

Name: Ana Magdalena Grau, M.D., F.A.C.S.

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Education:

Medical School and Internship. Universidad Catolica de Chile. Santiago, Chile, M.D. degree "Maximum Distinction"	Jan. 1983-Jan. 1990
General Surgery Residency, Universidad Catolica de Chile	May 1990- April 1993
General Surgery Residency, University of Arizona, Tucson Hospitals	July 1994- June 1999
Surgical Oncology Research Fellowship, University of Texas M.D. Anderson Cancer Center (Steven Curley, M.D.)	July 1996- June 1997
Surgical Oncology Fellowship, University of Texas M.D. Anderson Cancer Center, (Steven Curley, M.D.)	July 1999- June 2001

Licensure and Certification:

Diplomate of the American Board of Surgery,
Issued June 6, 2000
Qualifying Examination: Percentile 97
Certifying Examination: Passed
State of Tennessee Board of Medical Examiners:
State of Texas Board of Medical Examiners:
State of Arizona Board of Medical Examiners:
United States Medical Licensing Examination
Educational Commission for Foreign Medical Graduates (ECFMG)
Foreign Medical Graduate Examination in the Medical Sciences

Academic Appointments:

Assistant Professor Department of Surgery Meharry Medical College Nashville, TN	2001-2006
Chief, Surgical Oncology Nashville General Hospital at Meharry Nashville, TN	2001-2006

Medical Director, Breast Health Center Nashville General Hospital at Meharry Nashville, TN	2002-2006
Associate Professor Department of Surgery Meharry Medical College Nashville, TN	2006
Staff Surgeon Veteran's Administration Medical Center Nashville, TN	2007
Assistant Professor Division of Surgical Oncology Section of Surgical Sciences Vanderbilt University Nashville, TN	2001-2007

Hospital Appointments:

Nashville General Hospital at Meharry	2001-2007
Vanderbilt University Medical Center	2001-2007
Veteran's Administration Medical Center, Nashville, TN	2007

Professional Organizations (current):

American Society of Clinical Oncology
American Association for Cancer Research
Society of Surgical Oncology
American College of Surgeons, Fellow
Society for Surgery of the Alimentary Tract
Association for Academic Surgery
Western Surgical Association

Professional Activities:

International Relations Committee, American College of Surgeons-ACS
Member Scholar Selection sub-Committee
Society of Surgical Oncology Disparities Task Force

Completed:

International Relations Committee, American College of Surgeons- ACOSOG
Nashville General Hospital at Meharry
Cancer Physician Liaison, American College of Surgeons,
Commission on Cancer (2001-2006)
Chair, Cancer Committee, Nashville General Hospital at Meharry (2006)
Breast Center Planning Committee, 2002 (Breast Center opened 2002)
"Free Mammograms in May" Committee, 2003-2006
Meharry Medical College
Department of Surgery, Advisory Committee
Department of Surgery, Appointment and Promotion Committee

"Biomarkers of racial disparity in colorectal cancer". Submitted with U54 grant application Meharry-Vanderbilt Alliance.

Ongoing:

1 P50CA098131-01 C. Arteaga (PI) 8/7/2003-5/31/2008
NIH/NCI
SPORC in breast cancer.
Role: Co-Investigator in 2 of the main projects: 5% Effort
"HER (erbB) tyrosine kinase inhibitors in treatment-naive operable breast cancer" To determine the antitumor effect of an inhibitor of the HER (erbB) signaling in patients with operable breast cancer and identify a molecular profile associated with evidence of response in situ.
and
"Development of Predictive Markers of Response to Neoadjuvant Paclitaxel therapy in Stage II/III Breast Cancer" To determine if paclitaxel administration to patients with locally advanced breast cancer leads to tumor cell transit into mitosis, loss of proliferation, and apoptosis, and if these events predict for tumor response

Susan G. Komen Foundation Julie Means-Powell (PI)
"Serum Protein Profiles among African American and White Women at Elevated Risk for Breast Cancer". From a Consortium of Vanderbilt-Ingram Cancer Center, Meharry Medical College, International Epidemiology Institute. Funded
Role: Co-Investigator

NIH R01 CA92447
"Southern Community Cohort Study" William J. Blot, PhD, PI
Submitted June 2006
Role: Co-investigator

Publications (Articles in refereed journals):

- 1 López F, Grau AM, Méndez A, Zúñiga A. "*Radiation enteritis: the results of surgical treatment*". Rev. Med. Chile. 1990, 118: 1338-1343
- 2 Skorin C, Necochea C, Johow V, Soto U, Grau AM, Bremer J, Leighton F. "*Peroxisomal fatty acid oxidation and inhibitors of the mitochondria carnitine palmitoyltransferase I in rat isolated hepatocytes*". Biochemical Journal. 1992, 281: 561-567
- 3 Grau A, Mertens R, Rahmer A, Zúñiga A. "*Hemicolectomía derecha: Resultados de la cirugía no programada y electiva*".(Right hemicolectomy: non planned versus programmed intervention). Rev. Chil. Cir. 1992, 44: 433-436
- 4 Grau A, Quintana C, Zúñiga A. "*Crohn's disease: clinical presentation and results of surgical treatment*". Rev. Med. Chile. 1993, 121: 162-166
- 5 Zalaquett R, Morán S, Irrazaval MJ, Maturana G, Navarro M, Grau A, Lema G, Urzúa J. "*Surgery of acute mitral valve insufficiency*". Rev. Med. Chile. 1993, 121: 403-407
- 6 López FK, Rahmer AO, Pimentel F, Guzmán S, Llanos OL, Ibáñez LA, Howard M, Grau AM, Zúñiga A. "*Colorectal cancer. Study of survival and surgical results*". Rev. Med. Chile. 1993, 121: 1142-1148

- 7 Grau AM, Zhang L, Wang W, Evans D, Abbruzzese J, Chiao P. "TGF β -mediated growth inhibition of human pancreatic cancer requires a functional DPC4 tumor suppressor gene". Owen H. Wangenstein Surgical Forum. Volume XLVIII, 1997
- 8 Grau AM, Zhang L, Wang W, Ruan S, Evans D, Abbruzzese J, Zhang W, Chiao P. "Induction of p21waf1 expression and growth inhibition by transforming growth factor- β involve the tumor suppressor gene DPC4 in human pancreatic adenocarcinoma cells". Cancer Research. 1997, 57: 3929-3934
- 9 Bold RJ, Hess KR, Pearson AS, Grau AM, Sinicrope FA, Jennings M, McConkey DJ, Bucana CD, Cleary KR, Hallin PA, Chiao PJ, Abbruzzese JL. "Prognostic Factors in Resectable Pancreatic Cancer:p53 and Bcl-2". Journal of Gastrointestinal Surgery. 1999, 3(3):263-277
- 10 Chiao PJ, Hunt KK, Grau AM, Abramian A, Fleming J, Zhang W, Breslin T, Abbruzzese JL, Evans DB. "Tumor suppressor gene Smad4/DPC4, its downstream target genes, and regulation of cell cycle". Annals New York Academy of Sciences. 1999, 880: 31-37
- 11 Peng B, Fleming J, Breslin T, Grau AM, Fojioka S, Abbruzzese JL, Evans DB, Ayers D, Wathen K, Wu T, Robertson KD, Chiao PJ "Suppression of Tumorigenesis and Induction of p15^{ink4b} by Smad4/DPC4 in Human Pancreatic Cancer Cells". Clinical Cancer Research. 2002, 8: 3628-3638
- 12 Clark T, Riordan W, Grau AM, Dave DS, Roberts RL, Smith ER. "Colonic Adenocarcinoma in a Congenital Rectourethral Fistula in Association with High Imperforate Anus and Multiple Genitourinary Anomalies". J Urol. 2002 Dec;168(6):2537
- 13 Raut CP, Grau AM, Staerkel GA, Kaw M, Tamm EP, Wolff RA, Vauthey JN, Lee JE, Pisters PWT, Evans DB. "Diagnostic Accuracy of Endoscopic Ultrasound-Guided Fine-Needle Aspiration in Patients with Presumed Pancreatic Cancer" J Gastrointest Surg. 2003 Jan;7(1):118-28
- 14 Guerrero MA, Ballard BR, Grau AM. "Malignant Phyllodes Tumor of the Breast: Review of the Literature and Case Report of Stromal Overgrowth". Surgical Oncology. 2003, 12(1):27-36
- 15 Grau AM, Ata A, Foster L, Ahmed NU, Gorman D, Shyr Y, Stain SC, Pearson AS. "Effect of race on long-term survival of breast cancer patients: Trans-institutional analysis from an inner city hospital and university medical center". The American Surgeon. 2005, February, Vol 71: 164-170
- 16 Grau AM, Ballard BR. "Transduodenal Excision of Bleeding Periampullary Endocrine Tumor as a Bridge to Pancreaticoduodenectomy in a Jehovah's Witness Patient". J Gastrointest Surg. 2006, Mar;10(3):428-33
- 17 Chakravarthy B, Kelley MC, McLaren B, Truica C, Billheimer D, Mayer I, Grau AM, Johnson DH, Simpson JF, Beauchamp RD, Brown C, Pietenpol JA. "Neoadjuvant Concurrent Paclitaxel and Radiation in Stage II/III Breast Cancer" Clin Cancer Res 2006 12: 1570-1576
- 18 Grau AM, Datta PK, Zi J, Halder S, Beauchamp RD. "Role of Smad Proteins in the Regulation of NF-KappaB by TGF-beta in Colon Cancer Cells". Cellular Signalling 2006 Jul;18(7):1041-1050
- 19 Ata A, Elzey JD, Insaf TZ, Grau AM, Stain SC, Ahmed NU. "Colorectal cancer prevention: Adherence patterns and correlates of tests done for screening purposes

within US populations". *Cancer Detect Prev.* 2006 30(2):134-43. Epub 2006 Apr 25

Book Chapters

- 1 Reilly JA, Grau AM, "*Hematologic malignancies and splenic tumors*" In Feig BW, Berger DH, Fuhrman GM (eds), *The M.D. Anderson Surgical Oncology Handbook*. Second Edition. Philadelphia: Lippincott Williams & Wilkins, 1999
- 2 Grau AM, Evans DB. "*Carcinoma of the Parathyroid Glands*". Phillip Pellitteri and Thomas McCaffrey editors. Chapter 42, *Endocrine Surgery of the Head and Neck*. Cingular, 2002
- 3 Grau AM, Pollock RE. "*Management of Soft Tissue Sarcomas: Extremity and Chest*". In Kirby I. Bland editor, Chapter 160. *The Practice of General Surgery*. W.B. Saunders, 2002
- 4 Grau AM, FR, Bouvet M, Fuhrman GM, Berger DH. "*Pancreatic Adenocarcinoma*" In Feig BW editor, *The M.D. Anderson Surgical Oncology Handbook*. Third Edition. Philadelphia: Lippincott Williams & Wilkins, 2003
- 5 Jean M, Grau AM. "*Carcinoma of the Thyroid and Parathyroid Glands*" In Feig BW editor, *The M.D. Anderson Surgical Oncology Handbook*. Third Edition. Philadelphia: Lippincott Williams & Wilkins, 2003
- 6 Frederick W, Romaguera J, Reilly JA, Grau AM, "*Hematologic malignancies and splenic tumors*" In Feig BW editor, *The M.D. Anderson Surgical Oncology Handbook*. Third Edition. Philadelphia: Lippincott Williams & Wilkins, 2003
- 7 Huang RF, Grau AM, Spitz FR, Bouvet M, Fuhrman GM, Berger DH. "*Pancreatic Adenocarcinoma*" In Feig BW editor, *The M.D. Anderson Surgical Oncology Handbook*. Fourth Edition. Philadelphia: Lippincott Williams & Wilkins, 2006
- 8 Frederick W, Romaguera J, Reilly JA, Grau AM, "*Hematologic malignancies and splenic tumors*" In Feig BW editor, *The M.D. Anderson Surgical Oncology Handbook*. Fourth Edition. Philadelphia: Lippincott Williams & Wilkins, 2006

Abstracts and Presentations at Scientific Meetings (peer reviewed)

- 1 Santos MJ, Manzano M, Grau AM, Leighton F. "*Inducción de peroxisomas en células animales en cultivo*" (Peroxisomal induction in animal cells in culture). XXVIII Reunión anual de la Sociedad de Biología de Chile, 1985
- 2 Grau AM, Carrasco O, Necochea C, Leighton F "*Modificación del catabolismo de purinas en ratas con dieta rica en fructosa*" (Changes in purine catabolism in rats on a high-fructose diet). IX Congreso Científico de Estudiantes de Medicina, Santiago, Chile, 1986
- 3 Necochea C, Johow V, Soto U, Grau AM "*Oxidación peroxisomal de ácidos grasos e inhibidores de la carnitina palmitoil transferasa mitocondrial (CPTI)*" (Peroxisomal oxidation of fatty acids and inhibitors of mitochondrial carnitine palmitoyl transferase). *Arch. Biol. Med. Expl.* 22, R282, 1989
- 4 Skorin C, Johow V, Soto U, Grau AM, Necochea C, Leighton F. "*Effect of inhibitors of the mitochondrial carnitine palmitoyl transferase I on peroxisomal fatty acid oxidation in rat hepatocytes*". X International Symposium on Drugs Affecting Lipid Metabolism, Houston, Texas, 1989

- 5 López F, Grau AM, Méndez A, Zúñiga A. "*Enteritis Actínica: Resultados del tratamiento quirúrgico*" (Results of the surgical treatment of radiation enteropathy). LXII Congreso Chileno e Internacional de Cirugía. Sociedad de Cirujanos de Chile, 1989, and XVI Congreso Chileno de Gastroenterología, 1989
- 6 López KF, Grau AM, Zúñiga AD. "*Evaluación del tratamiento quirúrgico del cáncer colorrectal*" (Evaluation of surgical therapy in colorectal cancer). LXIII Congreso Chileno e Internacional de Cirugía. Sociedad de Cirujanos de Chile, 1990
- 7 Zalaquett R, Morán S, Irrarrázaval MJ, Maturana G, Navarro M, Grau AM, Lema G, Urzúa J. "*Insuficiencia Mitral aguda*" (Acute Mitral insufficiency). XXVIII Congreso Chileno de Cardiología y Cirugía Cardiovascular, 1991
- 8 Grau AM, Quintana C, López F, Zúñiga A. "*Resultados del tratamiento quirúrgico de la Enfermedad de Crohn*" (Results of the surgical treatment of Crohn's Disease). XVIII Congreso Chileno de Gastroenterología, 1991
- 9 Grau AM, Martínez J, Zúñiga A, Guzmán S. "*Pancreatitis aguda grave: Evaluación del diagnóstico y manejo quirúrgico agresivo de la complicación séptica*" (Acute pancreatitis: diagnosis and surgical treatment of septic complications). XVIII Congreso Chileno de Gastroenterología, 1991
- 10 Grau AM, Quintana C, López KF, Zúñiga DA. "*Resultados del tratamiento quirúrgico de la Enfermedad de Crohn*" (Results of the surgical treatment of Crohn's Disease). LXIV Congreso Chileno e Internacional de Cirugía, 1991
- 11 Zúñiga DA, López KF, Pimentel MF, Grau AM, Rahmer OA "*Proctocolectomía, reservorio ileal y anastomosis reservorio anal: Indicaciones y resultados*" (Proctocolectomy, ileal pouch and ileoanal anastomosis: indications and results). LXIV Congreso Chileno e Internacional de Cirugía, 1991
- 12 Valdés F, Krämer A, Mertens R, Grau AM "*Endarterectomía aórtica en el tratamiento del Síndrome de Leriche*" (Aortic endarterectomy in the treatment of Leriche's Syndrome). LXV Congreso Chileno e Internacional de Cirugía, 1992
- 13 Espinoza R, Grau AM, Sonneborn R, Aguilera H. "*Colostomías por trauma: una alternativa válida*" (Colostomy in trauma). V Congreso Panamericano de Trauma. México, 1992
- 14 Grau AM, Zhang L, Wang W, Evans D, Abbruzzese J, Chiao P. "*TGF β -mediated growth inhibition of human pancreatic cancer requires a functional DPC4 tumor suppressor gene*". 31 st Annual Meeting of the Pancreas Club, Bethesda, MD, 1997 and at the American College of Surgeons Surgical Forum, Chicago, 1997
- 15 Grau AM, Bold R, Bouvet M, Evans D, Abbruzzese JL, Chiao P. "*Portal vein injection as a model of metastatic pancreatic cancer and the development of highly metastatic variants*". Presented at The American Pancreatic Association, Chicago, 1997. *Pancreas*, 1997, 15 (4): 436
- 16 Grau AM, Evans DB, Lee JE, Pisters MD, Robinson EK, Cleary KR, Chiao P, Larry L, Hess KR, Abbruzzese JL. "*k-ras mutations: The most powerful predictor of recurrence and survival in patients with adenocarcinoma of the pancreas treated with potentially curative multimodality therapy*". Presented at the 83rd Annual Clinical Congress of The American College of Surgeons, Chicago, 1997, and at The American Pancreatic Association, Chicago, 1997. *Pancreas*, 1997, 15 (4): 436

- 17 Bold RJ, Evans DB, Hess KR, Grau AM, Sinicrope F, Cleary KR, Chiao PJ, Abbruzzese JL. "*Molecular genetics of pancreatic cancer*". Presented at the Society for Surgery of the Alimentary Tract Annual Meeting. May, 1998.
- 18 Grau AM, Lahoti S, Charnsangavej C, Staerke G, Lee J, Pisters P, Abbruzzese J, Evans DB. "*Endoscopic Ultrasound-guided fine needle biopsy of the pancreas*". Presented at the Society of Surgical Oncology Cancer Symposium. 2000, New Orleans
- 19 Peng B, Fleming J, Breslin T, Grau AM, Wu T, Evans DB, Abbruzzese J, Chiao PJ. "*Differential induction of p15INK4b and p21WAF1 and suppression of tumorigenesis by Smad4/DPC4 in human pancreatic cancer cells*" Presented at 92nd Annual Meeting of the American Association for Cancer Research, New Orleans 2001. Proceedings of the AACR, 2001, volume 42: #4139
- 20 Raut CP, Pisters PWT, Grau AM, Kaw M, Staerke GA, Wolff RA, Vauthey JN, Lee JE, Evans DB. "*Diagnostic Accuracy of EUS-FNA in presumed pancreatic cancer*" Presented at the Pancreas Forum at the DDW meeting. May 2002, San Francisco
- 21 Grau AM, Datta PK, Zi J, Halder SK, Stain SC, Beauchamp RD. "*TGF- β regulates NF-kB through a smad dependent pathway in colon cancer cells*". Presented at the MMC/Vanderbilt U54 Cancer Partnership 3rd Annual Retreat, November 2002, Nashville, TN
- 22 Cardenas R, Grau AM. "*Imperforate Anus: Consequences 66 years in the Making*" Presented at The Southern Medical Association's 96th Annual Scientific Assembly. November 2002, Washington, D.C.
- 23 Guerrero M, Grau AM. "*Cystosarcoma Phyllodes: A Case Report of Stromal Overgrowth in a Malignant Phyllodes Tumor*" Presented at The Southern Medical Association's 96th Annual Scientific Assembly. November 2002, Washington, D.C.
- 24 Grau AM, Datta PK, Zi J, Halder SK, Stain SC, Beauchamp RD. "*TGF- β regulates NF-kB through a smad dependent pathway in colon cancer cells*". Presented at the Association for Academic Surgery Annual Meeting. November 2002, Boston, MA. Published in Journal of Surgical Research, Vol. 107, No. 2:281, 2002
- 25 Grau AM, Zi, J, Datta PK, Stain SC, Beauchamp RD. "*RhoB regulates NF-kB through a TGF- β and smad independent pathway in cancer cells*". Presented at the Annual Meeting of The Society of Surgical Oncology, March, 2003, Los Angeles, CA
- 26 Chakravarthy A, Charaund P, Kelley M, Johnson D, Stewart Z, Beauchamp RD, Grau AM, Pearson S, Simpson J, Pietenpol J. "*Proteomic profiles from serial core biopsies following neoadjuvant paclitaxel/radiation for stage II/III breast cancer*". Presented at the Thirty-Ninth Annual Meeting of the American Society of Clinical Oncology, May 2003, Chicago, IL
- 27 Spencer BR, Grau AM. "*Angiomatoid Fibrous Histiocytoma, a case report of an unusual presentation*". Presented at The Southern Medical Association's 97th Annual Scientific Assembly. November, 2003, Atlanta, GA
- 28 Grau AM, Ata A, Foster L, Ahmed NU, Stain SC, Shyr Y, Reasoner D, Pearson AS. "*Effect of race on long-term survival of breast cancer patients*". Presented at the 75th Annual Meeting of The Pacific Coast Surgical Association, February 2004, Wailea, HI

- 29 Grau AM, Wada M, Zi J, Datta PK, Beauchamp RD. "Role of Small GTP-ase RhoB in pancreatic cancer tumorigenesis". Presented at the Lustgarten Foundation-AACR Pancreatic Cancer Meeting, San Francisco, CA, June 2004
- 30 Malin A, Wujcik D, Grau A, Zheng W, Egan K. "Delayed Resolution of Incomplete Mammograms in the Public Hospital Setting". Third Annual AACR International Conference on Frontiers in Cancer Prevention Research, Seattle, Washington, October 2004
- 31 Malin, A., Wujcik, D., Sivakumar, A., Grau, A., Champion, V., Zheng, W., Egan, K. Follow-up of public hospital patients with incomplete mammograms. *The 2nd Annual Minority Institution/Cancer Center Partnership Funded Investigators Workshop, Bethesda, MD, September, 2005*
- 32 Flores AM, Dwyer KD, Grau AM, Kelley M, Murphy BA, Hagy BS. "Physical Function Disparities and Breast Cancer: Preliminary Results" The 2nd Annual Minority Institution/Cancer Center Partnership. Funded Investigators Workshop, Bethesda, MD, September, 2005
- 33 Flores AM, Dwyer KD, Grau AM, Kelley MC, Murphy BA, Hagy BS, Watson LM. "Physical Function Disparities and Breast Cancer: Preliminary Results" *Psycho-Oncology* (suppl). Forthcoming. Presented at the Meeting of American PsychoSocial Oncology Society, February 2006
- 34 Ata A, Elzey JD, Insaf TZ, Grau AM, Stain SC, Ahmed NU. "Colorectal cancer prevention: Adherence patterns and correlates of tests done for screening purposes within US populations". To be presented in the AACR Annual Meeting in Washington, DC, April 2006
- 35 Chakravarthy, B., Mayer, I.A., Meszoely, I., Kelley, M.C., Means-Powell, J., Grau, A.M., Johnson, D.H., McLaren, B., N., Broome, E.E., Pietenpol, J.A. "Phase II study of neoadjuvant dose-dense docetaxel in stage II/III breast cancer". Presented at The 29th Annual San Antonio Breast Cancer Symposium, in San Antonio, TX, December 2006
- 36 Seeley, E., Chakravarthy, B., Mi, D., De Matos Grania, N., Meszoely, I., Kelley, M., Mayer, I., Means-Powell, J., Johnson, K., Grau, AM., Caprioli, R., and Pietenpol, J.A. "Histology-directed MALDI-TOF tissue profiling of breast tumors and adjacent stroma: developing markers of therapeutic response to therapy". Presented at The 29th Annual San Antonio Breast Cancer Symposium, San Antonio, TX, December 2006
- 37 Malin, A., Wujcik, D., Wilson, V., Lin, J., Grau A., Champion V., Zheng W. "Predictors of delay to timely mammography resolution in minority and medically underserved women". Poster presentation at the 5th annual AACR International Conference on Frontiers in Cancer Prevention Research. November 2006. Boston, MA
- 38 Berlin KL, Chont M, Elzey JD, Grau AM, and Compas BE. "Coping Style and Internalizing Symptoms in Daughters at Risk for Breast Cancer". Association of Behavioral and Cognitive Therapy, November 2006, Chicago, IL
- 39 Shiou SR, Zi J, Grau AM, Beauchamp RD. The Role of Wnt/ β -catenin Activation in Transforming Growth Factor- β - Mediated Modulation of Carcinoma Cell Behavior Presented at Keystone Symposium "Host Cell Interaction and Response to the Cancer Cell", January 2007 Keystone, CO

- 40 Wujcik D, Lin S, Grau AM, Champion V, Zheng W, Egan K, Malin A. "*Psychosocial Factors Influencing Timely Completion Of Follow Up After Incomplete Or Abnormal Screening Mammography Results In A Medically Underserved Population*" To be presented at Oncology Nursing Society 9th National Conference on Cancer Nursing Research, February 2007, Hollywood, CA
- 41 Berlin KL, Chont M, Elzey JD, Grau AM, and Compas BE. "*Measurement of Baseline Stress Hormones in Women at Risk for Breast Cancer*" Society for Behavioral Medicine, March 2007

CME/Invited Lectures

- 1 The 26th Annual Matthew Walker Surgical Symposium, Nashville, TN, March 2002. "Pancreatic Cancer: Optimizing Patient Selection for Surgery"
- 2 The 27th Annual Matthew Walker Surgical Symposium, Nashville, TN, March 2003. "Role of TGF- β and NF- κ B in Gastrointestinal Cancer Progression"
- 3 Bedford County Medical Center, Shelbyville, TN, April 2003. "Imaging in Breast Disease"
- 4 Department of Surgery Grand Rounds, Vanderbilt University, November 2003. "Colorectal and Anal Canal Cancer"
- 5 Department of Obstetrics and Gynecology Grand Rounds, Meharry Medical College, November 2003. "Diagnosis and Treatment of Breast Cancer"
- 6 Department of Surgery Grand Rounds, Meharry Medical College, January 2005. "Pancreatic Cancer"
- 7 Department of Internal Medicine Grand Rounds, Meharry Medical College, January 2005. "Pancreatic Cancer"
- 8 The University of Texas MD Anderson Cancer Center, Surgical Oncology Fellowship Seminar, April 2005. "Thoughts on how to set up a laboratory"
- 9 The University of Texas MD Anderson Cancer Center, Pancreatic Cancer Study Group, April 2005. "Role of RhoB in TGF- β -Mediated Tumor Promoting Events, and in the Regulation of NF- κ B by TGF- β , in Pancreatic Cancer"
- 10 Co-Chair, Breast Cancer Breakout Session, MI/CCP Workshop, Bethesda, MD, September 2005
- 11 The 30th Annual Matthew Walker Surgical Symposium, Nashville, TN, March 2006. "Disparities in Breast Cancer Survival"
- 12 Department of Surgery Grand Rounds, Meharry Medical College, September, 2006. "Breast Cancer in African American Women and the NGH at Meharry Breast Health Center Experience"
- 13 Nashville General Hospital at Meharry Tumor Board. Average of 12 educational case presentations/lectures for Medical Students, Residents, Faculty a year, from 2001-2006