked potential - Normative and Pathologic Studies in Patients with Elevated Intracranial Pressure."

1988

- Department of Anesthesiology and Critical Care, Cook County Hospital, Chicago, Illinois (Local Conference), January – February 1988. "Intraoperative Evoked Potential Monitoring, Parts I & II."
- Midwest Anesthesia Resident Conference (MARC), University of Illinois and Cook County Hospital, Chicago, Illinois, March 25 - 27, 1988. R.F. Ghaly, J.L. Stone, J.A. Aldrete. "A Modified Auditory Evoked Response to Assess the Presence of Intracranial Hypertension." (Poster Presentation)
- The Seventh International Symposium, "Intracranial Pressure and Brain Injury", Ann Arbor, Michigan, June 19 - 23, 1988. "Modified Auditory Brainstem Responses (MABR) in Patients with Intracranial Lesions." (Poster Presentation) "Transtentorial Brain Herniation in the Monkey: Predictive Value of Brainstem Auditory and Somatosensory Evoked Responses." (Poster Presentation)
- University of Miami, Department of Neurological Surgery, Miami, Florida (Local Conference Presentation), September, 1988. "Transcranial Magnetic Motor Evoked Potential in Primates: Methods and Anesthetic Effects." (Preliminary Results)
- American Society of Anesthesiology, Annual Meeting, San Francisco, California, October 8 - 12, 1988. R.F. Ghaly, J.L. Stone, J.A. Aldrete. "Motor Evoked Potential (MEP) Following Transcranial Magnetic Stimulation in Monkey Anesthetized with Nitrous Oxide: Ketamine and Nitrous Oxide: Ketamine and Thiamylal Sodium."
- Chicago Area of Evoked Potential Society. "Motor Evoked Potential Following Transcranial Magnetic Stimulation, In Primates."

1989

- International Anesthesia Research Society, Annual Meeting, Orlando, Florida, March 3 - 4, 1989. R.F. Ghaly, J.L. Stone, J.A. Aldrete, G. Marquez. "Dose Effect Response of Ketamine on Motor Evoked Potential (MEP) Following Transcranial Magnetic Stimulation, In Primates."
- University of Miami, Department of Anesthesiology, Gainesville, Florida, (Local Conference Presentation), March 9, 1989. "Motor Evoked Potential Following Transcranial Magnetic Stimulation in Primates: Methods and Anesthetic Effects."
- Midwest Anesthesia Resident Conference (MARC), University of Wisconsin, Madison, Wisconsin, March 31 - April 2, 1989.
 - R.F. Ghaly, J.L. Stone, J.A. Aldrete. "Effects of Nitrous Oxide Concentrations on Transcranial Magnetic Evoked Potentials, In Primates."

- R.F. Ghaly, J.L. Stone, J.A. Aldrete. "Effects of Incremental Ketamine Dosages on Transcranial Magnetic Motor Evoked Potentials, In Primates."
- R.F. Ghaly, J.L. Stone, J.A. Aldrete. "Dose-Effect Response of Thiomytal Sodium on Transcranial Magnetic Motor Evoked Potentials, In Primates."
- Annual Meeting of the American Association of Neurological Surgeons, Washington, DC, April 1 - 6, 1989. R.F. Ghaly, J.L. Stone, J.A. Aldrete, W.J. Levy. "Motor Evoked Potentials in Primates: Anesthetic Considerations."
- University of Illinois, School of Medicine, Chicago Endocrine Club, Chicago, Illinois, March 17, 1989. I.M. Rosenthal, J.L. Stone, S. Clark, R.F. Ghaly. "Catecholamine Response in Head Injury."
- The 25th Anniversary Symposium, Status Ketamine in Anesthesiology, Ann Arbor, Michigan, June 18 - 21, 1989. R.F. Ghaly, J.L. Stone, J.A. Aldrete. "Effects of Ketamine Hydrochloride on Transcranial Magnetic MEPs: A Primate Study."
- Northwestern University of Medicine, Department of Anesthesiology and Critical Care, Chicago, Illinois, June 23, 1989. "A Review of Motor Evoked Potential." (Local Conference)
- The Johns Hopkins University, School of Medicine, Department of Anesthesiology and Critical Care Medicine, Division of Neuro-Anesthesia, Baltimore, Maryland, July 17, 1989. "Transcranial Magnetic Motor Evoked Potentials." (Local Conference)
- International Motor Evoked Potential Symposium, Chicago, Illinois, August 18 - 20, 1989. "Motor Evoked Potentials in the Monkey."

1990

- Annual Meeting of American of Neurological Surgeons, Nashville, Tennessee, April 28 - May 3, 1990. J.L. Stone, R.F. Ghaly, W.J. Levy. "Ketamine and Etomidate: Promising Anesthetic Agents for Intraoperative MEP Recording."
- Annual Meeting of Electroencephalographic Society, Houston, Texas, September 23 - 24, 1990. R.F. Ghaly, J.L. Stone, W.J. Levy, et. al. "Effects of Etomidate, Ketamine, or Midazolam Anesthetic Dose on Motor Evoked Potentials, In Primates."
- Annual Meeting of the American Society of Anesthesiology, Las Vegas, Nevada, October 19 - 23, 1990. R.F. Ghaly, J.L. Stone, R. Kartha, et. al. "The Effect of Etomidate on Transcranial Magnetic-Induced Motor Evoked Potentials in Primates."

1991

- Annual Meeting, Midwest Anesthesiology, Residents Conference, Chicago, Illinois, March 22 - 24, 1991. R.F. Ghaly, J.L. Stone, R. Kartha, L. Krinsky, A. Asokan, L. Alexander. "Effects of Neuroleptanalgesia on Motor Potentials Evoked by Transcranial Magnetic Stimulation in Primates." R. F. Ghaly, R. Kartha, J. L. Stone, L. Krinsky, A. Asokan, L. Alexander. "Differential Dose-Effect of Enflurane on Motor Somatosensory Evoked Potentials." R.F. Ghaly, A. Khorasani. "Thyroidectomy in Thyrotoxic Patients."
- Annual Meeting, American Association of Neurological Surgeons, New Orleans, Louisiana, April 20 - 25, 1991. J.L. Stone, R.F. Ghaly, W.J. Levy, L. Krinsky. "A Comparative Analysis of Enflurane on Motor and Somatosensory Evoked Potentials in Primates." R.F. Ghaly, J.L. Stone, W.J. Levy. "Influence of Innovar on Magnetic Motor Evoked Potentials in the Monkey."
- Chicago Medical Society, Fall Meeting, "Experience with Motor Evoked Potentials," March, 1991.
- Annual Meeting, Society of Neurosurgical Anesthesia and Critical Care, San Francisco, California, October 25, 1991. R.F. Ghaly, R. Kartha, J.L. Stone, L. Krinsky, A. Asokan. "Comparative Analysis of Enflurane Dose-Effect on Primate and Somatosensory Evoked Potentials."
- Annual Meeting, American Society of Anesthesiologists, San Francisco, California, October 26 - 30, 1991. R.F. Ghaly, R. Kartha, J.L. Stone, L. Krinsky, A. Asokan. "Comparative Analysis of Enflurane Dose-Effect on Primate Motor and Somatosensory Evoked Potentials." R.F. Ghaly, J.L. Stone, R. Kartha, A. Asokan, L. Alexander. "Effect of Neuroleptanalgesia on Motor Potential-Induced by Transcranial Magnetic Stimulation in Primates."
- Visiting Professor, Brigham and Women's Hospital, Harvard Medical School, Department of Anesthesiology, Boston, Massachusetts, December 14 - 17, 1991. "Experience with Anesthetic Influence on Motor Evoked Potentials."
- Chicago Chapter of Neuroscience Annual Meeting, University of Illinois, Chicago, Illinois. December 5, 1991 R.F. Ghaly, J. Stone, W. Levy, J. Ham, J. Lee, J. Ausman. "A Comparative Analysis of Enflurane Dose-Effect on Primate Motor and Somatosensory Evoked Potentials." R.F. Ghaly, J. Stone, W. Levy, J. Ham, J. Lee, J. Ausman., Chicago, Illinois, "Myogenic Magnetic Motor Evoked Potentials Recorded in Monkeys Sedated with Ketamine or Methohexitone."

1992

- Fall Meeting of Society of Neurological Anesthesiology and Critical Care, Las Vegas, Nevada, October 18, 1992. R.F. Ghaly, J.L. Stone, W.J. Levy, et. al. "The Effect of Etomidate or Midazolam Hypnotic Dose on Motor Evoked Potentials in the Monkey."
- Eighteenth Annual Meeting, Neurosurgical Anesthesia and Critical Care Society, Las Vegas, Nevada, October 18, 1992. R.F. Ghaly, J.L. Stone, W.J. Levy, et. al. "The Effect of Etomidate or Midazolam Hypnotic Dose on Motor Evoked Potentials in the Monkey."
- Neuroscience Post-Graduate Meeting, University of Illinois, Chicago, Illinois. Invited by Dr. D. Colbern, Course Director. "Fundamentals in Sensory and Motor Evoked Potential in Academic and Clinical Practice." February 6, 1992, Chicago, Illinois.
- Cook County Hospital, Department of Anesthesiology, Local Conference. "Cerebral Physiology." Chicago, Illinois, March 2, 1992.
- Annual Meeting, American Association of Neurological Surgeons, San Francisco, California, April 11 - 16, 1992.
R.F. Ghaly, J.L. Stone, W.J. Levy. "Recording of Generated Spinal Motor Evoked Potentials Following Transcranial Magnetic Stimulation in Primates."
R.F. Ghaly, J.L. Stone, W.J. Levy. "The Effects of Etomidate on Spinal Motor Potentials Evoked by Transcranial Magnetic Stimulation in Primates."
- Cook County Hospital, Department of Anesthesiology, Local Conference, Chicago, Illinois, July 1, 1992.
"Neuro Monitoring in Anesthesiology: Etomidate Features and Uses."
University of Illinois Neuroscience, Monthly Meeting, "Neurophysiological Monitoring." July 29, 1992.
- Annual Meeting, Society of Neurosurgical Anesthesiology and Critical Care.
R.F. Ghaly, R. Kartha, W. Levy, et. al. "Identification of Generated Motor Neuronal Potentials to Transcranial Magnetic Stimulation in Primates."
R.F. Ghaly, R. Kartha, E. Brunner, et. al. "The Effect of Etomidate on Spinal Motor Evoked Potentials Induced by Transcranial Magnetic Stimulation in Primates."
- Annual Meeting, American Society of Anesthesiology, New Orleans, Louisiana, October 17 - 21, 1992.
R.F. Ghaly, J.L. Stone, R. Kartha, et. al. "Identification of Generated Motorneuronal Potentials to Transcranial Magnetic Stimulation in Monkeys." (Oral Presentation)
R.F. Ghaly, R. Kartha, J.L. Stone, et. al. "The Effect of Etomidate on Spinal Motor Evoked Potentials Following Transcranial Magnetic Stimulation in Primates." (Oral Presentation)
- International Symposium on Microvascular Surgery for Cerebral Ischemia XI. Madrid, Spain, November 22 - 27, 1992.
M. Dujovny, R. Ghaly, F. Charbel, J. Ausman. "Perioperative Monitoring for Aneurysmal Subarachnoid Hemorrhage." (Oral Presentation)

1993

- American Association of Neurological Surgeons, Annual Meeting, Boston, Massachusetts, April 24 - 29, 1993. R.F. Ghaly, W.J. Levy, J. Lee, J. Ham, M. Dujovny, J. Ausman. "Ketamine Maintains Direct and Indirect Spinal Motorneuronal Potentials to Transcranial Magnetic Stimulation in Primates." (Poster)

1994

- Florida Society of Electrodiagnostic (FSET) Annual Meeting, Fort Lauderdale, Florida, July 29 - 30, 1994.
"Principles of Neuroprotection." (Oral Lecture) "Effects of Anesthetics on Motor Evoked Potentials." (Oral Lecture)
- Visiting Professor, Department of Anesthesiology, University of Rochester, Rochester, New York, August 16, 1994.
"Cerebral Oximetric Saturation Study."
- American Academy of Pain Management Annual Meeting, Vancouver, British Columbia, Canada, August 18 - 21, 1994. J.A. Aldrete, L.A. Vascello, R. Ghaly, et. al. "Intensity, Frequency, and Diversity of Symptoms Occurring in Patients with Adhesive Arachnoiditis." (Poster)
- The Osler Pain Management Board Review Course, Chicago, Illinois, September 3 - 7, 1994. "Pain and Spinal Central Origin." (Oral Lecture)
- The Society of Neurosurgical Anesthesiology Annual Meeting, San Francisco, California, October 14, 1994. "Isoflurane Maintains Direct Non-Synaptic But Not Indirect Synaptic Motor Volleys to Transcranial Magnetic Stimulation." (Poster)
- The American Society of Anesthesiology Annual Meeting, San Francisco, California, October 15 - 19, 1994. "Basic Radiology of the Spine for Anesthesiologist." (Scientific Exhibit)

1995

- The Osler Institute. Pain Management Board Review Course, Charlotte, North Carolina, January 26 - 29, 1995. "Neurosurgical Techniques for Pain." (Oral Lecture - Excellent Comments)
- Local Conference, Department of Anesthesiology, Cook County Hospital, Chicago, Illinois (Oral Lecture) "Brain Physiology, March 15, 1995." Neuroprotection, March 28, 1995 Anesthesia Grand Rounds, Cook County Hospital, Chicago, Illinois (Guest Oral Lecture)
"Neurosurgical Techniques for Pain Control."
"Central Neural Stimulation for Pain Control."
- The Annual meeting of the American Society of Regional Anesthesia, Orlando, Florida, March 31 - April 1, 1995. "Basic Radiology of the Spine in Anesthesiologists," Scientific Exhibit.
- The Annual Meeting of the American Association of Neurological Surgeons, Orlando, Florida, April 26 - 29, 1995.
R. Ghaly, F. Charbel, J. Ausman. The Use of Propofol in Neurosurgical ICU.
F. Charbel, S. Winkler, D. Rak, R. Ghaly, J. Ausman. Acute Pancreatitis in the Neurosurgery ICU: A Potential Complication of Hypervolemic Hypertensive Hemodilution Therapy.
- The American Society of Anesthesiologists Workshop on Chronic Pain Management, Milwaukee, Wisconsin, August 26 - 27, 1995. (Guest Lecturer)
"Surgical Treatment of Low Back Pain Injury."
"Neurosurgical Ablative Procedures for Pain Management."
- The Annual Meeting of the Society of Neurosurgical Anesthesiology and Critical Care, Orlando, Florida, October 20, 1995. R. Ghaly, J. Lee, J. Ham. Neural motor volleys recorded under nitrous oxide inhalation.
- The Annual Meeting of the Congress of Neurological Surgeons, October 14 - 19, 1995. S. Levy, R. Ghaly. EMG Analysis during Spinal Surgery.
- The Annual Meeting of American Society of Anesthesiology, Atlanta, Georgia, October 21 - 25, 1995. J. Aldrete, R. Ghaly, L. Vasiello, D. Tomlin, F. Montpetit. Identification of Landmarks in MRI Films of Lumbar and Cervical Spines by Anesthesiologists.

1996

- The American Association of Neurological Surgeons, Minneapolis, Minnesota, April 27 - May 2, 1996.
R. Ghaly, J. Stone, J. Levy, J. Ham, P. Roccaforte. "The Effect of Nitrous Oxide on Synaptic and Non-Synaptic Neural Motor Evoked Potentials."
R. Ghaly, J. Stone, J. Levy, J. Ham, J. Lee, S. Wylie, P. Roccaforte. Analysis of Neural Motor and Sensory Volleys During Spinal Cord Compression.
- CINN Wednesday Conference, Lecturer, May 8, 1996. Introduction to Neuroendoscopy.
- Neuroscience Nursing Course, Silver Cross Hospital and CINN, Joliet, Illinois, June 24, 1996. Lecturer, "Spine Anatomy and Disorders."
- The Regional Society of Anesthesiology: Pain Review Course, Chicago, Illinois, August 2 - 6, 1996. Lecturer, Neurosurgical Techniques for Pain.
- The Osler Institute: Pain Review Course, Chicago, Illinois, September 2 - 6, 1996. Lecturer, "Neurosurgical Management of Pain" and "Spine Anatomy and Injury."
- The National Center for Postgraduate Education Cook County Pain Review Course, September 2 - 6, 1996, Chicago, Illinois, Lecturer, "Neurosurgical Approaches to Pain Part I and II."
- Regional Physician Meeting, Silver Cross Hospital, Joliet, Illinois, Oral Presentation. Pain as a Presenting Symptom in Neurosurgery Emergency. October 16, 1996.
- Society of Neurosurgical Anesthesiology and Critical Care, New Orleans, Louisiana, October 18, 1996. Poster. R. Ghaly, S. Wylie, J. Lee, J. Ham, A. Winnie. The effect of Graded Cord Compression on Spinal Motor and Somatosensory Evoked Potentials.
- Silver Cross Hospital, Quarterly Neuroscience Grand Rounds, Joliet, Illinois, October 9, 1996. Lecturer, "Neuroanatomy of Cervical Spine."
- Silver Cross Hospital, Joliet, Illinois, October 26, 1996. Lecturer "Current Challenges and Innovation in Neurosurgery."
- Cook County Hospital, Local Anesthesia Conference, November 7 and 14, 1996. Lecturer, "Neurophysiology of Neuromonitoring to the Anesthesiologist" and "Anesthesia for Patients with Neuroendocrine Tumors."
- Joliet Junior College, Joliet, Illinois, December 12, 1996. Lecturer, "Pain As A Presenting Symptom in Spinal Emergencies."

1997

- Silver Cross Hospital, Quarterly Neuroscience Grand Rounds, Joliet, Illinois, January 8, 1997. Lecturer, "Introduction to Cranial Nerve Rhizopathies and Percutaneous Techniques."

- CINN-Silver Cross Hospital Annual Symposium Meeting, Joliet, Illinois, April 26, 1997. Lecturer, “Minimally Invasive Approaches to Spine Diseases.”
- Local Conference, Chicago Institute of Neurosurgery and Neuroresearch, February 12, 1997. “Neurosurgical Management of Pain.”
- The Eighth Annual Meeting, American Society of Neurophysiology Monitoring, Chicago, Illinois, May 1 - 3, 1997. Lecturer , “Anesthesia Effects on the Motor Systems.”
- Silver Cross Hospital, Quarterly Neuroscience Grand Rounds, Joliet, Illinois, July 9, 1997. Oral Presentation with Case Discussion. Lecturer, “Management of Complex Pain Syndromes.”
- Neuroscience Nursing Symposium: Lecturer, Silver Cross Hospital, Joliet, Illinois, June 9, 1997, Riverside Hospital, Kankakee, Illinois, June 19, 1997 and “Management of Cervical Diseases.”
- Dominican University, River Forest, Illinois, June 19, 1997, Guest Lecturer “Multi-culture Communication and Leadership.”
- Local Conference, Columbus Hospital, Chicago, Illinois, October 8, 1997, “Endoscopic Carpal Tunnel Release Surgery.”
- CINN Symposium at Riverside, Kankakee, Illinois, November 11, 1997, “Endoscopic Carpal Tunnel Release Surgery.”
- Neurorehabilitation CINN Annual Symposium, Chicago, Illinois, November 6, 1997, “Percutaneous Techniques for Trigeminal Neuralgia.”

1998

- Dominican University, River Forest, Illinois, April 6, 1998, Guest Speaker, “Intercultural Leadership.”
- Dominican University, Leadership and Corporate Communication, Guest Lecturer, June 27, 1998. “International Executive Etiquette, a Middle Eastern Perspective.”
- Local Quarterly Grand Rounds, Silver Cross Hospital, Joliet, Illinois, July 8, 1998.
- Local Conference: Department of Anesthesiology, Cook County Hospital, October 15, 1998.
 - Lecture 1 Cerebral Physiology and Anesthetic Considerations
 - Lecture 2 Cerebral Monitoring
- The American Society of Anesthesiology, Annual Meeting, October, 1998. Scientific and Education Exhibits: “Can Anesthesiologists Identify Spinal Lesions in Diagnostic Imaging Films?”
- Local Endoscopic Carpal Tunnel Surgery Conference, Silver Cross Hospital, Joliet, Illinois, November 19, 1998.

1999

- Local Conference, Chicago Institute of Neurosurgery and Neuroresearch, January 20, 1999, Endoscopic Brain Surgery.
- Spine and Peripheral Nerve Section of AANS, February 9 - 11, 1999, Orlando, Florida. “Endoscopic Carpal Tunnel Release Surgery: Initial Outcomes” Poster.
- Bi-monthly CINN-Chiropractor Case Conference, 1998 to 2001
- R.F. Ghaly. Case Studies from the Neurosurgery ICU Diprivan Zeneca pharmaceuticals, Wilmington, Delaware 19850-5437.
- Local Conference, Silver Cross Hospital, Joliet, Illinois, June 9, 1999. Carpal Tunnel Syndrome Diagnosis and Treatment.
- R.F. Ghaly, K.L. Saban, D. Haley. The Annual Meeting of the Society of Neurosurgical Anesthesiology, Dallas, Texas, October, 1999. Poster Presentation, “Patient Satisfaction with Endoscopic Carpal Tunnel Release Surgery Under Local Anesthesia.”

2000

- Ghaly, R.F. Neurosurgical Approaches to Peripheral Nerves, Part I. Rush-Presbyterian-St. Luke's Medical Center Local Neurosurgery Resident Lecture , February 11, 2000.
- Ghaly, R.F. Carpal Tunnel Syndrome - Surgical Management at Neurology - Neurosurgery Grand Rounds. Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois, February 16, 2000.
- Ghaly, R.F. Perioperative Management of Cerebral Aneurysms Part I. Neuro Core Group at Silver Cross Hospital, Joliet, Illinois, March 6, 2000.
- Ghaly, R.F. Perioperative Management of Cerebral Aneurysms, Part II. Neuro Core Group at Silver Cross Hospital, Joliet, Illinois, March 6, 2000.
- Ghaly, R.F. Carpal Tunnel Syndrome: The Latest Treatment. Silver Cross Hospital, Joliet, Illinois, March 8, 2000.

- L. Wania-Galicia, Ghaly, R.F. Patient Satisfaction with Endoscopic Carpal Tunnel Release Surgery Under Local Anesthesia and Minimal Sedation, Midwest Anesthesia Resident Conference, Chicago, Illinois, March 17 - 19, 2000.
- Ghaly, R.F. Perioperative CVA. Department of Anesthesiology, Cook County Hospital, March 30, 2000.
- Ghaly, R.F. Perioperative Management of Cerebral Aneurysms, Part II. Neuro Core Group at Silver Cross Hospital, Joliet, Illinois, April 13, 2000.
- Ghaly, R.F. Tumor Board Mets to Brain at Silver Cross Hospital, April 27, 2000. (CME 1 Hour)
- Rush-Presbyterian-St. Luke's Medical Center Course Directory for one-day Symposium on Complex Facial Pain and Headache: Diagnosis and Current Management, CINN-Silver Cross Hospital, May 20, 2000.
- Local 2-hour Lecture to Neurosurgery residents on Neurosurgical Approaches to Peripheral Nerves, Part II. June 13, 2000.
- Visiting Professor, Department of Neurological Surgery, Cayuga Medical Center, Ithaca, New York, August 25, 2000.
- Ghaly, R.F. Management of Cervical Disc Disease. CINN Chiropractic Conference, September, 2000.
- Local Conference, Department of Anesthesiology at Cook County Hospital. Evoked Potentials and Electroencephalography in Anesthesiology, October 2000.
- Annual Meeting of the Society of Neurosurgical Anesthesiology and Critical Care, San Francisco, California, October 12, 2000. (Poster)
"High Dose Methylprednisolone Infusion Provided Temporary Protection Against Cord Compression Until Decompressive Evacuation of Epidural Cervical Thoracic Hematoma Following Ten-Hour Delay: A Case Report and Discussion."
- Local Conference, Department of Anesthesiology, Cook County Hospital, Chicago, Illinois.
Brain Physiology and Anesthesia, October 6, 2000
Neurophysiology and Anesthesia, November 2, 2000
Neuroanesthesia Grand Rounds, December 7, 2000
- Silver Cross Hospital, Joliet, IL, "Complex Facial Pain and Headache: Diagnosis and Current Management Symposium", May 20, 2000

2001

- Local Conference, Med Works Occupational Health, "The Treatment of Carpal Tunnel in the Work Place", Joliet, Illinois, February 8, 2001.
- "Endoscopic Carpal Tunnel Release: Initial Outcomes"
"Microvascular Decompression Eliminated Trigeminal Neuralgia Refractory to 5 Destructive Procedures: A Case Report"
 - "High-dose Methylprednisolone Infusion Provided Temporary Protection Against Cord Compression Until Decompressive Evacuation of Epidural Cervicothoracic Hematoma: Following Ten Hour Delay" I
- Local Conference, Department of Anesthesiology, Cook County Hospital, "Neurosurgical Case Discussions", February 22, 2001.
- Local Conference "Neuroanesthesia Grand Rounds", March 21, 2001
- Local Presentation, Rush University Forum for Research and Clinical Investigation, April 4 - 6, 2001.
- Ghaly, R.F. Lecturer Intracultural Communication and Humanity, Dominican University, River Forest, Illinois, Professor Richard Calabrese, April 17, 2001.
- "Brain Tumors", Silver Cross Hospital, Joliet, IL, Apr. 18, 2001,
- Lecture at Dominican University, River Forest, Illinois "Health Care Administration from Physician's Point-of-View", Professor Kathleen Prunty, May 19, 2001.
- Community Lecture at Silver Cross Hospital (Brain Tumor), Joliet, Illinois, May 24, 2001.
- Course Director and Lecturer, "Stroke Management in the New Millennium", Silver Cross Hospital, Joliet, Illinois, June 16, 2001. "Surgical Management for Stroke".
- Chiropractor Neurosurgery Case Conference, "Surgical Causes of Headache", Silver Cross Hospital, Joliet, IL, Sept. 7, 2001.
- Department of Communication, Dominican University, River Forest Intercultural Communication, Oct. 3, 2001.
- Oral Examiner, Neurosurgery Board Review Course, The Osler Institute, Lisle, IL, Oct. 13 -14, 2001.
- "Brain Injury in the New Millennium – Faith and Medicine", 3rd Annual Clubhouse Gala 2001, Chicago Historical Society, Oct. 23, 2001.

- “Stroke Update for the community”, Silver Cross Hospital, Joliet, IL, Oct. 30, 2001.
- Department of Anesthesiology, Cook County Hospital, Chicago, IL,
Oct. 25, 2001 - “Cerebral Physiology and Pharmacology”
Nov. 1, 2001 - “Intraoperative Neurophysiology Monitoring”
Nov. 1, 2001 - “Neuro-Anesthesia Case Discussion”
- Dominican University, Department of Communication, Nov. 17, 2001, Dr. Calabrese, Chairman, “Cultural Unity”.
- Silver Cross Hospital, Joliet, IL, “Stroke Management in the New Millennium”, June 16, 2001

2002

- “Stroke Update for the Community”, Rush-Copley Medical Center, Aurora, IL, Jan. 23, 2002.
- Chiropractor – Neurosurgery Case Conference, “Management of Lumbar Disc Disease”, Rush-Copley Medical Center, Aurora, IL, Jan. 25, 2002.
- “Carpal Tunnel Syndrome Management”, Rush-Copley Medical Center, Aurora, IL, Feb. 3, 2002.
- Rush-Copley Medical Center – Intensive neurosciences education courses, Aurora, IL:
 - 1/24/02 Neuroanatomy and neurological assessment
 - 1/30/02 Neurological assessment
 - 2/7/02 Intervertebral disc injury and spine tumors
 - 2/14/02 Spinal disc disease and tumors
 - 2/21/02 Brain tumors
 - 2/21/02 Cerebrovascular accidents
 - 2/28/02 Intracranial pressure
 - 2/28/02 Cerebral aneurysms and arteriovenous malformation
 - 3/7/02 Head trauma and spine trauma
 - 3/14/02 Spine cord injury
- “Surgical Treatment of Lumbar Disc Disease”, Ghaly Neurosurgical Case Conference, Chiropractic and Northern Illinois Chiropractic Society, Rush-Copley Medical Center, Aurora, IL, January 25, 2002 and April 26, 2002.
- “Carpal Tunnel syndrome and Endoscopic Surgery”, Rush-Copley Medical Center, Aurora, IL, February 6, 2002.
- “Handling Brain and Spine Insults”, lecturer, Air Angels, Aurora, IL, March 21, 2002.
- Round table discussion on a patient with subarachnoid hemorrhage, Multidisciplinary Neuroscience Team, Rush-Copley Medical Center, Aurora, IL, March 27, 2002.
- “Recognizing Spinal Emergencies”, lecturer, Rush-Copley Family Practice Residency Program, Rush-Copley Medical Center, Aurora, IL, April 3, 2002.
- “The Acute Stroke Treatment Program”, American Stroke Association, Oak Brook, IL, April 13, 2002.
- “Surgical Management of Stroke”, guest speaker, Annual Multidisciplinary Stroke Course, Advancing Stroke Care in Modern Age, Rehabilitation Institute of Chicago, Chicago, IL, April 19, 2002.
- “Subarachnoid Hemorrhage Postpartum – Patient Discussion”, Rush-Copley Medical Center, Aurora, IL, April 21, 2002.
- “Cervical Spine Injury”, trauma service grand rounds, Rush-Copley Medical Center, Aurora, IL, May 7, 2002.
- “Surgical Treatment of Headaches”, Copley-Mercy CME Consortium, Rush-Copley Medical Center, Aurora, IL, May 20, 2002.
- “Why Bring a Regional Neurosurgical Center Close to Home?”, “Full Scope of Neurosurgery Services”, “Neurosurgical Case Study”, symposium lecturer, “Neurosurgical Care Close to Home”, Rush-Copley Medical Center, Aurora, IL, June 29, 2002
- “Gliomatosis Cerebri”, Tumor Board, Rush-Copley Medical Center, Aurora, IL, July 26, 2002.
- “Glioblastoma Multiforme”, Tumor Board, Rush-Copley Medical Center, Aurora, IL, August, 23, 2002.
- “Surgical Management of Stroke”, oral lecturer in the “New Era of Stroke Management”, Rush-Copley Medical Center, Aurora, IL, November 2, 2002.
- “Steps During Illness and Grief: Patient and Physician Until the Final Good-Bye”, lecturer, Dominican University, Department of Communication, River Forest, IL, November 5, 2002.
- “Neurosurgical Viewpoints, Neurosurgical Techniques, Clinical Decision-Making”, lecturer, Clinical and Rehabilitative Approaches for Worker’s Compensation Patients, Athletic and Therapeutic Institute (ATI), Joliet, IL, November 7, 2002.
- Rotary One, Chicago Athletic Club, Chicago, IL December 10, 2002 “Help prevent stroke in America: The silent epidemic and the role of the three P’s”

- Rotary One/Chicago – Rotary International “Stroke in America: The Silent Epidemic and the Role of the Three P’s”, Chicago Athletic Club, December 10, 2002
- The Copley-Mercy CME Consortium “The New Era of Stroke Management”, course symposium director, Rush-Copley Medical Center, November 2, 2002
- The Copley-Mercy CME Consortium “Neurosurgery Care Close to Home” symposium director, Rush-Copley Medical Center, June 10, 2002
- American Stroke Association & Acute Stroke Treatment Program “Developing an Effective Primary Stroke Center in Your Hospital”, McDonalds, Oak Brook, IL, April 13, 2002
- American Stroke Association, “The Operation Stroke Primary Kit to Physicians Across the Nation”, April, 2002
- Rehabilitation Institute of Chicago, guest speaker for “Surgical Treatment of Stroke”, annual multi-disciplinary stroke course, “Advancing Stroke Care in the Modern Age”, Chicago, IL, April 19, 2002

2003

- Rush Copley Medical Center-Tumor Board- Aurora, IL 2003
 - Gliometosis Cerebri January 24, 2003
 - Eosinphili Granuloma January 24, 2003
 - GBM, April 11, 2003
 - Glioblastoma Multiforme , August 1, 2003
 - Anaplastic Astrocytoma, June 1, 2003
 - Atypical Meningioma, November 22, 2003
 - Cavernous Sinus Meningioma, March 21, 2003
 - Metastatic Brain Tumors
- Rush Copley Medical Center- Neuroscience Multidisciplinary Grand Rounds
 - Stroke: Decompressive craniectomy for malignant cerebral infarction May 22, 2003
 - Tuberculosis of the Central Nervous System, March 20, 2003
- Rush Copley Medical Center- Neuroscience Grand Rounds
 - Closed head Injury January 30, 2003
 - Neurosurgery case presentation Glioblastoma Multiforme and Cavernous Sinus meningioma, June 30, 2003
 - Guillian Barre Syndrome, August 8, 2003
 - Severe Head injury following MVA, January 30, 2003
 - Herpes encephalitis, February 27, 2003
- Association of Surgical Technologist, Orthopedic and Neurosurgical Forum, Omni Ambassador Hotel, Chicago, IL September 21, 2003, Surgical Techniques of Pain Management
- Athletic and Theraputic Institute, Joliet, IL February 20, 2003 “ Carpal Tunnel Syndrome: New advances in the treatment and rehabilitation”
- The Copley-Mercy Consortium, Rush Copley Medical Center, Aurora, IL ovember 15, 2003 “ surgical management of cervical and lumbosacral spine diseases” breakthroughs in the treatment of spine disorders”
- Dominican University, River Forest, IL March 27, 2003 “ Crisis communication of the american health care issues- Grieving how to break the news”
- Rush Copley Womens Escape Health fair, Rush Copley medical Center, Aurora, IL March 15, 2003 Neuroscience care at Rush Copley Medical center”
- Chiropractor-neurosurgical case discussion, Rush Copley Medical Center, aurora, IL May 9, 2003 “ Outpatient Lumbar Microdiskectomy”
- Cook County Hospital, Department of Anesthesiologist-Neuroanesthesia, Chicago, IL June 10, 2003 “ Neuro-anesthesia and neurophysiology and May 26, 2003 anesthetic considiation for neurophysiological Monitoring Evoked Potential and electroencephalogram
- Rush Copley Board preesentation, Stroke Present and Future, October 6, 2003
- Rush Copley Medical Center, “Stroke” guest board member speaker, Aurora, IL October 6, 2003
- American Society of Anesthesiologist, Scientific and Educational Exhibitor/Presenter, ASA Annual Meeting, Park Ridge, IL October 11-15, 2003
- The Copley-Mercy Consortium “Breakthroughs in the Treatment of Spinal Disorders”, Symposium Director, Rush Copley Medical Center, November 15, 2003
- Copley Medical Center, Chiropractor Neurosurgical Case Discussion, “Surgical Management of Cervical Disc Disease”, November 24, 2003
- Cook County Hospital, Chicago, IL “Neurophysiology and Neuroendocrinology” lecturer, November 20, 2003

- Cook County Hospital, Chicago, IL, “Neurophysiological Monitoring” lecturer, November 26, 2003
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- Cook County Hospital Department of Anesthesiology and Pain Management, Chicago, IL November 19, 2003 Evoked potential and electroencephlogram monitoring under anesthesia Neurophysiology and neuroendocrinology November 26, 2003
- Chiropractor Neurosurgical Case Discussion, Rush Copley Medical Center, Aurora, IL Surgical management of cervical disc disease November 24, 2003

2004

- Rush Copley Medical Center, Web Chat, March 18, 04, Aurora, IL “Carpal Tunnel Syndrome”
- Rush Copley Medical Center, Family Practice Residency, March 24, 04, Aurora, IL “Spinal Emergencies”
- Neurosurgical Chiropractor Meetings- Rush Copley Medical Center
Endoscopic Carpal Tunnel Surgery and New Techniques February 13, 2004
Lumbar Degenerative disc disease
- Indiana Health Insurance, Intracorp, Downers Grove, IL June 24, 04 “Subdural Hematoma”
- An Interview with an “Egyptian American” by Gina Gilchrist, RN, Tran cultural Nursing, July 31, 04 Aurora, IL
- Western Cable TV, Plainfield and Orland Park, Interview with Karen Gibson Show, July 13 and August 12, 04, “Issues with Neurosurgery in the Community and Book Christianity and the Brain”
- St. George Orthodox Church, Monee, IL, July 10, 04 “Christianity and the Brain”
- Neuroscience Grand Rounds, Rush Copley Medical Center, Quarterly: Feb, June, November, 04
- Dept. of Anesthesiology and Pain Management, Cook County Hospital J. Stroger, Chicago, IL August 5 and November 18, 04: “Anesthesia and Neurophysiology” and (Neuroanesthesia and Cerebral Dynamics”
- Rush Copley Medical Center- Tumor Board
Neuroscience Tumor Board Monthly, 2004
- Rush Copley Neuroscience Institute, Aurora, IL “Stroke Symposium for Primary Care” October 30, 04 “Neurosurgical Management for Stroke”
- Department of Anesthesiology, Cook County Hospital, November 18, 04, local presentation: “Understanding Cerebral Dynamics for the Anesthesiologist”

2005

- Rush Copley Tumor Board, Monthly 2005, Aurora, Illinois 60504
- Depart Anesthesiology, Cook County Hospital, Chicago, IL Feb 10, 05: Lecture on “Subarachnoid Hemorrhage Diagnosis and management: Anesthesiology Consideration for the Anesthesiologist”
- Rush Copley Medical Staff Grand Rounds, Feb 24, 05, Aurora, IL: “BRAIN TUMORS: DIAGNOSIS AND MANAGEMENT”
- Weekly Multidisciplinary Case conference, Rush Copley Medical Center, Aurora, IL, 8-9am Fridays 2001- to present for In-House case discussion and Education
- Neuroscience Tumor Board Conference, Rush Copley Medical Center, Aurora, IL, April 29, 05: % Case Review of Brain and Spinal Tumors
- “Could you have a Stroke”, Rush Copley Heart Institute, May 4, 05
- “Neurophysiological Monitoring Under Anesthesia for Neurosurgery Patients”, Neuro-Anesthesiology, Department of Anesthesiology, J. Stroger of Cook County Hospital, Chicago, IL September 8, 05
- Rush Copley Family Practice Residency, September 21, 05, Aurora, IL: “Emergency Spinal Disorders for Primary Care Physician”
- American society of Anesthesiology, Scientific exhibit, Atlanta, GA, Oct 22-26, 2005:
“Can anesthesiologists indicate steroid epidural injections from MRI films?”
“Extreme cases of Arachnoiditis from interventional and spinal operative procedures.”
- J. Stroger of Cook County Hospital, Dept. of Anesthesiology and Pain Management, Oct, 26, 2005: “Neurophysiology for the anesthesiologist.”
- Visiting Professor, Dept of Cultural Development, Dominican University, Riverside, Illinois, November 5, 05 "Invitation by Professor Richard Calbrase"; "Culture Diversity and keys to success"

2006

- Rush Copley Nursing: "Neuro- Assessment and Diagnosis of Neurosurgical disorders", Feb 24, 06, Aurora, IL
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ABSTRACTS:

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CHAPTERS:

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CURRENT INTERESTS:

- Endoscopic and Minimally Invasive Neurosurgical Procedures
- Surgical Approaches to Deep Brain Structures
- Peripheral Nerve Surgery

- Outcome Assessment and Practice Refinement
- Neurosurgical Pain Management and Arachnoiditis
- Philosophical Aspects of the Brain
- Intercultural Communication
- Challenges Facing Community Medicine and Neuroscience in particular
- Improvement of Stroke Management Across the Communities
- Faith and Medicine

ONGOING RESEARCH STUDIES:

- Analysis of Motor and Sensory Neural Responses Under Various Anesthetic Agents and the Effects of Graded Cord Compression
- Development of Neurologic Recovery Score (Ghaly-Aldrete Neuro Recovery Score (09/2005 to present)
- Airway Assessment by bedside Ultrasound Technique (2/2006 to present)
- Complex Case Reports
- Outcome Studies
 - Lumbar Microdiskectomy
 - Carpal Tunnel Release
- Spirituality in Medicine: Faith and Medicine

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