

CURRICULUM VITAE



Dr. T.S. Ravikumar

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PRIMARY FIELD/SPECIALIZATION/EXPERTISE

Biomedical & Health Services Research , Care models including
Universal Health Care, Population Health, Health Care quality & Patient
Safety, Surgical Oncology, Learning Innovations

Academic Appointments

1981 - 1982	Instructor in Surgery, University of Minnesota, School of Medicine
1984 - 1985	Assistant Professor of Surgery, S.U.N.Y. Downstate Medical Center
1986 - 1989	Assistant Professor of Surgery, Harvard Medical School
1989 - 1990	Associate Professor of Surgery, Harvard Medical School
1990 - 1993	Associate Professor of Surgery, Yale University School of Medicine
1993 - 1998	Professor of Surgery, Molecular Genetics & Microbiology, Robert Wood Johnson Medical School, New Jersey
1998 - 2005	Professor and University Chairman, Dept. of Surgery, Albert Einstein College of Medicine, New York
2005 - 2008	John D. Mountain Endowed Chair and Professor of Surgery, Albert Einstein College of Medicine
2012 - 2015	Director, Jawaharlal Nehru Institute of Postgraduate Medical Education & Research (JIPMER)
2013 – 2015	Professor, Surgical Oncology, JIPMER
Sep 2015 - Till Date	Director cum Vice-Chancellor & Professor of Surgical Oncology, SVIMS, Tirupati
2018	Chittur Viswanathan Parvathy Endowed Chair in Health Care Quality & Patient Safety
2018	President, AIIMS, Mangalagiri

Hospital Appointments

1981 – 1982	Assistant Attending-in-Surgery, University of Minnesota
1981 – 1982	Member, Medical Staff, Veteran's Administration Hospital, Minneapolis
1984 – 1985	Assistant Attending-in-Surgery, Maimonides Medical Center
1984 – 1985	Assistant Attending-in-Surgery, Coney Island Hospital
1986 – 1990	Attending Surgeon, New England Deaconess Hospital, and Dana Farber Cancer Institute, Harvard Medical School, Boston, MA
1990 – 1993	Chief of Surgical Oncology <ul style="list-style-type: none">• Yale-New Haven Hospital• Yale Comprehensive Cancer Center• West Haven V.A. Hospital

1990 - 1993 Clinical Coordinator of the West Haven VA Comprehensive Cancer Program
 1990 - 1993 Director, Yale Comprehensive Breast Care Center
 1992 - 1993 Co-Director, Yale Comprehensive G.I. Oncology Center
 1993 - 1998 Chief, Surgical Oncology, Robert Wood Johnson University Hospital and St. Peter's Medical Center
 1993 - 1998 Chief of Surgery, The Cancer Institute of New Jersey
 1995 - 1998 Associate Director, The Cancer Institute of New Jersey, and Director for Education & Training
 1998 - 2005 Surgeon-in-Chief, Montefiore Medical Center, July 1998
 2001 - 2005 Program Director, Surgical Residency, Montefiore Medical Center, New York
 2005 - 2008 Chairman of Surgery – North Shore University Hospital-LIJ Medical Center, New York
 2005 - 2008 Surgeon-in-Chief - North Shore University Hospital-LIJ Medical Center, New York
 2005 - 2008 Senior Vice President, Surgical Services – NS-LIJ Health System
 2009 – 2010 Chair Oncology Service Line-Geisinger Health System, Pennsylvania
 2009 - 2010 Member, Board of Directors – Pennsylvania Cancer Control Consortium
 2009 - 2011 Chief Quality Officer Surgery/Interventional-Geisinger Health System, Pennsylvania
 Director, Center for Surgical Innovation-Geisinger Health System, Pennsylvania
 2010 - 2011 Principal Investigator/Medical Director – National Cancer Institute Community Cancer Center Program, Geisinger Health System, Pennsylvania

Education/Training/Fellowship/Degrees

1966-1973	M.B.B.S	Bachelor of Medicine and Surgery, Thanjavur Medical College, Madras University, India
1973-1976	M.S	Master of Surgery, Madras Medical College, India
1978	FRCS	Fellow of Royal College of Surgeons of Edinburgh
1980	FRCS	Fellow of Royal College of Surgeons of Canada
1982	FACS	Fellow of American College of Surgeons

Internship and Residencies

1972	- 1973	Intern, Thanjavur Medical College Hospital, Madras University, India
1973	- 1976	Postgraduate in General Surgery, Madras Medical College, India
1976	- 1980	Resident in General Surgery, Maimonides Medical Center, S.U.N.Y.- Downstate, Brooklyn, New York
1980	- 1981	Fellowship in Surgical Oncology, University of Minnesota Hospital, Minneapolis, MN
1982	- 1984	Research Fellowship in Surgical Oncology, National Research Service Award; Brigham & Women's Hospital and Dana Farber Cancer Institute, Harvard Medical School, Boston, MA

Licensure and Certification

1977	Licensed in Connecticut #18426
1978	Licensed in New York #135690-1
1980	Licensed in Minnesota #25796
1982	Licensed in Massachusetts #49762
1994	Licensed in New Jersey #60268
2008	Licensed in Pennsylvania #435871
1981	American Board of Surgery #26997

Awards and Honours:	
1965	Marsh Gold Medal -- Ranked first in school final exam
1965	Isaac Daniel Medal -- Highest marks in school Board Exam
1965-71	National Merit Scholarship
1966	Rama Subbaiyar Medal -- Pre-Professional Course, Loyola College, Madras, India
1972	Surgery Medal -- Highest marks in University Exam
1976	Mohan Rau Prize -- Ranked first in University; Master's Degree (M.S.) in Surgery
1977	Abraham Mandelberg Traveling Fellowship
1983	James Ewing Foundation - Travelling Fellowship Award; Society of Surgical Oncology
1985	Inaugural Dr. Venkatraman Memorial Oration -- Post-Centennial Golden Jubilee Celebrations, Madras Medical College, February 5, 1985
1993	Marquis Who's Who in Science and Engineering
1993	American Society for Surgeons of Indian Origin -- Outstanding Contribution Award, 10/12/93
1996	The Best Doctors in America®: Northeast Region (1996-1997)
1999	Attending of the Year, Surgery, Montefiore Medical Center
1999	The National Registry of Who's Who, Life Member
1999	Best Doctors in the New York Area®
1999	Top Doctors, New York Magazine (NYM 1999)
2000	Distinguished Physician Award – Association of Tamil Nadu Medical Graduates USA
2000	21 New Yorkers to Watch in 21st Century – New York Daily News
2000	How To Find The Best Doctors New York Metro (NY 2000)
2001-2005	Top Doctors, NY Metro, New York Magazine
2004-2005	America's Top Surgeons
2005-2007	The Best Doctors in America
2006	Attending of the Year in Surgery, NS-LIJ Health System
2006	Silver Jubilee Celebration Honoree, Nargis Dutt Memorial Foundation, Inc., New York, Nov. 5
2007-2008	The Best Doctors in America
2007	America's Top Physicians
2009	Best Doctors in America
2011	Alumni honoree - Maimonides Centennial Alumni Magazine
2013	Fellow, Indian Society of Biomedical Scientists
2014	Special Recognition Award, Society of Emergency Medicine India, EMCON Nov, 2014
2015	As CEO of JIPMER, received "Best Hospital with Medical College – Non Metro 2014 award" India Healthcare Awards by CNBC TV18 & ICICI Lombard
2018	Honorary Fellow, Andhra Pradesh Akademi of Sciences

Ongoing and Recent Research Support

Biomarkers in TB treatment relapse, treatment failure and household contacts

Agency : RePORT India initiative – NIH (USA)/DBT (India)
Role : Co Principal Investigator for JIPMER - Boston University, Rutgers program.
Aug 2013 – July 2018

Development of a nanotheranostic tool for pancreatic cancer

Agency : Department of Science and Technology, India
Role : Co-Investigator
Grant No. DR/NM/NS-1095/2012
June 2014 - 2019

Screening & education for Diabetes in the state of Puducherry

Agency : World Diabetes Foundation
Role : Co-Investigator
June 2013 – May 2015

Geisinger's Rural Initiative in Cancer

Agency: National Cancer Institute, NIH
Role: Principal Investigator
Grant No. : HHSN261200800001E Ravikumar (PI)
04/13/10 – 04/12/12

Regulation of Age-Related Inflammation in Septic Shock

Agency: NIH/NIA
Role: Co-Investigator
5R01 AG028352-02 Wang (PI)
08/15/06 - 05/30/11

Phase- I trial of Radiofrequency ablation with ThermoDox™ Infusion for unresectable liver tumors

Agency: Celsion Corporation
Role: Principal Investigator
Grant Number: IRB # 06-06-228-06 Ravikumar (PI)
02/01/07 – 01/15/09

Randomized Phase III trial of Radiofrequency Ablation alone versus Radiofrequency Ablation plus ThermoDox™ for unresectable hepatocellular cancers.

Agency: Celsion Corporation
Role: Principal Investigator
Grant No.: IRB #08-06-28-06 Ravikumar (PI)
03/01/2008 – 03/09/2012

Continuum of Care in Surgery Care Center: A novel model of patient safety and cost effectiveness

Agency: North Shore-LIJ Health System
Role: Principal Investigator
07/01/2005 – 06/30/2008

A value based model for in-hospital surgical patient safety

Agency: New York State Department of Health – ECRIP
Role: Principal Investigator
2005-2006

Improvement of Organ Function after Severe Hypovolemia

Agency: NIH/NHLBI
Role: Collaborator
5R01 HL076179-04 Wang (PI)
02/01/04 – 01/31/08

Combination of Immunotherapy and Radiofrequency Ablation to Treat Colorectal Cancer

Agency: Novo Nordisk Pharmaceuticals, Inc.
Role: Principal Investigator
07/01/07 – 06/30/08

Professional Societies

1973	Indian Medical Association
1973	Association of Surgeons of India
1977	American College of Surgeons (Candidate)
1977	American Medical Association
1978	Fellow of Royal College of Surgeons, Edinburgh
1981	New York Academy of Sciences
1981	Fellow of Royal College of Surgeons, Canada
1981	Boston Cancer Research Association
1982	American Association for the Advancement of Science
1984	Association for Academic Surgery
1987	The Society of University Surgeons
1987	The Society of Surgical Oncology
1988	American Society of Clinical Oncology
1989	Collegium International Chirurgiae Digestivae
1990	American Association for Cancer Research
1991	Fellow of American College of Surgeons
1991	Fellow of American College of Cryosurgery
1992	World Association of Hepato-Biliary Surgery
1993	Eastern Surgical Society
1994	The Oncology Society of New Jersey
1995	The Human Genetics Association of New Jersey Inc.
1996	Society of American Gastrointestinal Endoscopic Surgeons (SAGES)
1998	New York Surgical Society
2000	Halsted Society
2001	American Surgical Association

Committee Assignments in National Organizations

1991	- 1993	Clinical Research and Government Relations Committees, The Society of Surgical Oncology
1992	- 1995	Committee, American Association of Physicians from India
1994		Reviewer, Ad Hoc Scientific Review Committee, Planning Grants for Breast Cancer Research Programs in NCI-Designated Cancer Centers (NCI Study Section).
1994	- 1995	Chairman, Research Committee, American Association of Physicians from India
1994	- 1996	Member, Peer Review Committee for Personnel for Research C, American Cancer Society (ACS Study Section)
1995		Nominating Committee, Society of University Surgeons
1996	- 1998	Member, Comprehensive School Education Task Force, American Cancer Society-New Jersey Division
1997	- 2002	Member, Peer Review Committee on Molecular Genetics and Oncogenes, American Cancer, Society
1997	- 2000	Member, Health Services Research Committee; American Society of Clinical Oncology
1999	- 2005	Member, Oncology Roundtable
1999	- 2008	Executive Council, New York Surgical Society
2003	- 2004	Vice President, New York Surgical Society
2004	- 2005	President Elect, New York Surgical Society
2005	- 2006	President, New York Surgical Society
2009	- 2011	American College of Surgeons, Commission on Cancer – Proven Care Lung Cancer
2012		National, Collaborative; Study Design and Research Coordinator
2013		Member of Board of Trustees, Sundaram Medical Foundation

2013	Chairman, Expert Advisory Committee on Oncology, MoHFW, GOI
2013	Institute body Member, AIIMS Raipur
2013	SFC Member, AIIMS BHOPAL
2013	Member – Advisory Committee, Information Technology, GOI
2014	International Advisory Board Member, Global Academy of Emergency Medicine
2015	Member, Planning & Monitoring Board, National Institute of Mental Health & Neurologic Sciences (NIMHANS), India
2015	Member High Power Committee recommending Essentiality Certificate for Establishment of Medical and Dental Colleges, Government of Andhra Pradesh
2017	Advisor/Special Officer, AIIMS-Mangalagiri
2017	Member/ Technology Assessment Board, Government of India, NIHFV.
2017	Subject expert for training course on hospital preparedness for health emergencies for hospital administrators - NIHFV.
2018	Member / Governing Council Association of Indian Universities.

Other Major Committee Assignments

1984 - 1987	Cancer Program Liaison Associate, American College of Surgeons
1986 - 1990	Member, Institutional Review Board on Human Studies, New England Deaconess Hospital
1987 - 1990	Member, Laser Committee, New England Deaconess Hospital and Harvard Laser Center
1990	Member, Yale-China Association
1990 - 1991	Member, Cancer Committee, Yale-New Haven Hospital
1991 - 1993	Chairman, Cancer Committee, Yale-New Haven Hospital
1991 - 1993	Member, Connecticut Cancer Council
1991	Member, Friends of South Asia Study Committee
1992	Member, South Asian Studies, Yale University
1992	Coordinator, Indo-U.S. Conference on Surgical Gastroenterology, New Delhi, Feb. 1-3
1992	Cancer Program Director, Yale-China Association
1992 - 1993	Medical Staff Cabinet, Yale-New Haven Hospital
1993 - 1998	Member, Pharmacy & Therapeutics Committee, Robert Wood Johnson University Hospital
1993 - 1998	Member, Biotechnology Subcommittee, Robert Wood Johnson University Hospital
1993 - 1998	Director, Gastrointestinal Tumor Study Group, The Cancer Institute of New Jersey
1993 - 1998	Co-Director, New Jersey Comprehensive Breast Care Center
1994	Board Member, Indo American Cancer Congress, Inc.
1995 - 1998	Chairman, Tumor Board, Robert Wood Johnson University Hospital
1996 - 1998	Board of Directors, Oncology Society of New Jersey
1996 - 1998	Chairman, Annual Retreat of Cancer Research in New Jersey (joint CINJ and New Jersey Commission on Cancer Research endeavor)
1998 - 2005	Member, IRB Committee, Biomedical Research Alliance of New York, LLC
1998 – 2002	Executive Committee Member, Federated Practice Plan, Montefiore Medical Center
1998 - 2005	Member, Comprehensive Cancer Center Steering Committee, Albert Einstein College of Medicine
1998 - 2005	Member, Medical Executive Committee of Board of Trustees, Montefiore Medical Center
1998 - 2005	Chair, Operating Room Executive Committee, Montefiore Medical Center
1998 - 2005	Member, Division of Research, Albert Einstein College of Medicine
1998 - 2005	Member, Division of Academic Clinical Programs, Albert Einstein College of Medicine
1998 - 2005	Member, Division of Education, Albert Einstein College of Medicine
1998 - 1999	Chairman, Neurosurgery Chair Search Committee, Montefiore Medical Center/Albert Einstein College of Medicine
1999 - 2005	Member, Institutional Review Board, Montefiore Medical Center

- 2000 - 2001 Chairman, Orthopedic Chair Search Committee, Montefiore Medical Center/Albert Einstein College of Medicine
- 2000 - 2005 Member, Board of Directors, Montefiore Integrated Provider Association, Inc.
- 2001 – 2005 Member, Montefiore Medical Executive Committee
- 2001 - 2005 Chair, Montefiore/Einstein Chairpersons” Caucus
- 2001 - 2005 Chair Elect, Division of Academic Clinical Programs, Albert Einstein College of Medicine
- 2001 - 2005 Member, Council of Einstein Divisions, Albert Einstein College of Medicine
- 2004 Chair, Cardiothoracic Chair Search Committee, Montefiore Medical Center/Albert Einstein College of Medicine
- 2005 - 2008 Member, Medical Board, North Shore University Hospital
- 2005 - 2008 Member, Medical Board, Long Island Jewish Medical Center
- 2005 - 2008 Credentials Committees at North Shore University Hospital and Long Island Jewish Medical Center
- 2005 - 2008 Chair, Operating Room Committee, NSUH and LIJMC
- 2006 - 2008 System Performance Improvement and Coordination Group, NSLIJ
- 2007 - 2008 Transfusion Committees at NSUH and LIJMC
- 2007 - 2008 Utilization and Standardization Committee, NSLIJ
- 2007 - 2008 Cancer Center Steering Committee, NSLIJ Health System
- 2008 - 2008 Credentials Committee, Monter Cancer Center, NSLIJ Health System
- 2008 - 2008 Scientific Review Committee, Monter Cancer Center, NSLIJ Health System
- 2009 – 2011 Member: Geisinger Health System
Senior Leadership Council
Clinical Leadership Council
System Research Task Force
Patient Safety Committee
- 2018 Member, Governing Council, Association of Indian Universities.
- 2018 Member, Health Technology Assessment Board, Govt. of India;

Major Visiting Appointments and Lectureships at National/International Meetings

- 1979 Mandelberg Traveling Fellowship: -- National Cancer Institute, Tokyo and Osaka University Medical College, Japan
- 1993 Guest Lecturer and Cancer Course panelist - XXII Congreso Venezolano De Cirugia, Sociedad Venezolano De Cirugia; and FundaCancer, Maracaibo Venezuela
- 1993 Invited Speaker and course panelist - 2nd International Congress on Cryosurgery for Liver Tumors; Pittsburgh, June 5-7
- 1994 Invited Speaker-Society of Surgical Oncology 47th Annual Cancer Symposium-Houston, TX, Mar 17
- 1994 Postgraduate Course Speaker - American College of Surgeons Annual Spring Meeting, Washington, DC, April 24-27
- 1994 Guest Speaker - Society For Surgery of the Alimentary Tract, New Orleans, LA, May 15-17 1994
- Invited Speaker - East Coast Hematology Organization, Annual Meeting, Mystic, CT. Title: "Role of Erythropoietin in Patients Undergoing Cancer Surgery," Sept. 24
- 1994 Postgraduate course speaker - American Association for the Study of Liver Diseases & International Hepato-Pancreatico-Biliary Association, Chicago, IL, Nov. 12-15
- 1995 Postgraduate course speaker - Laparoscopic liver surgery - Society of American GI Endoscopic Surgeons (SAGES) conference, Orlando, FL, March 12-14
- 1995 Clinical Symposium Speaker-Society of Surgical Oncology conference, Boston, MA, Mar. 24
- 1995 Invited speaker: "RIGS: Techniques for Ovarian & Colorectal Cancer" & "Cryosurgery for Hepatic Metastasis;" Annual Clinical Assembly of Osteopathic Specialists, New Orleans, LA, Sept. 16
- 1995 Course Chairman - National Cryosurgery User's Conference, Scottsdale, AZ, October 8-10 1996
- Invited speaker and Preceptor for Hands-on course - Annual International Society of Endoscopic Surgeons (joint SAGES meeting) conference, Philadelphia, PA, March 12-16
- 1996 Invited Faculty - 7th International Congress on Interventional Ultrasound, Copenhagen, Denmark,

- Sept. 3-6
- 1996 Postgraduate Course speaker - American College of Surgeons Clinical Congress, San Francisco, CA, Oct. 6-11
- 1997 Invited Panelist - International Workshop on Infusion and Perfusion Therapy for Liver Tumors, Hannover, Germany, Mar. 1-2
- 1997 Invited speaker and Preceptor for Hands-on course - Annual Scientific meeting of Society of Surgical Oncology, Chicago, IL, Mar. 20-23
- 1996 Invited postgraduate course faculty - Spring Meeting of American College of Surgeons, San Diego, CA, Apr. 5-9
- 1997 Invited Speaker - Joint Meeting of American Association for the Study of Liver Diseases and American Hepato-Pancreatico-Biliary Association, Chicago, IL, Nov. 7-9
- 1997 Postgraduate course speaker and hands on course preceptor - Annual Clinical Congress of American College of Surgeons, Chicago, IL, Oct. 12-17.
- 1997 Speaker & Postgraduate Course Panelist - American Hepato-Pancreato-Biliary Association-American Association for the Study of Liver Diseases Meeting; Chicago, IL, Nov. 7-11
- 1998 Lecturer - Postgraduate Course and Preceptor for Hands-On Course - Ultrasound for Surgeons, American College of Surgeons, Orlando, FL, Oct. 24-28
- 1999 Lecturer - American College of Surgeons, Postgraduate Course-New Directions in Management of Common Cancer - "Cryosurgery and Intraoperative Ultrasound for the Treatment of Hepatic Neoplasms, New York, NY, Apr. 25-28
- 1999 Lecturer - Postgraduate Course: Malignant Neoplasms of the Gastrointestinal Tract, "Treatment of Hepatic Metastases of Colon Cancer," American College of Surgeons, 85th Annual Clinical Congress, San Francisco, CA, Oct. 12
- 1999 Asia Pacific Cancer Congress - Chaired Liver Symposium and the Meet the Professor session, Dec. Dec-15
- 2000 Invited speaker – New York Cancer Society meeting, Oct. 4
- 2000 Lecturer – American College of Surgeons, Clinical Congress, Chicago, IL, Oct. 25
- 2000 Lecturer-SAGES/SSAT Joint Symposium-Energy Sources in Tissue Ablation, Chicago, IL, Oct 25
- 2000 Lecturer- AASLD/AHPBA-2000 Hepatobiliary Surgery Forum, Colorectal Metastases, Dallas, TX, Oct. 28
- 2001 Lecturer - Postgraduate course, AHPBA Biennial Americas Congress, Miami Beach, FL, Feb. 22-25
- 2001 Invited speaker – Digestive Diseases at the Caribbean XIII: Current Issues in Gastrointestinal Neoplasias, San Juan, PR, Mar. 9-11
- 2001 Course Director: Avoiding Infection Problems in the SICU, American College of Surgeons Symposium, New Orleans, LA, Oct. 7
- 2002 Course Director: Inguinal Hernia – Maximum Repair/Minimum Pain. American College of Surgeons Symposium, San Francisco, CA, Oct. 6
- 2002 Course Co-Director: Managing Serious Surgical Infections, The New Rules. American College of Surgeons Symposium, San Francisco, CA, Oct. 6
- 2002 Invited Speaker: "Management options for Liver Metastasis – 2002 Update." Association of Surgeons of India Conference (ASICON 2002), Calcutta, India, Dec. 28
- 2002 Invited Speaker: "Multimodal treatment of Liver Metastasis – clinical results and experimental observations." Indian Society of Surgical Oncology, Calcutta, India, Dec. 29
- 2003 International Oncology Conference, guest speaker, Hyderabad, India
- 2005 Guest Speaker: "Cryotherapy: Current Use or Is It of Historical Interest?" AHPBA Congress, Ft. Lauderdale, FL, April 17
- 2006 Course Faculty: Advances in Surgery, Marcos Island, FL. Dec.
- 2007 Speaker, International Robotic Users Conference, Santa Barbara, CA. July.
- 2007 Invited speaker, New Jersey Chapter of American College of Surgeons. Dec 1.
- 2007 Course Faculty: Advances in Surgery, Cancun, Mexico. Dec. 4-6.
- 2007 International Oncology Conference, guest speaker and workshop panelist, Hyderabad, India, Nov. 15-17.
- 2010 Keynote speaker and invited lecturer – 1st Caribbean Symposium on GI Oncology, San Juan,

Puerto Rico, Feb. 27-28.

- 2012 Keynote speaker & "meet the professor" panellist – 7th Preoperative Medicine Summit, Miami, USA, Mar 15 – 17, 2012
- 2013 Convocation Address, Sankara Nethralaya Academy, Chennai, India
- 2015 Convocation Address & Key note speech- Periyar Institute of Pharmaceutical Sciences, Trichy, India
- 2015 Graduation Day Key Note Address-Narayana Medical College, Nellore, India
- 2015 Twelfth Dr.BM Sundaravadanan Oration, April 29th, Bangalore, India
- 2018 Visiting Scholar, Harvard Global Health Institute – July 2018

Other Visiting Professorships / Invited Lectureships

- 1988 Visiting Professor, Department of Surgery: Maimonides Medical Center and Coney Island Hospital, New York, September 8-9
- 1992 Visiting Professor, Department of Surgery, Polyclinic Medical Center, Harrisburg, Pennsylvania
- 1992 Visiting Professor, Department of Pathology, University of Connecticut, Farmington, Connecticut
- 1993 Invited Speaker and Panelist - Practicum: ultrasound guided Cryosurgery for Tumor Ablation; Boston, September 23
- 1993 Course Speaker - Advances in the Biology and Therapy of Colorectal Cancer, Houston, TX, November 4-7
- 1994 Invited Speaker - Harvard Surgical Oncology CME Course, Boston, MA, May 12-14
- 1994 Course Chairman - Laparoscopy in Liver Tumor Management, Robert Wood Johnson Medical School, New Brunswick, NJ, Sept. 30-Oct. 1
- 1994 Course Chairman - New Technology in Liver Tumor Management, Robert Wood Johnson Medical School, New Brunswick, NJ, Dec. 9-10
- 1995 Invited speaker - "Ultrasound Guided Cryosurgery of Hepatic Lesions," Rush-Presbyterian course, Chicago, IL, Jan. 20
- 1995 Invited speaker - Ultrasound For Surgeons, Orlando, FL, Feb. 10-11
- 1995 Preceptor - Hepatic Cryosurgery program, MD Anderson Cancer Center, Orlando, FL, Mar 2
- 1995 Invited speaker - Practicum: Ultrasound Guided Cryosurgery for Tumor Ablation," Deaconess Hospital course, Boston, MA, March 22
- 1995 Guest speaker - "Current Management of Liver Tumors," Grand Rounds, Indiana University, Indianapolis, IN, April 8
- 1995 Preceptor - Hepatic Cryosurgery program, Roper Hospital, Charleston, NC, April 24 1995
- 1995 Invited speaker - "Cancer Care in New Millenium," Morristown Memorial Hosp., May 10
- 1995 Invited speaker - "Ultrasound Guided Cryosurgery of Hepatic Lesions" course, Chicago, May 19
- 1995 Preceptor - Hepatic Cryosurgery program, Thomas Jefferson University Medical Center, Philadelphia, PA, June 22
- 1995 Invited speaker - "Regional Therapy & New Surgical Approach for Metastatic Liver Disease, CentraState Medical Center, Freehold, NJ, Sept. 15
- 1995 CME course speaker - Ultrasound Guided Cryosurgery of Hepatic Lesions, Chicago, IL, Nov. 10
- 1995 Invited speaker-Genetics course, Robert Wood Johnson Medical School, Piscataway, NJ, Nov. 11
- 1995 Invited speaker - Genetics & Cancer course, Jersey Shore Medical Center, NJ, Nov. 28
- 1995 Invited speaker & panelist - NJ Chapter of American College of Surgeons, Piscataway, NJ, Dec. 2
- 1995 Invited speaker-Human Genetics course, Robert Wood Johnson Medical School, Piscataway, NJ, Dec. 6
- 1995 Invited speaker - Controversies, Problems & Techniques in Surgery, Annual National meeting Albert Einstein College of Medicine/Montefiore Medical Center, New York, NY, Dec. 7
- 1996 Program Director - Laparoscopy, Ultrasonography & Cryosurgery in Liver Tumor Management, Palm Springs, CA, Jan. 19
- 1996 Invited speaker - Diagnostic and Interventional Ultrasound for Surgeons, Orlando, FL, Feb.16- 17
- 1996 Visiting Professor, Medical College of Virginia& Richmond Surgical Society, Richmond,VA, Feb 22
- 1996 Invited speaker - Surgical Grand Rounds, Englewood Hospital and Medical Center, April 3
- 1996 Symposium speaker: UMDNJ GI Annual Symposium, April 27
- 1996 Visiting Professor-University of Michigan Medical School, Dept.of Surgery, Ann Arbor, MI;May-02
- 1996 Speaker & Course Panelist - Englewood Hospital & Englewood Surgical Society Symposium &

- Workshop on Emerging Technologies; May 14
- 1996 Grand Rounds speaker - Maimonides Medical Center, Brooklyn, NY, June 6
- 1996 Invited speaker - Monmouth Surgical Society, Monmouth Medical Center, Long Branch, NJ, Sept. 18
- 1997 Visiting Professor - Department of Radiation Oncology, New York Methodist Hospital, Feb. 19 1997
Invited speaker, "External and Laparoscopic Ultrasound of the Biliary Tract," Beth Israel Medical Center, New York, NY, May 16
- 1997 Grand Rounds Speaker and Preceptor-Long Island College Hospital, Brooklyn, NY, July 24
- 1997 Grand Rounds Speaker and Preceptor - Carolinas Medical Center, Charlotte, NC, Oct. 31
- 1998 Lecturer - Society of Surgical Oncology "Meet the Professor Breakfast," San Diego, CA, Mar 26-29
- 1998 Co-Chairman and Lecturer - UMDNJ-CINJ Annual GI Symposium, New Brunswick, NJ, Apr 4 1998
Preceptor for Hands-On Course - Ultrasound for Surgeons Postgraduate Course, American College of Surgeons meeting, Baltimore, MD, Apr. 26-29
- 1998 Grand Rounds Lecturer - Hackensack Medical Center, Hackensack, NJ, May 5
- 1998 Guest Lecturer - Cancer Symposium, Brooklyn-Long Island Chapter of American College of Surgeons, Mineola, NY, May 7
- 1998 Grand Rounds Lecturer - South Jersey Hospital-Bridgeton, NJ, May 22
- 1998 Panel Chair, Practical Issues in Cancer Genetics, sponsored by ASCO, CINJ, NJ Commission on Cancer Research & Oncology Society of New Jersey, Princeton Marriott, NJ, May 28
- 1998 Invited Lecturer and Panelist, Advances in Hepatic, Biliary and Pancreatic Surgery course, U. Minnesota, Minneapolis, MN, June 17-20
- 1998 Guest Lecturer - Dayton Surgical Society meeting, Dayton, OH, Oct. 6
- 1998 Moderator and Lecturer - 15th Annual Controversies, Problems and Techniques in Surgery, Albert Einstein College of Medicine/Montefiore Medical Center, New York, NY, Dec. 9-11
- 1999 Invited speaker - Reflux & Swallowing Center, Hackensack University Medical Center, Jan 4
- 1999 Invited speaker - Montefiore Medical Center, Oncology Dept. Grand Rounds, "Barrett's Esophagus transformation and multidisciplinary treatment," Feb 4
- 1999 Invited speaker - N.Y. Methodist Hospital, Grand Rounds, "Treatment of Hepatomas," Feb 17
- 1999 Grand Rounds Lecturer - Sound Shore Medical Center of Westchester, New Rochelle, NY, Feb 24
- 1999 Invited speaker - Brooklyn Surgical Society, S.U.N.Y.-Downstate, Mar 4
- 1999 Lecturer, Day in the Gut VIII: Issues and Controversies in Gastroenterology Symposium, Montefiore Medical Center, Bronx, NY, Apr 9
- 1999 Visiting Professor, Surgery Grand Rounds, Albert Einstein College of Medicine, "Ablation of Liver Tumors," Bronx, NY, Apr 21
- 1999 Visiting Professor, Surgery Grand Rounds, St. Francis Medical Center, Trenton, NJ, May 12
- 1999 Guest Lecturer - Leon Ginsberg Annual Lecture, Department of Surgery, Beth Israel Medical Center, "Barrett's Esophagus & Adenocarcinoma," June 11
- 1999 Guest Lecturer - American Cancer Society, South Asian Outreach Project, Addressing South Asian American Health through Dialogue & Understanding, "Cancer: Statistics, Risk Factors & Myths/Barriers," Sept. 25
- 1999 Moderator and Lecturer - 16th Annual Controversies, Problems and Techniques in Surgery, Albert Einstein College of Medicine/Montefiore Medical Center, New York, NY, Dec. 8-10
- 2000 Moderator and Lecturer - 17th Annual Controversies, Problems and Techniques in Surgery, Albert Einstein College of Medicine/Montefiore Medical Center, New York, NY Dec. 6-8
- 2001 Grand Rounds Lecturer, St. Vincent's Hospital & Medical Center of New York, NYC, Jan. 31
- 2001 Grand Rounds Lecturer, Sinai Hospital, Baltimore, MD. Feb. 1
- 2001 Visiting Professor, Dept. of Surgery, University of Minnesota, Minneapolis, MN, April 3
- 2001 Grand Rounds Lecturer, Guthrie Robert Packer Hospital, Sayre, PA, April 18
- 2002 Grand Rounds Lecturer, Hospital of Saint Raphael, New Haven, CT, March 20
- 2002 Visiting Professor, Dept. of Surgery, Medical College of Ohio, Toledo, OH, June 21-22
- 2003 Invited Speaker, "The New Face of Oncology," a multidisciplinary conference, Dept. of Radiation Oncology, Wyckoff Heights Medical Center, Brooklyn, NY, April 24
- 2003 Invited Speaker, "Treatment Options for Liver Metastasis from Colorectal Cancer," Mayo Clinic (resident conference) and Oncology Society meeting, Rochester, MN, Oct. 2-3

- 2006 Surgical Grand Rounds speaker, NSUH at Plainview, Plainview, NY, Jan. 17
- 2006 Medical Grand Rounds speaker, NSUH at Manhasset, Manhasset, NY, Jan. 5 & Feb 17
- 2006 Guest Lecturer – “Liver Mass: Evaluation and Treatment,” Current Issues in GI & Liver Disease 2006, Digestive Disease Institute of North Shore University Hospital, Garden City, NY, Sept 30
- 2006 Grand Rounds Lecturer, Dept. of Surgery, New York Methodist Hospital, Brooklyn, NY, Oct 24
- 2007 Invited Speaker – 5th Annual Fillippone Oncology Symposium, Morristown, NJ, May 16
- 2007 International Robotic Users Conference, Clinical Innovators Forum, Santa Barbara, CA, July 19-22
- 2008 Guest Lecturer, NSLIJ System Breast Tumor Case Conference, “Liver Metastasis from Breast Cancer,” May 8

Special Projects

- 1998 Chairman, Women’s Cancers: Risks & Realities - An Interactive Forum, jointly sponsored by The Cancer Institute of New Jersey, Partners and Affiliates, and the Breast Cancer Resource Center (BCRC) of the YWCA Princeton, at the Princeton Marriott Forrester Village, Princeton, NJ, Sep-11
- 2009 Proven Care for Lung Cancer – Study design for American College of Surgeons Commission on Cancer Consortium with Geisinger Health System
- 2018 “Gnana Bheri” – state wide program of Creating Happy Communities through Health

Major Research Interests

1. Health Care Quality/Patient Safety with emphasis on outcome driven, value based approaches
2. Health Services Research:
 - a) Predictive models & comparative effectiveness research
 - b) Care models: Care continuum for population health; Longitudinal cohorts; Bundled care
 - c) Universal Health Care & Public Health
3. Novel strategies in the treatment of liver metastases: intraoperative ultrasound, Radiofrequency and cryoablation, liver perfusion, retroviral mediated gene transfer, image guided precision-resection
4. Translational research& minimally invasive surgery

Editorial Positions

Guest Editor	Surgical Oncology Clinics of North America - April 1996 A Special Report of the New Jersey Commission on Cancer Research - Spring 1998: Hepatocellular Carcinoma: An Update for Primary Care Physicians
Associate Editor	Cancer Therapeutics
Reviewer	Cancer Cancer Research American Journal of Surgery Surgery American Journal of Gastroenterology Journal of Clinical Oncology Cancer Detection and Prevention
Founding Editorial Board	International Journal of Clinical and Experimental Medicine
Editor	Advances in Science and Practice in Rural Oncology

Publications in Journals

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2. Rao N and Ravikumar TS: Diagnostic Peritoneal Tap. *International Surgery* , 62(1): 14-16; Jan, 1977.
3. Ravikumar TS, Sridhar S and Rao N: Subcutaneous Lateral Internal Sphincterotomy for Chronic Fissure- In-Ano. *Dis Col & Rectum* , 25: 798-801; 1982.
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6. Ravikumar TS and Grage TB: Syndrome of Inappropriate ADH Secretion Secondary to Vinblastine, Bleomycin Therapy. *J Surg Oncol* , 24:242-245; Mar, 1983.
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9. Ravikumar TS, Reed K, Sibley R and Grage TB: Renal Toxicity of Mitomycin C. *Am. J. Clin. Oncol*, (CCT) 7:279-285; June, 1984.
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