

CURRICULUM VITAE

HARRY M. LIGHTFOOT, JR., MD

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Married with 1 daughter

PROFESSIONAL:

August 2006 – Present

Assistant Professor of Surgery

Department of Surgery

Duke University Health System

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TRAINING:

2005-2006 **Diverse Surgeons' Initiative, Advanced Laparoscopic Training Course**
Ethicon Endo-Surgery Institute, Cincinnati, Ohio

2004-2006 **Resident in Surgery, University of North Carolina at Chapel Hill, NC**

2002-2004 **Clinical Oncology Research Fellowship, University of North Carolina, Chapel Hill, NC**

1999-2002 **Resident in Surgery, University of North Carolina at Chapel Hill, NC**

EDUCATION:

1995-1999 **University of North Carolina School of Medicine - Chapel Hill, NC**
Doctorate of Medicine, 1999

1988-1992 **Tufts University - Medford, MA**
Bachelor of Science in Psychology and Child Development, 1992

1983-1988 **Kent School – Kent, CT**

BOARD CERTIFICATION and LICENSURE:

1997, 1999, 2002 **United States Medical Licensing Examination**

2002 **North Carolina Medical Board #2002-1117**

2002 **DEA License #BL8135015**

2007 **Diplomate, American Board of Surgery, Certificate # 052605**

AWARDS and HONORS:

2006 Kaiser Permanente Excellence in Resident Teaching Award for Surgery

2006 SLS Outstanding Laparoendoscopic Resident Surgeon

2006 Eskuland Award for excellence in Pediatric Surgery

2002 Alpha Omega Alpha Honor Medical Society

2002	Eskuland Award for excellence in Pediatric Surgery
1997	National Medical Fellowship/Bristol Myers Squibb Research Fellowship
1997	Merck/Association for Academic Minority Physicians Fellowship
1997	Holderness Fellowship
1997	John B. Graham Student Research Society
1997	Eugene S. Mayer Community Service Honor Society
1996	Outstanding Young Men of America
1996	National Institutes of Health Summer Research Grant
1997-1995	Sarah Keenan Medical Scholarship
1989	Tufts University Varsity Football Most Valuable Player

DIRECTORSHIPS:

2007 – Present	Lincoln Community Health Center, Board of Director
2006 – Present	M-PowerHouse, Board of Director

RESEARCH:

Publications (Manuscripts)

1. Hatch, SB., **Lightfoot, HM Jr.**, Garwacki, CP, Moore, DT, Calvo, BF, Woosley, JT, Sciarrotta, J, Funkhouser, WK, Farber, RA Microsatellite instability testing in colorectal carcinoma: choice of marker affects sensitivity of detection of mismatch repair-deficient tumors. *Clinical Cancer Research*, 11 (6): 2180-2187, 2005.
2. **Lightfoot, HM Jr.**, Lark, A, Livasy, CA, Moore, DT, Cowan, D, Dressler, L, Craven, RJ, Cance, WG. Upregulation of focal adhesion kinase (FAK) expression in ductal carcinoma in situ (DCIS) is an early event in breast tumorigenesis. *Breast Cancer Research and Treatment*, 88 (2): 109-116, 2004.
3. Craven, RJ, **Lightfoot, HM Jr.**, Cance, W. A decade of tyrosine kinases: from gene discovery to therapeutics. *Surgical Oncology*, 12: 39-50, 2003.
4. Andreoni, KA, **Lightfoot, H Jr.**, Gerber, DA, Johnson, MW, Fair, JH. Laparoscopic incisional hernia repair in liver transplant and other immunosuppressed patients. *American Journal of Transplantation*, 2: 349-354, 2002.
5. Blackstock, AW, **Lightfoot, H**, Case, LD, Tepper, JE, Mukherji, SK, Mitchell, BS, Swarts, SG, Hess, SM. Tumor uptake and elimination of 2'2'-difluoro-2'-deoxycytidine (gemcitabine) after deoxycytidine kinase gene transfer: Correlation with in vivo tumor response. *Clinical Cancer Research*. 7(10): 3263-8, 2001.

Publications (Abstracts)

1. **Lightfoot, HM Jr**, Lapaglia, M, Pleasant, A, Cairns, BA, Fair, JA. Detection and characterization of hepatic engraftment with embryonic stem (ES) derived cells by fluorescence stereomicroscopy. *Journal of Surgical Research* 2004; Vol. 121 (2), 296.
2. **Lightfoot, HM Jr**, Cairns, BA, Lapaglia, M, Pleasant, A, Meyer, AA, Fair, JA. Murine Embryonic Stem (ES) cells inhibit human pancreatic carcinoma cell growth in vitro. *Journal of Surgical Research* 2004; Vol. 121 (2). 342.
3. **Lightfoot, HM Jr.**, Lark, A, Livasy, CA, Moore, DT, Cowan, D, Dressler, L, Cance, WG. Upregulation of Focal Adhesion Kinase (FAK) expression in ductal carcinoma in situ (DCIS) is an early event in breast tumorigenesis. *American Association of Cancer Research 2003 Proceedings.*
4. **Lightfoot, HM Jr.**, Hand, RA Cance, WG, Craven, RJ. Human progesterone receptor (Hpr6.6) protein mediates death response in breast cancer cells. *56th Annual Cancer Symposium, Society of Surgical Oncology, 2003*
5. Blackstock, AW, **Lightfoot, H**, Hapke, DM, Kwock, L, Mitchell, BS, Tepper, J 19-Magnetic Resonance Spectroscopy (MRS) Analysis of the Intratumor Pharmacokinetics of Gemcitabine

(dFdC) Following Retroviral Transfer of Deoxycytidine Kinase in the HT-29 Colon Carcinoma Cell Line. *Journal of the Association for Academic Minority Physicians, Vol. 7, Number 4, 1996*

Presentations

Medical Educational Development Graduation Ceremony, University of North Carolina School of Medicine, 2007

- Ceremonial Speaker

Association for Academic Surgery, 2004

- Detection and characterization of hepatic engraftment with embryonic stem (ES) derived cells by fluorescence stereomicroscopy
- Murine Embryonic Stem (ES) cells inhibit human pancreatic carcinoma cell growth *in vitro*

56th Annual Cancer Symposium, Society of Surgical Oncology, 2003

- Human progesterone receptor (Hpr6.6) protein mediates death response in breast cancer cells

Bristol-Myers Squibb/National Medical Fellowship, Annual Research Symposium, 1998

- Gemcitabine and Farnesyl Transferase Inhibitors as radiosensitizers in pancreatic carcinoma.

Wake Area Health Education Center, 1997

- Dream the Dream: What I need to become a Health Professional

UNC at Chapel Hill, School of Medicine Student Research Day, 1997

- Intratumor pharmacokinetics of gemcitabine (dFdC) following retroviral transfer of deoxycytidine kinase: Analysis with Magnetic Resonance Spectroscopy

UNC at Chapel Hill, School of Medicine Community Service Day, 1997

- Carolina Visions Health Careers Summer Camp

Association for Academic Minority Physicians Annual Scientific Meeting, 1996

- Fluorine 19-Magnetic Resonance Spectroscopy (MRS) Analysis of the intratumor pharmacokinetics of gemcitabine (dFdC) following retroviral transfer of deoxycytidine kinase in the HT-29 colon carcinoma cell line

PROFESSIONAL AFFILIATIONS:

Durham Academy of Medicine
Society of Laparoendoscopic Surgeons
Alpha Omega Alpha Honor Medical Society
Kent School Alumni Association
North Carolina Medical Society
Omega Psi Phi Fraternity, Inc.
Outstanding Young Men of America, Inc.
Tufts University Alumni Association
Tufts University Black Alumni Association
University of North Carolina at Chapel Hill Alumni Association

PROFESSIONAL INTERESTS:

Minimally Invasive and Advanced Laparoscopic Surgery, Endocrine Surgery, Inflammatory Bowel Disease, Health Disparities, Medical Education