

Curriculum Vitae

Patrick C. McGrath, MD, FACS

I. General Information

Place & Date of Birth	October 28, 1952 - Chicago, IL
Home Address	4813 Chaffey Lane Lexington, Kentucky 40515
Business Address	University of Kentucky Division of General Surgery UKMC – C224 800 Rose Street Lexington, KY 40536-0293 (859) 323-6346 x 240 (859) 323-6840 – Fax
Specialty Board Certification	American Board of Surgery, #32957 December 16, 1987 October, 1996 December, 2008
Specialty Certificate	Surgical Oncology, June 30, 1988
Medical Licensure	State of Virginia 0101034158 (Inactive) State of Kentucky 26019 (Active)

II. Education

Undergraduate
Sept, 1970 – May, 1974
University of Notre Dame
South Bend, Indiana
B.A. (Pre-professional) with honors

Masters & Medical School
Aug, 1974 – May, 1980
University of Illinois Medical Center
Chicago, Illinois
M.S. (Microbiology) and M.D.

Post-graduate
July, 1980 – June, 1986
Department of Surgery
Medical College of Virginia
Richmond, Virginia
Resident

July, 1982 – June, 1983
Division of Surgical Oncology
Medical College of Virginia
Richmond, Virginia
Research Fellow

July, 1986 – June, 1987
Division of Surgical Oncology
Medical College of Virginia
Richmond, Virginia
Clinical Fellow

July, 1987 – June, 1988
Division of Surgical Oncology
Medical College of Virginia
Richmond, Virginia
Research Fellow

III. Professional Experiences/Academic Appointments

Current Positions

2006 - Present
Ward O. Griffen Endowed Chair in Surgery
Professor and Chief
Division of General & Vascular Surgery
University of Kentucky Medical Center
Lexington, Kentucky

2010 – Present
Medical Director
University of Kentucky
Multidisciplinary Outpatient Clinic
Lexington, KY

1994 - Present
Chief, Section of Surgical Oncology
University of Kentucky, Department of Surgery
Lexington, Kentucky

1988 – Present
Staff Surgeon
Department of Surgery
Veterans Administration Medical Center
Lexington, Kentucky

Prior Positions

June, 2000 - 2006
Professor of Surgery
Chief, Section of Surgical Oncology
University of Kentucky Medical Center
Lexington, Kentucky

July, 1994 – June, 2000
Associate Professor of Surgery
Chief, Section of Surgical Oncology
University of Kentucky Medical Center
Lexington, Kentucky

July, 1988 – June, 1994
Assistant Professor of Surgery
Section of Surgical Oncology
University of Kentucky Medical Center
Lexington, Kentucky

April, 2000 – September, 2000
Acting Director
University of Kentucky, Markey Cancer Center
Lexington, Kentucky

April, 1999 – March, 2000
Interim Director
University of Kentucky, Markey Cancer Center
Lexington, Kentucky

1994 - 2009
Medical Director
Comprehensive Breast Care Center
University of Kentucky Medical Center
Lexington, Kentucky

1990 - 1992
Chief of General Surgery
Department of Surgery
Veterans Administration Medical Center
Lexington, Kentucky

IV. Hospital/Clinical Appointments

1988 – Present
Active/Faculty
University of Kentucky Healthcare &
UK Healthcare Good Samaritan
Lexington, Kentucky

1988 – Present
Active/Staff Surgeon
Veterans Affairs Medical Center
Lexington, Kentucky

2002 – Present
Active
St. Joseph East Hospital
Lexington, Kentucky

V. Teaching & Advising Activity

Advising Activity

Preceptor for Surgical Oncology Research Residents:

- A. Leigh Hamby, M.D. (PGY-4) 1991-1992
1. Management of Local Recurrence in Well-Differentiated Thyroid Carcinoma
Presented: Association of VA Surgeons, 1991.
Published: J. of Surgical Research 52:113-117, 1992.
 2. Phorbol Dibutyrate and Ionomycin Improve the Generation of Murine Cytotoxic Effector Cells.
Presented: Association of VA Surgeons, 1992.
Published: J. Surgical Research 54:115-121,1993.
 3. Enhanced Proliferation and Cytotoxicity of Murine Tumor Infiltrating Lymphocytes by Phorbol Dibutyrate and Ionomycin.
Presented: American Assoc Cancer Res, 1992.
Published: Proceedings of AACR 33:325,1992.
 4. The Management of Indeterminate Mammographic Lesions.
Presented: Southeastern Surg Congress, 1992.
Published: American Surgeon 59:4-8, 1993.
 5. Optimizing Primary Treatment for Advanced Laryngeal and Pyriform Sinus Carcinoma
Presented: Int Conf Head & Neck Cancer, 1992.
Published: Am J Surg 164:629-633, 1992.
 6. Adjuvant Treatment with Stimulated Lymphocytes from Draining Lymph Nodes (DLN) Improves Survival after Surgical Restion in a Murine Model.
Presented: American Coll of Surgeons, 1992.
Published: Surgical Forum, 1992 43:494-497, 1992.
- B. Daniel Holley, M.D. (PGY-4) 1992-1993
1. Significance of Nucleolar Proliferation Antigen P120 in Breast Cancer: Correlation to Prognostic Factors
Presented: Society of Surgical Oncology, 1993.
Published: Surgical Oncology 3:69-77, 1994.
 2. Oncologic Aspects of Immediate Breast Reconstruction after Mastectomy.
Presented: Southeastern Surgical Congress, 1994.
Published: American Surgeon 61:60-65, 1995

3. Generation of Tumor Specific Cytotoxic T-Cells From Regional Lymph Nodes.
Presented: Associations of VA Surgeons, 1994.
Published: J. Surgical Research 58:33-37,1995.

Teaching Activity

1993 - 1996
Surgical Resident
Problem Based Learning

1991
Instructor, American College of Surgeons
Cancer Management Course

1988 - Present
Schwartz Textbook Conference

1988 - Present
Medical Student Surgical Clerkship
-Problem Based Learning Tutor
-Clerkship Preceptor
-Primary Case Writer for PBL

Advanced Trauma Life Support Instructor

VI. Administrative Activity and University Service

American Cancer Society

1988 – 1993
Fayette County Chapter
Board of Directors

1993 – 1998
Breast Cancer Advisory Committee
Kentucky Division

American College of Surgeons

1991
Program Chairman
Kentucky Chapter of ACS Fall Meeting

1992 – 2004
Kentucky District #2
Committee on Applicants

1992 – Present
Institutional Review Committee

University of Kentucky
Chandler Medical Center

1988 – 1998
College of Medicine Committee on Cancer

1988 – 1998
Ambulatory Care Medical Records
Review Committee

1998 – 2000
Anatomic Pathology Tissue Committee

1993 – 1994
Chairman, Breast Center Task Force

1993 – 1995
Medical Institutional Review Board

1994 – Present
Chief, Section of Surgical Oncology

1994 – 2009
Director, Comprehensive Breast Care Center

1995
Markey Cancer Center Clinical
Programming Committee

1996
Review Committee for the
Department of Obstetrics & Gynecology

1996 – 2004
AOA Councilor

1997
Search Committee Member for
Pathology Chairman

1997
Oncology Advisory Committee

1997
Women's Cancer Facility Executive Committee

1997 – 2000
Committee on Medical Liaison and
Continuing Education

1999 – 2000
Interim Director, Markey Cancer Center

1999 – 2002
Representative, University Senate

1999-2001
Faculty Council

2002, 2003, 2004, 2001 - 2004
Markey Cancer Center Executive Committee

Markey Cancer Center Clinical Affairs
Steering Committee

2002
Task Force on Medical Center Organization
and the Provost Model

2002
COM Task Force

2002
Medical Center Task Force

2002
Clinical Affairs Steering Committee,
Markey Cancer Center

2002 – 2003
PAC meeting

2002 – 2005
College of Medicine Faculty Council Member

2003
Markey Clinical Research Working Group

2003
Comprehensive Breast Care Center
Management Team

2003
Radiology Services for Ambulatory
Cancer Patients Committee

2004
Strategic Planning and Clinical Enterprise
Neoplasm and Hematology Oncology Group

2004

Strategic Planning Oncology Core Team

2004

Clinical Investigations Steering Committee

2004

ACOSOG

2004

Neoplasm & Hematology Group
(Deloitte and Touche)

2004 – Present

Block Schedule Task Force Committee

2004 – 2005

Cancer Service Line Executive Board

2004 – 2005

Markey Executive Committee

2004 – 2006

Markey Scientific Council

2004 – 2006

Oncology Services Advisory Council

2004 – Present

GI-C-Cart

2004 – Present

Breast C-Cart

2005

Oncology Group through UKMC Executive
Vice-President for Clinical Affairs' Office

2005

Schematic Design for Patient Care Facility

2005 – 2006

Surgery/PACU/Same Day User Group
in planning for the New Patient Care Facility

2005 – Present

Markey Cancer Center Protocol Review
Committee

2005 – Present

Breast Cancer Trust Fund Board

2005 – Present
Scheduling Subcommittee Meeting

2005 – 2009
OR Committee Schematic Design for Inpatient
Units

2006
OR Case Length Committee

2006 – 2009
Technology Assessment Committee

2006 – 2007
Department of Surgery Chair Search Committee

2006 – Present
Department of Surgery Executive Council

2010
Six-year Review Committee for
Department of Surgery

2010 – Present
KMSF Board of Directors Audit Committee

2010 – Present
Medical Director
Multi-disciplinary GI Oncology Clinic

Veterans Administration Medical Center

1988 – Present
Cancer Committee

1988 – 1992
Infection Control Committee

2006 – Present
Chief of Surgery Search Committee

1980
Alpha Omega Alpha Medical Honor Society

1984
Bigger-Lehman Surgical Research Award
Virginia Surgical Society

1986
I.A. Bigger Surgical Award
– Outstanding Chief Resident
Department of Surgery
Medical College of Virginia

1992
Gordon L. Hyde Award (Resident Teaching)

1992
Award for Teaching Excellence, Surgery
(Medical Students)

1996 – Present
Best Doctors in America®

1999
Chief Residents' Award (Resident Teaching)

2001
Ward O. Griffen Resident Teaching Award

2001 – Present
America's Top Doctors, Castle-Connolly

2005 – Present
America's Top Doctors for Cancer, Castle-Connolly

2010
Chief Residents' Award (Resident Teaching)

VIII. Professional Activity and Public Service

Memberships

National & International

Southern Surgical Association

Society of Surgical Oncology
Clinical Affairs Committee (1999- 2006)

Central Surgical Association

Association of Academic Surgery

Southeastern Surgical Congress

VA Surgical Society

Southwest Oncology Group
GI Cancer Committee
Board of Governors (1999 – 2003)

Humera Surgical Society
Vice President - 1998
President - 1999

Local & Regional

Kentucky Medical Association

Kentucky Medical Association Cancer Committee

Fayette County Medical Soc/Lexington Medical Soc
Administrative Council – 2004-Present

Lexington Surgical Society
President-1997

Editorships &
Editorial Boards

2008 – Present
Surgery News, Editorial Advisory Board

1993 - Present
Cancer

1993 - 2007
Surgery
Southern Medical Journal
Mayo Clinic Proceedings

Memberships:
National Committees,
Consultant Groups, &
Study Sections

2002 - Present
National Surgical Adjuvant Breast and Bowel Project
Breast Committee
Colorectal Working Group
Breast Committee Working Group
(Fall, 2008 – Fall, 2011)

2005
Associate Examiner, Certifying Examination for
American Board of Surgery

2004
NCI Scientific Review Group, Subcommittee H,
ACOSOG Study Section Review Board, Durham, NC

1995 – 1997

Study Section Member, US Army Medical Research and
Material Command Breast Cancer Research Program
Clinical & Experimental Therapeutics Panel

1994-2005

Member, National Cancer Institute
- PDQ Adult Treatment Editorial Board

1994 - Present

NIH Consultant

IX. Speaking Engagements

Update on the Surgical Management of Gastric Cancer. American College of Surgeons,
Kentucky Chapter. Lexington, Kentucky, September 27, 1988.

Role of Biological Response Modifiers in the Treatment of Cancer. 25th Annual Meeting
of the Humera Surgical Society, April 10, 1989.

Conservative Surgery and Radiotherapy for Treatment of Breast Cancer. Twentieth
Family Medicine Review. Lexington, Kentucky, February, May, November, 1989.

Conservative Surgery and Radiotherapy for Treatment of Breast Cancer. Grand Rounds
at the Medical Center at Bowling Green in Bowling Green, Kentucky, October 12, 1989.

Management of Malignant Biliary Obstruction. Advances in Oncology. Lexington,
Kentucky, February 2, 1990.

Evaluation of the Breast Mass. Twenty-First Family Medicine Review. Lexington,
Kentucky, February, May, November, 1990.

Breast Cancer: Current Concepts. 3rd Annual Lucille Parker Markey Cancer Symposium.
Lexington, Kentucky, October 12, 1990.

Breast Cancer: The Surgeon. Clinical Research Analyst Training Course. Lucille Parker
Markey Cancer Center. Lexington, Kentucky. February 11, 1991.

Management of Node-Negative Breast Cancer. 27th Annual Meeting of the Humera
Surgical Society. March 14, 1991.

Resection of Hepatic Metastases in Colorectal Cancer. Mount Carmel Health Cancer
Symposium. Columbus, Ohio. November 13, 1991.

American College of Surgeons Cancer Management Course. University of Tennessee.
Knoxville, Tennessee. November 8-9, 1991.

Role of Prognostic Factors in Node-Negative Breast Cancer. American College of
Surgeons, Kentucky Chapter. September 28, 1993.

Prognostic Indicators in Node-Negative Breast Cancer. Grand Rounds at University of Louisville. November 20, 1993.

Ramification of Immediate Reconstruction in the Management of Breast Cancer. 30th Annual Meeting of the Humera Surgical Society, Boca Raton, Florida. March 9-12, 1994.

Management of Ductal Carcinoma In Situ. American College of Surgeons, Kentucky Chapter. September 28, 1994.

The Changing Role of Surgery in the Management of Early Breast Cancer. University of Kentucky College of Medicine Symposium on New Trends in the Management of Breast Cancer. Lexington, KY. July 28, 1995.

The Role of a Multidisciplinary Breast Center in Cost Effective Management of Breast Cancer. American College of Surgeons, Kentucky Chapter. September 19, 1995.

Multimodal Management of Esophageal Cancer. 32th Annual Meeting of the Humera Surgical Society, Kiawah Island, SC. April 19, 1996.

Esophagus Cancer - Is Surgery Obsolete? University of Kentucky Symposium on New Trends in the Management of GI Cancer. Lexington, KY. June 7, 1996.

Controversies in the Surgical Management of Breast Cancer. University of Kentucky Symposium on Recent Advances in the Treatment of Breast Cancer. Lexington, KY. October 4-5, 1996

Optimizing Surgical Therapy for Breast Cancer. Breast Cancer Symposium. King's Daughter Medical Center, Ashland, KY. October 25, 1996

The Importance of Local Control in the Management of Breast Cancer: A Current Perspective. American College of Surgeons, Kentucky Chapter. Lexington, KY. April 13, 1998.

The Importance of Local Control in the Management of Breast Cancer. 34th Annual Meeting of the Humera Surgical Society, Sanibel Island, FL. April 23-26, 1998.

Ductal Carcinoma In Situ Survival. NIH-PDQ Education Working Group & European School of Oncology Meeting, Milan, Italy, 1998.

Preoperative Chemoradiation for Fixed (T4) Distal Rectal Cancer. 35th Annual Meeting of the Humera Surgical Society, Howey-in-the-Hills, FL. April 8-11, 1999.

Current Status of Multimodality Therapy for Cancer of the Esophagus. University of Kentucky Symposium on New Trends in the Treatment of Upper GI Cancer. Lexington KY August 5, 1999.

Management of In Situ Carcinoma of the Breast. Charleston Area Medical Center Tumor Conference. Charleston, W.V. August 23, 1999.

Current Perspectives in the Management of Ductal Carcinoma In Situ. 36th Annual Meeting of the Humera Surgical Society, San Juan, Puerto Rico. April 13-16, 2000.

Update on the Current Treatment of Breast Cancer. Kentucky Chapter of the American College of Surgeons Fall Meeting, Louisville, Kentucky. September 10, 2003.

Micrometastasis in the Sentinel Lymph Node of Breast Cancer Does Not Mandate Completion Axillary Dissection. Fournier K., Perry R., Schiller A., Laronga C. Invited Discussant. Southern Surgical Association Annual Meeting. Nov. 30 – Dec. 3, 2003.

Current Perspectives on the Management of Breast Cancer. Kentucky Chapter of American College of Surgeons Meeting. October, 2005.

Breast Cancer. University of Kentucky Department of Obstetrics and Gynecology Grand Rounds. February 20, 2007.

Management of the Axilla in Clinically Node Negative Patients: A Multidisciplinary Approach – Role of Ultra-Sound. Humera Surgical Society Meeting. Richmond, Virginia. May 17 – 19, 2007.

Management of the Axilla in Clinically Node Negative Patients: A Multidisciplinary Approach – Role of Ultra-Sound. Southern Surgeons Club Annual Meeting. Lexington, Kentucky. April 21, 2008.

Tumors of the Pancreatic Body and Tail. Kentucky Chapter American College of Surgeons Meeting. Lexington, Kentucky. October 3, 2008.

Tumors of the Periapillary Region and Pancreas. Annual Meeting of Central Kentucky SGNA Louisville, Kentucky. June 25, 2010

Updates in Breast Cancer Surgery. Primera Jornada de Cancer de Mama. Enfoque multidisciplinario. San Salvador, El Salvador. November 4-7, 2010

X. Research and Creative Productivity

Peer-reviewed Publications

1. **McGrath, P.C.** and Neifeld, J.P.: “Inhibition of Murine Neuroblastoma Growth By Dopamine Antagonists.” J Surg Res 36:413-419, 1984.
2. **McGrath, P.C.**, Neifeld, J.P., Lawrence, W., Jr., et al.: “Improved Survival Following Complete Excision of Retroperitoneal Sarcomas.” Ann Surg. 200:200-204, 1984.
3. **McGrath, P.C.**, and Neifeld, J.P.: “Inhibition of Human Neuroblastoma By Dopamine Antagonists.” Surgery 98:135-141, 1985.
4. **McGrath, P.C.**, Neifeld, J.P., Lawrence, W., Jr., et al.: “Gastrointestinal Sarcomas: Analysis of Prognostic Factors.” Ann Surg 206:706-710,1987.

5. **McGrath, P.C.**, Neifeld, J.P., Kay, S., and Salzberg, A.M.: "Principles in the Management of Pediatric Intestinal Leiomyosarcomas." *J Pediatr Surg* 23:939-941,1988.
6. Posner, M.P., Deitrick, J., **McGrath, P.C.**, et al: "Nonpenetrating Vascular Injury to the Subclavian Artery." *J Vasc Surg* 8:611-617, 1988.
7. **McGrath, P.C.**, McNeill, P.M., Neifeld, J.P., et al.: "Management of Biliary Obstruction In Patients With Unresectable Carcinoma of the Pancreas." *Ann Surg* 209:284-288, 1989.
8. Schwartz, R., Kenady, D., Bensema, M., **McGrath, P.C.**, Flueck, J. "Medullary Thyroid Cancer and Graves' Disease." *Surgery* 105:804-807, 1989.
9. Schwartz, R., Reames, M., **McGrath, P.**, Letton, R. Appleby, G, Kenady D. "Primary Solid Neoplasms of the Greater Omentum." *Surgery* 109(4):543-549, 1991.
10. **McGrath, P.C.** and Horsley, J.S.: "Retroperitoneal Sarcomas." *Postgraduate General Surgery* 3:17-20, 1991.
11. Freeman, J.W., **McGrath, P.C.**, Bondada V., et al.: "Prognostic Significance of Proliferation Associated Nucleolar Antigen P120 in Human Breast Carcinoma." *Cancer Research* 51:1973-1978, 1991.
12. Sadove, R.C, Luce, E.A., **McGrath, P.C.**: "Reconstruction of the Lower Lip and Chin with the Composite Radial Forearm - Palmaris Longus Free Flap." *Plastic and Reconstructive Surgery* 88:209-214, 1991.
13. *Hamby, L.S., **McGrath, P.C.**, Cibull, M.L., Schwartz, R.W.: "Gastric Carcinoma Metastatic to the Breast." *J Surgical Oncology* 48:117-121. 1991.
14. *Hamby, L.S., **McGrath, P.C.** Schwartz, R.W., Sloan, D.A., Simpson, W.G., Kenady, D.E. "Management of Local Recurrence in Well-Differentiated Thyroid Carcinoma." *J of Surgical Research* 52:113-117, 1992.
15. Freeman, J.W., Busch, R.K., Fonagy, A., **McGrath, P.C.**, et al. "Regulation of Proliferation Associated Nucleolar Antigen P120 Expression: Relationship to Oncogenesis." *J of Clinical Biotechnology* 3:223-228, 1992.
16. Freeman, J.W. and **McGrath, P.C.** "P120 as a Prognostic Marker In Breast Cancer." *Search: Oncol Uro-Ginecol. (Italy)* 2:14-16, 1992.
17. *Hamby, L.S., **McGrath, P.C.**, and Freeman, J.W. "Adjuvant Treatment with Stimulated Lymphocytes from Draining Lymph Nodes (DLN) Improves Survival After Surgical Resection In A Murine Model." *Surgical Forum* 43:494-497, 1992.
18. **McGrath, P.C.**, Hamby, L.S., Freeman, J.W. "Phorbol Dibutyrate and Ionomycin Improve Generation of Cytotoxic T-cells from Draining Lymph Nodes of Patients with Advanced Head and Neck Cancer." *American Journal of Surgery.* 164:610-614, 1992.
19. *Hamby, L.S., **McGrath, P.C.**, Luce E., Kenady, D.E. "Optimizing Primary Treatment for Advanced Laryngeal and Pyriform Sinus Carcinoma." *American Journal of Surgery* 164:629-633, 1992.

20. *Hamby, L.S. Freeman, J.W., and **McGrath, P.C.** "Phorbol Dibutyrate and Ionomycin Improve the Generation of Murine Cytotoxic Effector Cells." *J Surgical Research* 54:115-121, 1993.
21. *Hamby, L.S., **McGrath, P.C.**, Stelling, C.B, et al. "The Management of Indeterminate Mammographic Lesions." *American Surgeon* 59:4-8, 1993.
22. **McGrath, P.C.** and Sloan, D.A. "The Role of Novel Prognostic Markers in the Management of Breast Cancer." *Current Surgery* 50:4-10, 1993.
23. Holley, D.T., **McGrath, P.C.**, Sloan, D.S. "Necrotizing Fascitis As A Complication of Percutaneous Catheter Drainage of an Intra-abdominal Abscess." *American Surgeon* 60:197-199, 1994.
24. Toursarkissian, B., Holley, D.T., Kearney, P.A., **McGrath, P.C.**, Zweng, T.Z. "Mirizzi's Syndrome." *Southern Medical Journal* 87:471-475, 1994.
25. Hamby, L.S., Freeman, J.W., **McGrath, P.C.** "Improved Survival with Adjuvant Immunotherapy after Surgical Resection in a Murine Model." *Annals of Surgical Oncology* 1:307-313, 1994.
26. **McGrath, P.C.**, Holley, D.T., Hamby, L.S., Mattingly, C.A., Freeman, J.W. "Prospective Study Correlating P120 Antigen Expression with Established Prognostic Factors in Breast Cancers." *Surgical Oncology* 3:69-77, 1994.
27. **McGrath, P.C.**, Holley, D.T., Hamby, L.S., Mattingly, C.A., Freeman, J.W. "Proliferation-Associated Nucleolar Antigen P120: A Prognostic Marker In Node-Negative Breast Cancer." *Surgery* 116:616-621, 1994.
28. *Holley, D., Freeman, J., Hamby, L., Mattingly, C., **McGrath, P.C.** "In Vitro Cytolytic Activity of Lymphocytes from Tumor-Draining Lymph Nodes Is Associated with Increased Numbers of CD8+ Cells and Increased Cytokine Production." *J Surgical Research* 58:33-37, 1995.
29. Vasconez, H.C., Sengezer, M., **McGrath, P.C.** "Flap Coverage of a Large Defect Following Excision of A Massive Dermatofibrosarcoma Protuberans." *Plastic and Reconstructive Surgery* 95: 136-141, 1995.
30. *Holley, D., Toursarkissian, B., Vasconez, H., Kenady, D., Sloan, D., **McGrath, P.C.** "The Ramifications of Immediate Reconstruction In the Management of Breast Cancer." *American Surgeon* 61:60-65, 1995.
31. Sloan, D.A., Schwartz, R.W., **McGrath, P.C.**, Kenady, D.E. "Diagnosis and Management of Thyroid and Parathyroid Hyperplasia and Neoplasia." *Current Opinion in Oncology* 7:47-55, 1995.
32. Cordova, M.J., Andrykowski, M.A., Kenady D. E., **McGrath, P.C.**, Sloan, D.A., Redd, W.H. "Frequency and Correlates of PTSD-Like Symptoms Following Treatment for Breast Cancer." *J Consulting and Clinical Psychology* 63:981-986, 1995.
33. O'Daniel-Pierce, E., Weeks, J., **McGrath, P.C.** Giant Adrenal Myelolipoma: Case Report." *Southern Medical Journal* 89: 1116-1118, 1996.

34. Hill, B.B., Sloan, D.A., Lee, E.Y., **McGrath, P.C.**, Kenady, D.E. "Marjolin's Ulcer of the Foot Caused by Nonburn Trauma." *Southern Medical Journal* 89: 707-710, 1996.
35. Andrykowski, M.A., Curran, S.L., Studts, J.L., Cunningham, L., Carpenter, J.S., **McGrath, P.C.**, Sloan, D.A., Kenady D.E. "Psychological Adjustment and Quality of Life in Women With Breast Cancer and Benign Breast Problems: a Controlled Comparison." *Journal of Clinical Epidemiology* 49: 827-834, 1996.
36. Sloan, D.A., Donnelly, M.B., Plymale, M.A., **McGrath, P.C.**, Kenady, D.E., Schwartz, R.W. "The Structured Clinical Instruction Module as a Tool for Improving Students' Understanding of Breast Cancer." *The American Surgeon* 63: 255-260, 1997.
37. Sloan, D.A., Donnelly, M.B., Schwartz, R.W., Plymale, M.A., Kenady, D.E., **McGrath, P.C.**, et al. "The Multidisciplinary Structured Clinical Instruction Module (SCIM) as a Vehicle for Cancer Education." *American Journal of Surgery* 172: 220-225, 1997.
38. Sloan, D.A., Donnelly, M.B., Schwartz, R.W., **McGrath, P.C.**, Kenady, D.E., Wood, D.P., Strodel, W.E. "Measuring the Ability of Residents to Manage Oncologic Problems." *Journal of Surgical Oncology* 64:135-142, 1997.
39. Freeman, J.W., Monia, B., Strodel W.E., **McGrath, P.C.** "Efficacy of P120 Antisense Mediated Therapy for Pancreatic Cancer." *Journal of Gastrointestinal Surgery* 1:454-460, 1997.
40. Cunningham, L., Andrykowski, M., Wilson, J., **McGrath, P.**, Sloan, D., Kenady, D. "Physical Symptoms, Distress, and Breast Cancer Risk Perceptions in Women with Benign Breast Problems." *Health Psychology* 17:4, 371-5, 1998.
41. Klyachkin, M.L., Schwartz, R.W., Cibull, M., Munn, R.K., Regine, W.F., Kenady, D.E., **McGrath, P.C.**, Sloan, D.A. "Thyroid Lymphoma: Is There a Role for Surgery?" *The American Surgeon* 64: 234-238, 1998.
42. Carpenter, J.S., Andrykowski, M.A., Cordova, M., Cunningham, L., Studts, J.L., **McGrath, P.C.**, Kenady D. E., Sloan, D.A., Munn, R. "Hot Flashes in Postmenopausal Women Treated for Breast Cancer: Prevalence, Severity, Correlates, Management, and Relation to Quality of Life." *Cancer* 82: 1682-91; 1998.
43. Venkatasubbarao, K., Ahmed M., Swiderski, C., Harp, C., Lee, E., **McGrath, P.**, Mohiuddin, M., Strodel, W., Freeman, J. "Novel Mutations in the Polyadenine Tract of the Transforming Growth Factor B Type II Receptor Gene are Found in a Subpopulation of Human Pancreatic Adenocarcinomas." *Genes, Chromosomes, and Cancer* 22: 138-144, 1998.
44. Carpenter, Andrykowski, Sloan, P., Cunningham, L., Cordova, M., Studts, J., **McGrath P.**, Sloan, D. and Kenady, D. "Postmastectomy/lumpectomy Pain in Breast Cancer Survivors." *Journal of Clinical Epidemiology*, 51, 1285-1292, 1998.
45. Curran, S.L., Andrykowski, M.A., Studts, J.L., Cunningham, L., Carpenter, J.S., **McGrath, P.C.**, Sloan, D.A., Kenady D.E. "Self-Reported Joint Pain and Swelling Following Breast Cancer Treatment: Evidence for Post-Chemotherapy Rheumatism?" *Cancer*. 82 (9): 1682-91; May, 1998.

46. Carpenter, J.S., Sloan, P., Andrykowski, M.A., **McGrath, P.**, Sloan, D., Rexford, T., Kenady, D. "Risk Factors for Pain After Mastectomy/lumpectomy." *Cancer Practice*, 7, 66-70, 1999.
47. Andrykowski MA, Curran SL, Studts JL, Cunningham L, Carpenter JS, **McGrath PC**, Sloan DA, and Kenady DE: "Rheumatoid symptoms following breast cancer treatment: A controlled comparison." *J Pain Symptom Mngmt.* Aug;18(2):85-94; 1999.
48. Andrykowski MA, Cordova MJ, **McGrath PC**, Sloan DA, and Kenady DE: "Stability and Change in PTSD-Like Symptoms Following Breast Cancer Treatment: A One-Year Follow-Up." *Psycho-Oncology* 9: 69-78, 2000.
49. Plymale M, Donnelly MB, Blue AV, Felts J, **McGrath PC**, Kenady DE, and Sloan DA: "A Multidimensional Approach to Breast Cancer Education." *Journal of Cancer Education* 15: 5-9, 2000.
50. Venkatasubbarao K, Ahmed, M, Mohiuddin M, Swiderski C, Lee E, Gower W, Salhab K, **McGrath PC**, Strodel W, Freeman J: "Differential Expression of Transforming Growth Factor B Receptors in Human Pancreatic Adenocarcinoma." *Anti-Cancer Research* Jan-Feb;20(1A):43-51; 2000.
51. Mohiuddin M, Regine WF, John WJ, Hagihara PF, **McGrath PC**, Kenady DE, Marks G: "Preoperative Chemoradiation in Fixed T4 Distal Rectal Cancer: Dose Time Factors for Pathological Complete Response." *Int J Radiat Oncol Biol Phys.* Mar 1;46(4):883-8; 2000.
52. Regine W., John W., **McGrath PC**, Strodel W, Mohiuddin M: "The feasibility of dose escalation using concurrent radiation and 5-fluorouracil therapy following pancreaticoduodenectomy for pancreatic carcinoma." *Journal of HBP Surgery*; 7:53-57; 2000.
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*Represents research performed by surgical resident in the laboratory under my direction.

Non-peer-reviewed Journals

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Kenady, D.E., **McGrath, P.C.**, Schwartz, R.W.: “Treatment of Thyroid Malignancies.” Current Opinion in Oncology 3:128-138, 1991.
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Book Chapters & Books

Book Chapters

McGrath, P.C. "The Role of the Surgeon in Breast Disease Diagnosis: (In) Diagnosis and Detection of Breast Disease" Powell and Stelling Mosby-Year Book, Inc., 1994.

Other Scientific Contributions

Movies

McGrath, P.C., Strodel, W.E. "Long Term Central Venous Catheterization." Southeastern Surgical Congress/Cine'-Med/GlaxoWellcome Surgical Video Library. 1989

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4. **McGrath, P.C.** "Palliation of Pancreatic Cancer." Clinical Oncology Alert 4:20, 1989.
5. **McGrath, P.C.**, McNeill, P.M., Neifeld, J.P., et al.: "Management of Biliary Obstruction in Patients with Unresectable Carcinoma of the Pancreas." Yearbook of Surgery 388, 1990.
6. Freeman, J.W., **McGrath, P.C.**, Bondada, V., et al.: "Prognostic Significance of Proliferation Associated Nucleolar Antigen P120 in Breast Carcinoma." Proceedings of American Association for Cancer Research 31:1082, 1991.
7. Sadove, R.C., Luce, E.A., **McGrath, P.C.:** "Reconstruction Of The Lower Lip and Chin with the Composite Radial Forearm Palmaris Longus Free Flap." Proceedings of the American Society of Plastic and Reconstructive Surgery 151-2, 1990.
8. Freeman, J.W., **McGrath, P.**, Mattingly, C., et al.: "Prognostic Significance of P120 Expression in Breast Cancer: Relationship to Cell Cycle Kinetics." Breast Cancer Res and Treat 19:222, 1992.

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17. Janet S. Carpenter, RN, PhD, AOCN, Michael A. Andrykowski, PhD, Matthew Cordova, MS, Lauren Cunningham, MS1, Jamie Studts, MS, **Patrick McGrath, MD**, Daniel Kenady, MD, David Sloan, MD. "Hot Flashes Following Breast Cancer Treatment: Prevalence, Severity, Predictors, and Management." 12th Annual Southern Nursing Research Society Meeting in Fort Worth, TX Feb 19-21, 1998.
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21. JL Hinson, JT Davis, YM Brill, **P McGrath** and LM Samayoa. "Management of the Axilla in Patients with Clinically Negative Nodes: The University of Kentucky Breast Cancer Center Experience". Presented at USCAP meeting March, 2007. Modern Pathology, Vol. 20 36A, March 2007.
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24. DL Rodgers, K Weisinger, YM Brill, A Moore, **P McGrath** and LM Samayoa. "Management for Breast Cancer Patients with Clinically Negative Axilla in a Single/First Outpatient Visit: The Role of Aspiration Cytology in a Multidisciplinary Cancer Center". USCAP 2008 Annual Meeting, Denver, CO. Poster #56. March 3, 2008.
25. Purdom MS, Cibull ML, Samayoa LM, Romond EH, **McGrath PC**, Karabakhtsian RG. Is the Histologic Tumor Grade an Important Prognostic Factor in Small (T1, T2) Node-Negative Breast Adenocarcinomas? United States and Canadian Academy of Pathology's 98th Annual Meeting. March 7-13, 2009. Boston MA.
26. Hillard, R, Brill, YM, Wright HR, **McGrath, PC**, Romond, EH, Moore, AR, Samayoa, LM. "Preoperative Staging of the Axilla in Clinically Node Negative Breast Cancer Patients – The Memorial Sloan Kettering Sentinel and Non-Sentinel Nomograms and the University of Kentucky Approach Using Axillary Ultrasound and Fine Needle Aspiration Biopsy." Mod Pathol. Suppl 1 ed., vol 24, pp 42A#166. 2011.
27. Frame, S, Burge, M, **McGrath, PC**, Wright, HR, Romond, EH, Fjallskog, ML, Samayoa, LM. "Progesterone Receptor (PR) Status and Tumor Grade – Key Factors in Predicting Oncotype DX Results." Mod Pathol. Suppl 1 ed. Vol 24, pp 39A#154. 2011.

Scientific Meeting Presentations

Falk, L., Johnson, D., **McGrath, P.C.**, Schudel, A., and Deinhardt, F.: "Properties of Continuous T-lymphocyte Cell Cultures of Marmoset Monkeys." 3rd European Congress on Immunology, Copenhagen, Denmark, 1976.

McGrath, P.C.: "Membrane Properties of Lymphocytes Transformed *in vitro* by *Herpesvirus ateles* and Epstein-Barr Virus." 7th Annual Midwest Student Medical Research Forum, Iowa City, Iowa, April 1976.

McGrath, P.C. and Neifeld, J.P.: “Dopamine Receptor Activity in Murine Neuroblastoma”. American Cancer Society, Virginia Chapter Meeting, Richmond, Virginia, March 19, 1983.

McGrath, P.C., Neifeld, J.P., Lawrence, W., Jr., et al.: “Improved Survival After Complete Excision of Retroperitoneal Sarcomas.” 30th Annual Meeting of the Virginia Surgical Society, Williamsburg, Virginia, May 1, 1983.

McGrath, P.C., Neifeld, J.P., Lawrence, W., Jr., et al.: “Improved Survival Following Complete Excision of Retroperitoneal Sarcomas.” 36th Annual Cancer Symposium of the Society of Surgical Oncology (Poster Session), Denver, Colorado, May 2, 1983.

McGrath, P.C. and Neifeld, J.P.: “Inhibition of Murine Neuroblastoma by Dopamine Antagonists.” 17th Annual Meeting of the Association for Academic Surgery, Syracuse, New York, November 29, 1983.

McGrath, P.C., and Neifeld, J.P.: “Inhibition of Human Neuroblastoma by Dopamine Antagonists.” 46th Annual Meeting of the Society of University Surgeons, Boston, Massachusetts, February 6, 1985.

McGrath, P.C.: “Principles of Pediatric Gastrointestinal Sarcomas. Pediatric Gastrointestinal Sarcomas.” Pediatric Oncology Group Meeting, Clearwater, Florida, April 5, 1987.

McGrath, P.C., Neifeld, J.P., Lawrence, W., Jr., et al.: “Gastrointestinal Sarcomas: Analysis of Prognostic Factors.” 34th Annual Meeting of the Virginia Surgical Society, Williamsburg, Virginia, May 2, 1987.

McGrath, P.C., “Characterization of Expanded Murine Lymphokine Activated Killer Cells.” American College of Surgeons, Kentucky Chapter. Louisville, Kentucky, April 28, 1989.

McGrath, P.C., “Management of Biliary Obstruction in Patients with Unresectable Carcinoma of the Pancreas.” 40th Annual Meeting of the Kentucky Surgical Society, Cadiz, Kentucky, May 20, 1989.

McGrath, P.C., Strodel, W.E., “Long Term Central Venous Catheterization.” 58th Annual Assembly of the Southeastern Surgical Congress. (Cine'-Med Surgical Clinic). January 30, 1990.

Hamby, L.S., **McGrath, P.C.**, et al. “Well Differentiated Thyroid Carcinoma: Analysis of Prognostic Factors.” Annual Meeting of Association of VA Surgeons, Milwaukee, Wisconsin, May 10, 1991.

Hamby, L.S. and **McGrath, P.C.** “Phorbol Dibutyrate and Ionomycin Improve the Generation of Murine Cytotoxic Effector Cells.” Annual Meeting of Association of VA Surgeons. Albuquerque, New Mexico, May 1, 1992.

Hamby, L.S., **McGrath, P.C.**, and Freeman, J.W. “Enhanced Proliferation and Cytotoxicity of Murine Tumor Infiltrating Lymphocytes by Phorbol Dibutyrate and

Ionomycin.” American Association for Cancer Research (Poster Session), San Diego, California, May 22, 1992.

Hamby, L.S. and **McGrath, P.C.** “The Management of Indeterminate Mammographic Lesions.” 60th Annual Assembly of the Southeastern Surgical Congress, Atlanta, Georgia, June 3, 1992.

Hamby, L.S., **McGrath, P.C.**, Luce, E., and Kenady, D.E. “Optimizing Primary Treatment for Advanced Laryngeal and Pyriform Sinus Carcinoma.” Third International Conference on Head and Neck Cancer. San Francisco, California, July 27, 1992.

McGrath, P.C. and Hamby, L.S. “Phorbol Dibutyrate and Ionomycin Improve Generation of Cytotoxic T-cells from Draining Lymph Nodes of Patients with Advanced Head and Neck Cancer.” Third International Conference on Head and Neck Cancer, San Francisco, California, July 27, 1992.

Hamby, L.S., Freeman, J.W., and **McGrath, P.C.** “Adjuvant Treatment with Stimulated Lymphocytes from Draining Lymph Nodes (DLN) Improves Survival after Surgical Resection in a Murine Model.” American College of Surgeons Surgical Forum, New Orleans, Louisiana, October 4, 1992.

McGrath, P.C., Holley, D.T., Freeman, J.W., et al. “Significance of Nucleolar Proliferation Antigen P120 in Breast Cancer: Correlation to Prognostic Factors.” 46th Annual Meeting of the Society of Surgical Oncology. Los Angeles, CA. March 18-21, 1993.

Hamby, L.S., Freeman, J.W., **McGrath, P.C.** “Survival Following Surgical Resection is Improved by Post-Operative Adjuvant Immunotherapy in a Murine Model.” 46th Annual Meeting of the Society of Surgical Oncology. Los Angeles, CA. March 18-21, 1993.

Fonagy, A., **McGrath, P.C.**, Swiderski, P., et al. “Correlation of P120 Expression with Proliferation Properties and Prognostic Factors in Breast Tumors and Breast Cancer Cell Lines.” American Association for Cancer Research (Poster Session). Orlando, Florida, May 19, 1993.

Freeman, J.W., **McGrath, P.C.**, Fonagy, A., Bolton, W. “Association of P120 Expression with Proliferation Rate and other Prognostic Markers in Breast Cancer.” 16th Annual San Antonio Breast Cancer Symposium (Poster Session). San Antonio, Texas. November 5, 1993.

Holley, D., Toursarkissian, B., Vasconez, H., Kenady, D., Sloan, D., and **McGrath, P.C.** “The Ramifications of Immediate Reconstruction in the Management of Breast Cancer.” 62nd Annual Assembly of Southeastern Surgical Congress. Lake Buena Vista, Florida. February 7, 1994.

McGrath, P.C., Holley, D.T., Hamby, L.S., et al. “Proliferation Associated Nucleolar Antigen P120: A Prognostic Marker in Node-Negative Breast Cancer.” Fifty-First Annual Meeting of the Central Surgical Association. Chicago, IL. March 3-5, 1994.

Holley, D., Freeman, J., Hamby, L., Mattingly C., **McGrath, P.** “The Generation of Tumor Specific Cytotoxic T-Cells from Regional Lymph Nodes.” 48th Annual Symposium of the Association of VA Surgeons. Reno, Nevada. May 4-7, 1994.

Sloan, D., Donnelly, M., Schwartz, R., Strodel, W., Kenady, D., **McGrath, P.** “How Well Do Medical Students and Residents Understand Ductal Carcinoma In Situ? The Value of the Standardized Patient Interview.” 48th Annual Meeting of the Society of Surgical Oncology Boston, MA. March 23, 1995.

Freeman, J.W., Bolton, W., Fonagy, A., **McGrath, P.C.**, Swiderski, C. “Altered Transcriptional Control of the P120 Gene is Associated with Increase Proliferation Potential of Breast Carcinoma.” American Association for Cancer Research. Toronto, Canada, March 14, 1995.

Sloan, D., Donnelly, M., Plymale, M., **McGrath, P.**, Kenady, D. “The Use of Structured Clinical Instruction for Teaching Breast Cancer Management.” 49th Annual Meeting of the Society of Surgical Oncology Atlanta, GA. March 22, 1996.

Freeman, J.W., Monia, B., Strodel W.E., **McGrath, P.C.** “Efficacy of P120 Antisense Mediated Therapy for Pancreatic Cancer.” The Society for Surgery of the Alimentary Tract. San Francisco, CA. May 20, 1996.

Freeman, J.W., Swiderski, C., Fonagy, A., **McGrath, P.C.** “Induction of the P120 Gene in Response to DNA-Damaging Agents.” American Association for Cancer Research. Washington, D.C. April 23, 1996.

Thornton, B.P., Stewart, D.H., **McGrath, P.C.**, Pu, L.L.Q. “Breast Reduction as an Alternative Treatment Option for Early Breast Cancer in Women with Macromastia.” Southeastern Society of Plastic & Reconstructive Surgeons Annual Scientific Meeting. Paradise Island, The Bahamas. June 8, 2005.

Purdom MS, Cibull ML, Samayoa LM, Romond EH, **McGrath PC**, Karabakhtsian RG. Is the Histologic Tumor Grade an Important Prognostic Factor in Small (T1, T2) Node-Negative Breast Adenocarcinomas? United States and Canadian Academy of Pathology’s 98th Annual Meeting. Boston MA. March 7-13, 2009.

Peer-reviewed Grants

1996-1997

American Cancer Society - "Clinical Significance of P120 in Breast Cancer". (Co-PI) \$200,000

1989

American Cancer Society Institutional Research Grant. "Phorbol Ester and Calcium Ionophore Stimulated Murine Lymphokine Activated Killer Cells: Characterization and Use in a Surgical Adjuvant Immunotherapy Model. \$7,500 (PI)

1989

University of Kentucky Biomedical Research Support
Equipment Grant. \$3,454 (PI)

1989

University of Kentucky PSP Award - "Characterization
of Murine LAK Cells Stimulated with Phorbol Ester and
Calcium Ionophore and their Role in Adjuvant Adoptive
Immunotherapy." \$14,944 (PI)

1986-1989

American Cancer Society Career Development Award.
\$90,000 (PI)

2001-2005

National Cancer Institute NIH "Breast Cancer Etiology"
RO1CA90892-02. Co-investigator. \$1,841,161.00

Updated
12/22/11