

Christopher J. Gannon, M.D., F.A.C.S.

Present Title and Affiliation: Surgical Oncologist and Hepatobiliary Surgery
Advanced Surgical Associates of New Jersey
Capital Health Center for Oncology
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Past Positions: Assistant Professor of Surgery,
Director of Liver Tumor Study Group,
Division of Surgical Oncology,
Robert Wood Johnson Medical and
The Cancer Institute of New Jersey
New Brunswick, New Jersey
August 2007-September 2011

Education:

Degree-granting education: Yale University, New Haven, Connecticut
B.S. Degree in Biology, September 1990- May 1994

Columbia University College of Physicians and Surgeons,
New York, New York, Medical Degree, September 1994-
May 1998

Post-graduate education: Resident, General Surgery, University of Maryland Center
Baltimore, Maryland, July 1998- June 2004

Research Fellow
University of Maryland School of Medicine, Baltimore VA
Medical Center, and R. Adams Cowley Shock Trauma
Center, Baltimore, Maryland, July 2000- June 2001
Mentor: Lena Napolitano, M.D., FACS

Fellow, Surgical Oncology, University of Texas
M. D. Anderson Cancer Center, Houston, Texas
July 2004- June 2007

Credentials:

Board Certification: Diplomate of the American Board of Surgery, June 2005

Honors and Awards:

Yale Summer Research Fellowship, Yale Medical School, Recipient 1993

Sir John Templeton Scholar, Zeta Psi Fraternity of North America,
Recipient 1993, 1994

John C. Wood Memorial Scholarship, Columbia College of Physicians &
Surgeons, Recipient 1996, 1997

Clinical Award, Resident Trauma Paper Competition, Local
American College of Surgeons, Committee on Trauma, State of Maryland,
Southeast Region, Recipient 2000

Basic Science Award, Resident Trauma Paper Competition, Local
American College of Surgeons, Committee on Trauma, VA Division,
Recipient 2000

Outstanding Leadership Award, University of Maryland Department of Surgery
Residency Program, Recipient 2004

Lotzova Memorial Research Prize, Department of Surgical Oncology, University
of Texas M. D. Anderson Cancer Center, Recipient 2007

Castle Connolly Top Doctors: New York Metro Area, 14th Edition, 2011

Professional Memberships:

Fellow of the American College of Surgeons, 2010

Maryland MedChi Medical Society, 2001-Present

Association for Academic Surgeons, 2001-Present

Society of Surgical Oncology, 2004-Present

American Society of Clinical Oncology, Associate Member, 2006-present

Grants and Extramural Funding:

Jeannik M. Littlefield-AACR Grant in Metastatic Colon Cancer Research,
Evaluation of Single-Wall Carbon Nanotubes and Gold Nanoparticles as
Targets to Produce Thermal Destruction of Colon Carcinoma Metastasis When
Exposed to Focused External Radiofrequency Energy. Grant Completed 2007.
P.I.: Steven A. Curley, M.D.; Co-P.I.: **Christopher J. Gannon, M.D.**

Publications:

Journal Articles- Refereed

1. Das S, Shraga D, **Gannon C**, Lam TT, Feng S, Brunet LR, Telford SR, Barthold SW, Flavell RA, Fikrig E. Characterization of a 30-kDa *Borrelia burgdorferi* substrate-binding protein homologue. *Research in Microbiology* 1996 Nov-Dec; 147 (9): 739-751.
2. **Gannon CJ**, Engbrecht B, Napolitano LM, Bass BL. Gastric Remnant Carcinoma: Re-evaluation of Screening Endoscopy. *Surgical Endoscopy* 2001 Dec; 15 (12): 1488.
3. **Gannon CJ**, Malone DL, Napolitano LM. Reduction of IL-10 and Nitric Oxide Synthesis by SR31747A (sigma ligand) in RAW Murine Macrophages. *Surgical Infections* 2001; 2(4): 267-273.
4. Dunne J, Malone D, Genuit T, Tracy JK, **Gannon CJ**, Napolitano LM. Perioperative Anemia: An Independent Risk Factor for Infection, Mortality, and Resource Utilization in Surgery. *Journal of Surgical Research* 2002 Feb; 102(3): 237-44.
5. **Gannon CJ**, Malone DL, Royal RE, Schreiber M, Bass BL, Napolitano LM. Advanced Proximal Colon Carcinoma: Paucity of Distal Lesions Validates Screening Colonoscopy. *Surgical Endoscopy* 2002 Mar; 16(3): 446-9.
6. Malone D, Genuit T, Tracy JK, **Gannon CJ**, Napolitano LM. Surgical Site Infections: Re-Analysis of Risk Factors. *Journal of Surgical Research* 2002 Mar; 103(1): 89-95.
7. **Gannon CJ**, Napolitano LM, Pasquale M, McCarter R. A Statewide Population-Based Study of Gender Differences in Trauma: Validation of a Prior Single Institution Study. *Journal of the American College of Surgeons* 2002; 195: 11-18.
8. Dunne JR, **Gannon CJ**, Osborn TM, Taylor MD, Malone DL, Napolitano LM. Preoperative Anemia in Colon Cancer: Assessment of Risk Factors. *American Surgeon* 2002 June; 68(6): 582-7.
9. **Gannon CJ** and Napolitano LM. Severe Anemia after Gastrointestinal Hemorrhage in a Jehovah's Witness: New Treatment Strategies. *Critical Care Medicine* 2002 Aug; 30(8): 1893-5.
10. **Gannon CJ**, Pasquale M, Tracy JK, McCarter RJ, Napolitano LM. Male gender is associated with increased risk for postinjury pneumonia. *Shock* 2004 May; 21(5): 410-4.
11. Cunningham SC, **Gannon CJ**, Napolitano LM. Small-bowel diverticulosis. *American Journal of Surgery*. 2005 Jul; 190(1):37-8.

12. Cherukuri P, **Gannon CJ**, Leeuw TK, Schmidt HK, Smalley RE, Curley SA, Weisman RB. Mammalian pharmacokinetics of carbon nanotubes using intrinsic near-infrared fluorescence. *Proceedings of the National Academy of Sciences*. 2006 Dec 12;103(50):18882-6.
13. **Gannon CJ**, Rousseau DL, Ross MI, Johnson MM, Lee JE, Mansfield PF, Cormier JN, Prieto VG, Gershenwald JE. Lymphatic mapping and sentinel lymph node biopsy after previous wide local excision accurately reflect regional nodal basin status in patients with primary melanoma. *Cancer*. 2006 Dec 1;107(11):2647-52.
14. **Gannon CJ**, Zager JS, Chang GJ, Feig WB, Wood CG, Skibber JM, Rodriguez-Bigas MA. Pelvic Exenteration Affords Safe and Durable Treatment for Locally Advanced Rectal Carcinoma. *Annals of Surgical Oncology*, 2007 Jun; 14(6):1870-7.
15. **Gannon CJ**, Cherukuri P, Yakobson BI, Cognet L, Kittrell C, Weisman RB, Kanzius JS, Smalley RE, Schmidt HK, Curley SA. Non-invasive Radiofrequency Thermal Destruction of Cancer Cells Using Carbon Nanotubes. *Cancer*, 2007 Dec 15;110(12):2654-65.
16. **Gannon CJ**, Mukherjee P, Patra C, Bhattacharya R, Curley SA. Intracellular Gold Nanoparticles Enhance Non-Invasive Radiofrequency Thermal Destruction of Human Gastrointestinal Cancer Cells. *Journal of Nanobiotechnology*, 2008 Jan; 6 (2):1-9.
17. Thomas MB, Tetzlaff E, Lozano R, Samp L, Butler CE, **Gannon CJ**, Hamilton S, Vauthey JN, Abdalla EK. Curing Hepatocellular Carcinomatosis with Biologic Therapy and Surgery: Achieving the Impossible? *Journal of Surgical Oncology* 2008; 97:82-84.
18. **Gannon CJ**, Izzo F, Aloia TA, Pignata S, Nasti G, Vallone P, Orlando R, Scordino F, Curley SA. Can Hepatocellular Cancer Screening Increase the Proportion of Long-Term Survivors? *Hepatogastroenterology*. 2009 Jul-Aug;56(93):1152-6.

Invited Articles

1. **Gannon CJ**, Curley SA. The role of focal liver ablation in the treatment of unresectable primary and secondary malignant liver tumors. *Seminars in Radiation Oncology*. 2005 Oct; 15(4): 265-72.
2. **Gannon CJ**, August DA. Adjuvant chemoradiotherapy for pancreatic ductal adenocarcinoma: Postoperative therapy is not the same as adjuvant therapy. *American Journal of Hematology/Oncology* April 2009.
3. August DA, **Gannon CJ**. Guest Editorial: Neoadjuvant therapy, predictors of response, and patient outcomes. *Journal of Surgical Oncology* 2010 Aug 1; 102(2): 135-40.

Book Chapters:

1. **Gannon CJ**, Curley SA. Hepatocellular Carcinoma: Anatomy and Staging. In: D. P. Kelsen, J. M. Daly, S. E. Kern, B. Levin, J. E. Tepper (eds). Gastrointestinal Oncology: Principles and Practice. 2nd Edition; Lippincott, Williams, & Wilkins, Philadelphia, 2007.

Presentations at National or International Conferences:

1. **Gannon CJ**, Napolitano LM, Pasquale M, McCarter R. A Statewide Population-Based Study of Gender Differences in Trauma: Validation of a Prior Single Institution Study. Presented at American College of Surgeons Surgical Forum, October 25, 2000, Chicago, IL.
2. **Gannon CJ**, Genuit T, Nelms C, Napolitano LM. Bile Inhibits LPS-Induced IL-10 and Nitric Oxide Production in Murine Macrophages. Presented at Southeastern Surgical Congress, February 6, 2001, New Orleans, LA.
3. **Gannon CJ**, Malone DL, Napolitano LM. Reduction of IL-10 and Nitric Oxide Synthesis by SR31747A (sigma ligand) in RAW Murine Macrophages. Presented at Society of University Surgeons Annual Meeting Resident's Session, February 8, 2001, Chicago, IL.
4. **Gannon CJ**, Bochicchio G, Genuit T, McCarter R, Madayag H, Napolitano L. Methicillin Resistant Staphylococcus Aureus: Persistent Increase Despite Infection Control Measures. Presented at Society of Critical Care Medicine 2001 Educational and Scientific Symposium, February 13, 2001, San Francisco, CA.
5. **Gannon CJ**, Engbrecht B, Napolitano LM, Bass BL. Gastric Remnant Carcinoma: Re-evaluation of Screening Endoscopy. Poster presentation at Society of American Gastrointestinal Endoscopic Surgeons Annual Meeting, April 19-21, 2001, St. Louis, MO.
6. **Gannon CJ**, Malone DL, Royal RE, Bass BL, Napolitano LM. Advanced Proximal Colon Carcinoma: Paucity of Distal Lesions Validates Screening Colonoscopy. Presented at Society of American Gastrointestinal Endoscopic Surgeons Annual Meeting, April 20, 2001, St. Louis, MO.
7. **Gannon CJ**, Malone DL, Napolitano LM. Reduction of IL-10 and Nitric Oxide Synthesis by SR31747A (sigma ligand) in RAW Murine Macrophages. Presented at Surgical Infection Society 21st Annual Meeting May 4, 2001, Snowbird, Utah.
8. **Gannon CJ**, Napolitano LM, Pasquale M, Tracy JK, McCarter R. Male Gender Increases Risk of Post-Injury Pneumonia. Presented at the American College of Surgeons Surgical Forum, October 10, 2001, New Orleans, LA.

9. **Gannon CJ**, Rousseau DL, Ross MI, Johnson MM, Lee JE, Mansfield PF, Cormier J, Prieto V, Gershenwald JE. Sentinel Lymph Node Biopsy after Previous Wide Local Excision Accurately Reflects the Status of the Regional Nodal Basin in Patients with Primary Melanoma. Presented at International Sentinel Node Congress, December 3, 2004, Los Angeles, CA.
10. **Gannon CJ**, Zager JS, Chang GJ, Feig BW, Skibber J, Rodriguez-Bigas M. Pelvic Exenteration Affords Safe and Durable Treatment for Locally Advanced Rectal Adenocarcinoma. Presented at 59th Annual Cancer Symposium of the Society of Surgical Oncology, March 24, 2006, San Diego, CA.
11. **Gannon CJ**, Izzo F, Di Giacomo R, Melucci MT, Cremona F, Ferraro A, Mastro AA, Aloia TA, Curley SA. Prospective Screening Increases Detection of Potentially Curable Hepatocellular Cancer: Results from 5670 High-Risk Patients. Presented at the 7th World Congress of the International Hepato-Pancreato-Biliary Association, September 5, 2006, Edinburgh, Scotland.
12. **Gannon CJ**, Izzo F, Pignata S, Nasti G, Abdalla EK, Vallone P, Orlando R, Scordino F, Vauthey JN, Curley SA. Does Prospective Screening for Hepatocellular Cancer Improve Outcome? Results from 5670 Chronic Hepatitis B or C Virus-Infected Patient. Presented at the 5th International Meeting for Hepatocellular Carcinoma: Eastern and Western Experiences, January 12, 2007, Houston, Texas.
13. **Gannon CJ**, Mukherjee P, Curley SA. *In vitro* Gold Nanoparticle Targeting Enhances Non-Invasive Radiofrequency Destruction of Human Hepatocellular Carcinoma. Presented at the 2007 Gastrointestinal Cancers Symposium of American Society of Clinical Oncology, January 20, 2007, Orlando, Florida.
14. Young G, **Gannon CJ**, Dombrovskiy V, Carpizo D, Vogel TR. Complications Following Elective Hepatic Resection for Malignancy: Are they associated with institutional volume? Presented at the 63rd Annual Cancer Symposium of the Society of Surgical Oncology, March 5, 2010, St. Louis, Missouri.
15. Ang B, Yip D, Kierson D, **Gannon CJ**, Davidov T. Occult Retroperitoneal Lymphadenopathy from Metastatic Bladder Carcinoma Resulting in Duodenal Obstruction: Report of Two Cases. Presented at 51st Annual Meeting of Society for Surgery of the Alimentary Tract at Digestive Disease Week May 3rd, 2010, New Orleans, Louisiana.
16. "Emerging Roles of Nanotechnology in Biomedicine: Are Carbon Nanotubes the Future of Nanomedicine?"- International Meeting NanoBioMedicine-Centro Ricerca Oncologica Mercogliano- June 21, 2010, Mercogliano/Naples, Italy

Local Presentations:

1. **Gannon CJ**, Genuit T, Bochicchio G, Napolitano LM, Roghman MC, Sawyer R, Kriener C, Bass BL. Chlorhexidine Decreases the Incidence of Ventilator-Associated Pneumonia (VAP) in Surgical ICU Patients. Presented at Washington Area Critical Care Society Spring Forum, June 8, 2000, Bethesda, MD.
2. **Gannon CJ**, Bochicchio G, Joshi M, Scalea TM. Community Acquired Infections in the Geriatric Trauma Population. Presented at Washington Area Critical Care Society Spring Forum, June 8, 2000, Bethesda, MD.
3. **Gannon CJ**, Genuit T, Buzdon MM, Napolitano LM. Trauma Induces Tissue-Specific Alterations in IL-10 Expression and Exogenous IL-10 Decreases Mortality. Presented at ACS-Committee on Trauma Region XIII (Military) Resident Trauma Competition, August 24, 2000, Bethesda, MD.
4. **Gannon CJ**, Napolitano LM, Pasquale M, McCarter R. A Statewide Population-Based Study of Gender Differences in Trauma: Validation of a Prior Single Institution Study. Presented at ACS-Committee on Trauma Maryland Division Resident Trauma Competition, October 2, 2000, Baltimore, MD.
5. **Gannon CJ**, Genuit T, Nelms C, Napolitano LM. Bile Inhibits LPS-Induced IL-10 and Nitric Oxide Production in Murine Macrophages. Presented at ACS-Committee on Trauma Maryland Division Resident Trauma Competition, October 2, 2000, Baltimore, MD.
6. **Gannon CJ**, Engbrecht B, Napolitano LM. Rectovesical Fistula Repair: Use of Fibrin Sealant and Small Intestine Submucosa in an Irradiated Field. Presented at Surgical Applications of Tissue Sealants, October 21, 2000, Chicago, IL.
7. Malone DL, **Gannon CJ**, Napolitano LM. Novel Applications of Fibrin Sealant in the Surgical ICU Setting. Presented at Surgical Applications of Tissue Sealants, October 22, 2000, Chicago, IL.
8. **Gannon CJ**, Napolitano LM, Pasquale M, McCarter R. A Statewide Population-Based Study of Gender Differences in Trauma: Validation of a Prior Single Institution Study. Presented at ACS-Committee on Trauma Region 3 Competition, December 2, 2000, Shepherdstown, WV.
9. **Gannon CJ**, Engbrecht B, Napolitano LM, Bass BL. Gastric Remnant Carcinoma: Re-evaluation of Screening Endoscopy. Presented at VA Maryland Health Care System Research Day, April 24, 2001, Baltimore, Maryland.
10. **Gannon CJ**, Genuit T, Nelms C, Napolitano LM. Bile Inhibits LPS-Induced IL-10 and Nitric Oxide Production in Murine Macrophages. Presented at VA Maryland Health Care System Research Day, April 24, 2001, Baltimore, Maryland.

11. **Gannon CJ**, Malone DL, Napolitano LM. Reduction of IL-10 and Nitric Oxide Synthesis by SR31747A (sigma ligand) in RAW Murine Macrophages. Presented at Harry L. Sponseller Surgical Forum, University of Maryland Department of Surgery, May 31, 2001, Baltimore, MD.
12. **Gannon CJ**, Genuit T, Nelms C, Napolitano LM. Bile Inhibits LPS-Induced IL-10 and Nitric Oxide Production in Murine Macrophages. Presented at Washington Area Critical Care Society Spring Forum, June 7, 2001, Bethesda, MD.
13. **Gannon CJ**, Bochicchio G, Genuit T, McCarter R, Madayag H, Napolitano L. Methicillin Resistant Staphylococcus Aureus: Persistent Increase Despite Infection Control Measures. Presented at Washington Area Critical Care Society Spring Forum, June 7, 2001, Bethesda, MD.
14. **Gannon CJ**, Zager JS, Chang GJ, Feig BW, Skibber J, Rodriguez-Bigas M. Pelvic Exenteration Affords Safe and Durable Treatment for Locally Advanced Rectal Adenocarcinoma. Presented at Houston Surgical Society, Houston, Texas, April 19, 2006.
15. **Gannon CJ**. Development of Biologically Stable Carbon Nanotubes and Their Application in a Novel Radiofrequency Ablation System. Presented at UT M. D. Anderson Cancer Center Fellows' Research Conference, Houston, Texas, August 6, 2006.
16. **Gannon CJ**. Hepatocellular Carcinoma: Rising Risk in the U.S., Indications for Screening, and Treatment Options. Presented at the Department of Surgical Oncology Grand Rounds, UT M. D. Anderson Cancer Center, Houston, Texas, October 25, 2006.
17. **Gannon CJ**. Impacting Hepatocellular Cancer Outcomes: Screening, Surgical Options, and Nanotherapeutics. Presented at Robert Wood Johnson Medical School Department of Surgery Grand Rounds, New Brunswick, NJ, January 2, 2008.
18. **Gannon CJ**. Techniques and Outcomes for Surgical Management of Colorectal Cancer Liver Metastases. Presented at Robert Wood Johnson Medical School, Cancer Institute of New Jersey, Medical Oncology Fellowship Lecture Series, New Brunswick, NJ, March 18, 2008.
19. **Gannon CJ**. Colorectal Liver Metastasis: Are all patients surgical candidates? Presented at Robert Wood Johnson Medical School, Department of Surgery Grand Rounds, New Brunswick, NJ, March 25, 2009.
20. **Gannon CJ**. Colorectal Liver Metastasis: Are all patients surgical candidates? Presented at Bayshore Community Hospital Grand Rounds,

Interviews and Citations in Mass Media

1. Source for “Cancer Therapy Without Side Effects Nearing Trials”, by Jennifer Laloup, Wired.com; April 13, 2008.
2. “Colon Cancer Awareness Month”-Physician Spot, New Jersey FM 101.5, March 2009.