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CV Presented by Candidate
CURRICULUM VITAE

NAME:

Courtney M. Townsend, Jr., M.D.

**PRESENT POSITION
AND ADDRESS:**

John Woods Harris Distinguished Chairman
Professor
Department of Surgery
The University of Texas Medical Branch
Galveston, Texas 77555

Professor of Physician's Assistant Studies
School of Allied Health Sciences
The University of Texas Medical Branch
Galveston, Texas 77555

Graduate Faculty in the Cell Biology Program
The University of Texas Graduate School of Biomedical Sciences
The University of Texas Medical Branch
Galveston, Texas 77555

EDUCATION:

1961-1965
B.A. degree
The University of Texas
Austin, Texas

1965-1969
M.D. degree
The University of Texas Medical Branch
Galveston, Texas

1969-1970
Internship in Surgery
The University of Texas Medical Branch
Galveston, Texas

1970-1974
Residency in General Surgery
The University of Texas Medical Branch
Galveston, Texas

**PROFESSIONAL
EXPERIENCE:**

1974-1976
Assistant Professor of Surgery
Division of Oncology
University of California
Los Angeles School of Medicine
Los Angeles, California

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1976-1978

Staff Surgeon and Surgical Director
Intensive Care Unit
National Naval Medical Center
Bethesda, Maryland

1978-1981

Associate Professor
Department of Surgery
The University of Texas Medical Branch
Galveston, Texas

1981-1983

Robertson-Poth Associate Professor
Department of Surgery
The University of Texas Medical Branch
Galveston, Texas

1982-1995

Director Surgical Research Laboratory
The University of Texas Medical Branch
Galveston, Texas

1983-1995

Robertson-Poth Professor
Department of Surgery
The University of Texas Medical Branch
Galveston, Texas

1987-1995

Interim Director
UTMB Cancer Center
The University of Texas Medical Branch
Galveston, Texas

1989-present

Professor of Physician's Assistant Studies
School of Allied Health Sciences
The University of Texas Medical Branch
Galveston, Texas

1995-present

John Woods Harris Distinguished Chairman
Professor
Department of Surgery
The University of Texas Medical Branch
Galveston, Texas

2001-present

Graduate Faculty in the Cell Biology Program
The University of Texas Graduate School of Biomedical Sciences

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The University of Texas Medical Branch
Galveston, Texas

MILITARY SERVICE:

1976-1978
U.S. Navy

RESEARCH ACTIVITIES:

American Cancer Society Grant - "Effects of Gastrin on GI Cancer Growth." CB-571, (1983-1993), Principal Investigator.

NIH Grant - "Surgical Studies on Metabolism of Gastrointestinal Hormones." RO1 AM15241 (1986-1994), co-investigator with James C. Thompson, M.D., Department of Surgery, UTMB.

Biomeasure - "Effect of Bombesin Analogues on Cancer Cells," (1990-1994), Principal Investigator.

Walls Research Medical Foundation - "Experimental Studies Related to Protocol Development Using α -difluoromethylornithine DFMO and Other Cancer Drugs," (1984-2000), Principal Investigator.

NIH Grant - "Surgical Research Training in Gastrointestinal Endocrinology." DK07639 (1992-2008), co-investigator.

NIH Grant - "Surgical Studies of GI Peptides - Mechanisms of Action," (1994-2008), Principal Investigator.

NIH Grant - "Studies in Gastrointestinal Endocrinology." PO1 DK35608, (1985-2010), Principal Investigator.

COMMITTEE RESPONSIBILITIES:

Chief of Staff Elect UTMB Hospitals, Feb 1995-Jan 1997
Chief of Staff UTMB Hospitals, Feb 1997-Jan 1999
Executive Committee Faculty of Medicine
Executive Committee of the Medical Staff,
Chairman 1997-1999

Family Healthcare Centers, Chairman of the Board, 1997
FHC Family HealthCare Centers, Inc., Board of Directors
January 1, 2001 – December 31, 2001

Galveston County Medical Society Executive Committee
Honor Education Council
Operating Room Committee

Professional Liability Review Committee, 2000-present
Shriners Burns Research Committee

Shriners Burns Institute Joint Liaison Committee

The University of Texas Medical Branch HealthCare System
501.a Board of Directors, Jan 2000-Dec 2000

University HealthSystem Consortium Group Practice CPT Data
Base Advisory Group, 1998-2000

UTMB Clinical Executive Committee, 1998-2000
Chairman, 1998-1999

UTMB Development Board, ex officio member, 2000-2003
UTMB HealthCare Systems, Inc. Board of Directors
January 1, 2001 – December 31, 2001

TEACHING RESPONSIBILITIES AT UTMB:

Teaching of Surgery Medical Students, Interns and
Residents
Program Director for General Surgery

MEMBERSHIPS IN SOCIETIES AND ORGANIZATIONS:

Alpha Omega Alpha*
American Association for Cancer Research, Inc.
- State Legislative Committee, 1992-1996
American Board of Surgery, Director*
2000-2006
- Vice Chair Elect, 2004-2005
- Vice Chair, 2005-2006
- Chair, 2006-2007
♦ Committee Assignments, 2000-present
Maintenance of Certification
Credentials Committee
Surgical Oncology Advisory Council
American College of Surgeons, Fellow*
- Secretary, 2006-
- Board of Governors
♦ Chairman, 2004-2005
♦ Executive Committee, 2001-2003
♦ Specialty Society Governor for Society for
Surgery of the Alimentary Tract, 1986-1992
- Governors' Committee of Alternate Health
Care Delivery Systems, 1989-1990
- Governors' Committee on Ambulatory Surgical
Care, 1991-1992
- Ambulatory Surgical Care Subcommittee
on Education, 1992
♦ Specialty Society Governor from the Southern
Surgical Association, Oct 1999-Oct 2005
- Governors' Committee on Physician Competency and
Liability, 2001-2003
- Committee for the Forum on Fundamental
Surgical Problems, 1991-1994
- Commission on Cancer, Committee on Approvals
1989-1994
- Commission on Cancer, National Cancer Data Committee,
1994-1998
- Commission on Cancer, National Cancer Data Base
Governing Board, 1989-1995
- Committee on Papers, 2000-2003
- Committee on Special Issues, 1991-1994
- Member Services Liaison Committee, 2003-2004
- Nominating Committee of the Fellows, 2000-2002
- Southern Texas District #1 Committee on

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- Applicants, 1996-1999
- Surgical Research and Education Committee, 1994-present
 - ♦ Vice Chair of the Surgical Research and Education Committee, 1996-1998
 - ♦ Chair of the Surgical Research and Education Committee, 1998-2000
- Surgical Research Committee Consultant Member, 2002-2008
- Web Portal Member at-Large, 2005-
- American College of Surgeons, South Texas Chapter
- Secretary-Treasurer, 1983-1986
- Second Vice President, 1986-1987
- First Vice President, 1987-1988
- President, 1988-1989
- American Gastrointestinal Association*
- American Medical Association
- Residency Review Committee for Surgery, 1994-1999
- American Pancreatic Association
- Councillor, 1988-1991
- President-Elect, 1991-1992
- President, 1992-1993
- American Physiological Society*
- American Society of Clinical Oncology*
- American Surgical Association*
- Program Committee, 1987-1990
- Elected Director, American Board of Surgery, 2000-2006
- Association of Women Surgeons
- Collegium Internationale Chirurgiae Digestivae
- Board of Trustees, 1992
- Cosmos Club*
- Endocrine Society*
- Galveston County Medical Society
- Gastroenterology Research Group*
- Halsted Society*
- International Association of Pancreatology
- International Surgical Group
- James IV Association of Surgeons, Inc.*
- Board of Directors, 1999-2002
- Legislative Task Force on Cancer in Texas
- National Cancer Institute Cancer Research Manpower Review Committee - 1994
- National Cancer Institute Surgical Oncology Research Development Subcommittee (SORDS) of the Division of Cancer Treatment, 1985-1988
- National Institutes of Health Arthritis, Diabetes, and Digestive and Kidney Diseases Special Grants Review Committee - Subcommittee C (ADDK-C), 1985-1988
- National Institutes of Health Consensus Development Conference on Ovarian Cancer: Screening, Treatment, and Followup, 1994
- National Institutes of Health Reviewers Reserve (NRR) - July 1, 1988 - June 30, 1992

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National Institutes of Health Surgery and
Bioengineering Study Section, Division of Research
Grants, July 1, 1992-June 30, 1996

Pancreas Club

Singleton Surgical Society*

- Secretary-Treasurer, 1982-1986

- President-Elect, 1986-1987

- President, 1987-1988

Societe Internationale de Chirurgie (SIC)/

International Society of Surgery (ISS)*

Society for Surgery of the Alimentary Tract

Society of Surgical Chairmen

Society of Surgical Oncology, Inc.*

- Executive Council, 1994

- Program Committee, 1988-1990

- Membership Committee, 1991-1992

- Committee on Issues, 1991-1995

- Committee on Issues, Chairman, 1993-1995

- Corporate Relations Committee (Ad Hoc),
1991-1992

Society of Sigma Xi*

Society of University Surgeons*

- Committee on Social and Legislative Issues
1984-1987

Southern Surgical Association*

Secretary, 1998-2003

President, 2004

Southwest Oncology Group

Southwestern Surgical Congress, Fellow

Steering Committee for a Statewide Oncology

Education Program

Surgical Biology Club I*

Secretary, 1995-1997

Texas Cancer Council, 1992-2010

Texas Medical Association

Texas Surgical Society*

- Council member, 1997-1999

William Temple Foundation - Board of Trustees

*Denotes elected membership

BOARD CERTIFICATION:

American Board of Surgery, June 1975

Recertification Examination in General Surgery, August 17, 2000

LICENSURE INFORMATION:

Texas State Board of Medical Examiners

HONORS:

Mu Delta Outstanding Junior Student, 1968

Alpha Omega Alpha, 1969

Singleton Surgical Award, 1969

Robertson-Poth Professorship in Surgery, 1981

NIH Research Career Development Award,
CA00854, 1982-1987, "Surgical Studies on GI
Hormone Effects on Tumor Growth"

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Ashbel Smith Distinguished Alumnus, The University of Texas Medical Branch, 1986
James IV Surgical Traveller for 1986
Honorary Membership in the Surgical Research Society of Australasia, 1987
Texas Cancer Council 1990 Award for Physician Achievement in Cancer Control
John Woods Harris Distinguished Chair, 1995
Honorary Membership in the Society of Black Academic Surgeons, 2003

Honorary Membership in the Association of Women Surgeons, 2004

FELLOWSHIPS:

McLaughlin Fellow, Spring 1967
McLaughlin Fellow, Spring-Summer 1968
Jeanne B. Kempner Fellow, 1972-1973
American Cancer Society Clinical Fellow, 1973-1974
NIH Postdoctoral Fellow, 1975-1976

EDITOR-IN-CHIEF

Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice, 16th & 17th Editions, 2000-present

EDITOR:

Surgical Oncology, 1992-1999

ASSOCIATE EDITOR:

Pancreas

EDITORIAL BOARD:

Surgery

EDITORIAL CONSULTANT:

American Journal of Physiology
American Journal of Surgery
Gastroenterology
New England Journal of Medicine
Regulatory Peptides

INTERNATIONAL ADVISORY BOARD:

Journal of Gastroenterology
January 1996- December 1997

BIBLIOGRAPHY

1. Starzl TE, Brettschneider L, Penny I, Schmidt RW, Bell P, Kashiwagi N, Townsend CM Jr, Putnam CW. A trial with heterologous anti-lymphocyte globulin in man. *Transplantation Proc* 1:448-454, 1969.
2. Townsend CM Jr, Vyvial TM, Wood AJ, Remmers AR Jr, Sarles HE, Canales CO, Beathard GA, Fish JC, Muniz F, Levin WC, Ritzmann SE. Anti-human lymphocyte globulin. Simplified production procedure for human use. Preliminary report. *Texas Rep Biol Med* 27:497-504, 1969.
3. Townsend CM Jr, Fish JC, Vyvial TM, Kiamar MS, Ritzmann SE. Lymphocyte kinetics during depletion by thoracic duct drainage in calves. *Transplantation* 10:284-289, 1970.
4. Kashiwagi N, Sherer D, Townsend CM Jr, Jacobs R, Keiji O, Brij K, Starzl TE. Antibody localization in horse, rabbit, and goat antilymphocyte sera. *Surgery* 67:789-798, 1970.
5. McNeel L, Townsend CM Jr, Fish JC. Effect of chronic thoracic duct fistula on albumin kinetics in man. *Surgical Forum* 23:81-83, 1972.
6. Townsend CM Jr, Saki H, Ritzmann SE, Fish JC. Lymphocyte reactivity in patients with regional enteritis. *Surgical Forum* 23:394-396, 1972.
7. Townsend CM Jr, Remmers AR Jr, Sarles HE, Fish JC. Brief recordings: Intestinal obstruction from medication bezoar in patients with renal failure. *N Engl J Med* 288:1058-1059, 1973.
8. Cotton JR, Sarles HE, Remmers AR Jr, Lindley JD, Beathard GA, Cotton DL, Fish JC, Townsend CM Jr, Ritzmann SE. The appearance of reticulum cell sarcoma at the site of antilymphocyte globulin injection. *Transplantation* 16:154-157, 1973.
9. McNeel LA, Townsend CM Jr, Fish JC. Albumin kinetics in patients with chronic thoracic duct fistulas. *Surgery* 74:344-347, 1973.
10. Ritzmann SE, Vyvial TM, Daniels JC, Townsend CM Jr, Beathard GA. Transplantation immunology. Concepts and Clinical Laboratory Methods in Immunopathology. Nakamura and Cawley (Eds), Little, Brown and Company. Boston, 1973.
11. Ritzmann SE, Townsend CM Jr, Daniels JC, Beathard GA. Histocompatibility assays. Workshop Manual, American Society of Clinical Pathologists, 1973, pp 101-203.
12. McGehee RN, Townsend CM Jr, Thompson JC, Fish JC. Traumatic hemobilia. *Ann Surg* 179:311-315, 1974.
13. Eilber FR, Townsend CM Jr, Morton DL. Osteosarcoma: Results of treatment employing adjuvant immunotherapy. *Clin Orthop* 3:94-100, 1975.
14. Boddie AW, Urist MM, Townsend CM Jr, Holmes EC, Morton DL. Cellular immunity to tumor associated antigen in sarcoma patients and their relatives. *Surgical Forum* 26:154-155, 1975.
15. Townsend CM Jr, Eilber FR, Morton DL. Skeletal and soft tissue sarcomas: Results of treatment with adjuvant immunotherapy. *JAMA* 236:2187-2189, 1976.

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16. Eilber FR, Townsend CM Jr, Morton DL. Results of BCG adjuvant immunotherapy for melanoma of the head and neck. *Am J Surg* 132:476-479, 1976.
17. Isacoff WH, Townsend CM Jr, Eilber FR, Forster T, Morton DL, Block JB. High dose methotrexate therapy of solid tumors: Observations relating to clinical toxicity. *Med Pediatr Oncol* 2:319-325, 1976.
18. Morton DL, Eilber FR, Townsend CM Jr, Grant T, Mirra JM, Weisenburger T. Limb salvage by a multidisciplinary approach for skeletal and soft tissue sarcomas. *Ann Surg* 184:268-278, 1976.
19. Townsend CM Jr, Eilber FR, Chee DO, Morton DL. Role of polymorphonuclear leukocytes in host-defense mechanisms against cancer. *Surgical Forum* 27:119-120, 1976.
20. Richmond RE, Townsend CM Jr, Morton DL. A new in vitro assay of human lymphocyte mediated immunity to melanoma. *Surgery* 81:345-350, 1977.
21. Eilber FR, Townsend CM Jr, Weisenburger TH, Mirra JM, Morton DL. Preoperative intra-arterial adriamycin in radiation therapy for extremity soft tissue sarcomas: A clinicopathologic study. Management of Primary Bone and Soft Tissue Tumors. Year Book Medical Publishers, Chicago, 1977, pp 411-422.
22. Urist MM, Boddie AW, Townsend CM Jr, Holmes EC. In vitro evidence for increased cellular immunity to lung cancer antigen during levamisole immunotherapy. *J Thorac Cardiovasc Surg* 73:189-194, 1977.
23. Morton DL, Eilber FR, Weisenburger TH, Townsend CM Jr, Mirra JM. Limb salvage using preoperative intra-arterial adriamycin and radiation therapy for extremity soft tissue sarcomas. *Aust NZJ Surg* 48:56-59, 1978.
24. Eilber FR, Townsend CM Jr, Morton DL. Adjuvant immunotherapy of osteosarcoma with BCG and allogeneic tumor cells. Immunotherapy of Cancer: Present Status of Trials in Man. WD Terry, D Windhorst (Eds). Raven Press, New York, 1978, pp 299-303.
25. Chee DO, Townsend CM Jr, Galbraith MA, Eilber FR, Morton DL. Selective reduction of human tumor cell populations by human granulocytes in vitro. *Cancer Res* 38:4534-4539, 1978.
26. Austin RM, Mack GR, Townsend CM Jr, Lack EE. Infiltrating (intramuscular) lipomas and angioliipomas. *Arch Surg* 115:281-284, 1980.
27. Townsend CM Jr. Breast lumps. *Clinical Symposia* 32(2):1-32, 1980.
28. Suddith RL, Townsend CM Jr, Thompson JC. Detection of monoclonal antibodies against synthetic human gastrin and pentagastrin by an indirect enzyme-linked immunosorbent assay (ELISA). *Surgical Forum* 31:185-186, 1980.
29. Townsend CM Jr, Franklin RB, Suddith RL, Thompson JC. Pancreatic ductal adenocarcinoma in continuous culture. *Surgical Forum* 31:431-432, 1980.
30. Fish JC, Sarles HE, Remmers AR Jr, Townsend CM Jr, Bell JD, Flye MW. Renal transplantation after thoracic duct drainage. *Transplant Proc* 13:533-536, 1981.

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31. Townsend CM Jr. Surgical adjuvant therapy of soft tissue sarcomas. *Surg Clin N Amer* 61:1405-1413, 1981.
32. Townsend CM Jr, Franklin RB, Watson LC, Glass EJ, Thompson JC. Stimulation of pancreatic cancer growth by caerulein and secretin. *Surgical Forum* 32:228-229, 1981.
33. Fish JC, Sarles HE, Remmers AR Jr, Townsend CM Jr, Bell JD, Flye MW. Renal transplantation after thoracic duct drainage. *Ann Surg* 193:752-756, 1981.
34. Nelson PW, Townsend CM Jr, Eakin DE, Costanzi JJ. Is staging laparotomy for Hodgkin's disease still justified? *Am J Surg* 143:288-292, 1982.
35. Townsend CM Jr, Franklin RB, Gelder FB, Glass EJ, Thompson JC. Development of a transplantable model of pancreatic duct adenocarcinoma. *Surgery* 92:72-78, 1982.
36. Barranco SC, Townsend CM Jr, Costanzi JJ, May JT, Baltz R, O'Quinn AG, Leipzig B, Hokanson KM, Guseman LF, Boerwinkle WR. The use of 1,2:5,6-dianhydrogalactitol in studies on cell kinetics-directed chemotherapy schedules in human tumors in vivo. *Cancer Res* 42:2899-2905, 1982.
37. Mayschak DT, Glass E, Kacy S, Boerwinkle W, Barranco S, Flye MW, Townsend CM Jr. Inhibition of growth of hamster pancreatic ductal adenocarcinoma cells in vitro by PGE₂ and 16,16-dimethyl PGE₂ - A Preliminary Report. *Prostaglandins and Cancer: First International Conference. Prostaglandins and Related Lipids*. Vol 2, TJ Powles, RS Bockman, KV Honn, R Ramwell (Eds), Alan R Liss, Inc., New York, 1982, pp 385-389.
38. Townsend CM Jr, Lewis BG, Gourley WK, Thompson JC. Gastrinoma. *Current Problems in Cancer* 7(4):1-33, 1982.
39. Ogden WD, Fried GM, Sakamoto T, Townsend CM Jr, Greeley G, Thompson JC. Distribution of cholecystokinin in the alimentary tract of dogs. *Surgical Forum* 33:132-134, 1982.
40. Winsett OE, Townsend CM Jr, Glass EJ, Rae-Venter B, Thompson JC. Gastrin stimulates growth of colon cancer. *Surgical Forum* 33:384-386, 1982.
41. Kacy SS, Glass EJ, Mayschak DT, Boerwinkle W, Howell K, Barranco S, Flye MW, Thompson JC, Townsend CM Jr. Prostaglandins alter cell cycle kinetics of H2T pancreatic duct adenocarcinoma. *Surgical Forum* 33:434-437, 1982.
42. Lewis BG, Townsend CM Jr, Thompson JC. Experiences in the surgical treatment of the Zollinger-Ellison Syndrome. *Gut Peptides and Ulcer*. A Miyoshi (Ed), Biomedical Research Foundation, Tokyo, 1983 (printed), 1981 (copyright), pp 233-237.
43. Thompson JC, Lewis BG, Wiener I, Townsend CM Jr. The role of surgery in the Zollinger-Ellison Syndrome. *Ann Surg* 197:594-607, 1983.
44. Barranco SC, Townsend CM Jr, Casartelli C, Macik BG, Burger NL, Boerwinkle WR, Gourley WK. Establishment and characterization of an in vitro model system for human adenocarcinoma of the stomach. *Cancer Res* 43:1703-1709, 1983.

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45. Barranco SC, Townsend CM Jr, Quraishi MA, Burger NL, Nevill HC, Howell KH, Boerwinkle WR. Heterogenous responses of an in vitro model of human stomach cancer to anticancer drugs. *Investigational New Drugs* 1:103-113, 1983.
46. Swierczek J, Sakamoto T, Perez-Polo JR, Townsend CM Jr, Thompson JC. Nerve growth factor is cytoprotective for bile salt-induced gastric mucosal damage. *Surgical Forum* 34:162-164, 1983.
47. Lewis BG, Townsend CM Jr, Greeley GH, Thompson JC. Effect of antrectomy on gastrin, CCK, and PP release. *Surgical Forum* 34:166-168, 1983.
48. Newman J, Townsend CM Jr, Greeley GH Jr, Thompson JC. Neurotensin: Effect on pancreatic secretion and release of gastrin, pancreatic polypeptide and CCK-33 in dogs. *Surgical Forum* 34:213-216, 1983.
49. Marx M, Glass EJ, Townsend CM Jr, Barranco SC, Thompson JC. Treatment of colon cancer by α -difluoromethylornithine, an inhibitor of polyamine biosynthesis. *Surgical Forum* 34:439-440, 1983.
50. Barranco SC, Townsend CM Jr, Costanzi JJ, Guseman LF. In vivo synchronization and cell kinetics-directed treatment scheduled in human tumor therapy. 13th International Cancer Congress, Part C, Biology of Cancer (2), Alan R Liss, Inc, New York, 1983, pp 163-170.
51. Fish JC, Flye MW, Williams A, Townsend CM Jr, Rajaraman S, Hokanson JA, Sarles HE, Bell JD, Remmers AR Jr. Inability of thoracic duct drainage to prevent hyperacute rejection. *Transplantation* 36:134-139, 1983.
52. Sakamoto T, Newman J, Fujimura M, Greeley GH Jr, Townsend CM Jr, Thompson JC. Role of neurotensin in pancreatic secretion. *Surgery* 96:146-153, 1984.
53. Townsend CM Jr, Thompson JC. Stress ulceration. Principles of Trauma Surgery. GT Shires (Ed), McGraw-Hill, New York, 1984, pp 548-556.
54. Fujimura M, Sakamoto T, Khalil T, Greeley GH Jr, Townsend CM Jr, Thompson JC. Physiological role of neurotensin in gallbladder contraction in the dog. *Surgical Forum* 35:192-194, 1984.
55. Wiener I, Walker JP, Greeley GH Jr, Townsend CM Jr, Thompson JC. Increased release of cholecystokinin with intraduodenal fat after cholecystectomy in dogs. *Surgical Forum* 35:196-198, 1984.
56. Singh P, Townsend CM Jr, Walker JP, Thompson JC. Gastrin receptors in a mouse colon cancer cell line responsive to trophic effects of gastrin. *Surgical Forum* 35:205-206, 1984.
57. Marx M, Seitz P, Townsend CM Jr, Cooper CW, Greeley GH Jr, Thompson JC. Effects of bombesin and somatostatin on secretion of neurotensin by medullary thyroid carcinoma. *Surgical Forum* 35:207-208, 1984.
58. Khalil T, Fujimura M, Townsend CM Jr, Greeley GH Jr, Thompson JC. Effect of aging on pancreatic secretion in rats. *Am J Surg* 149:120-125, 1985.
59. Doyle H, Greeley GH Jr, Mate L, Sakamoto T, Townsend CM Jr, Thompson JC. Neurotensin distribution in the canine gastrointestinal tract. *Surgery* 97:337-341, 1985.

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60. Townsend CM Jr, Thompson JC. Surgical management of tumors that produce gastrointestinal hormones. *Ann Rev Med* 36:111-124, 1985.
61. Townsend CM Jr, Abston S, Fish JC. Surgical adjuvant treatment of locally advanced breast cancer. *Ann Surg* 201:604-610, 1985.
62. Walker JP, Khalil T, Wiener I, Fagan CJ, Townsend CM Jr, Greeley GH Jr, Thompson JC. The role of neurotensin in gallbladder motility in humans. *Ann Surg* 201:678-683, 1985.
63. Winsett OE, Townsend CM Jr, Thompson JC. Rapid and repeated blood sampling in the conscious laboratory rat: A new technique. *Am J Physiol* 249 (Gastrointest Liver Physiol 12):G145-G146, 1985.
64. Walker JP, Fujimura M, Sakamoto T, Greeley GH Jr, Townsend CM Jr, Thompson JC. Importance of the ileum in neurotensin released by fat. *Surgery* 98:224-229, 1985.
65. Khalil T, Walker JP, Wiener I, Fagan CJ, Townsend CM Jr, Greeley GH Jr, Thompson JC. Effect of aging on gallbladder contraction and release of cholecystokinin-33 in humans. *Surgery* 98:423-429, 1985.
66. Beauchamp RD, Townsend CM Jr, Singh P, Glass EJ, Thompson JC. Proglumide, a gastrin receptor antagonist, inhibits growth of colon cancer and enhances survival in mice. *Ann Surg* 202:303-309, 1985.
67. Nealon WH, Beauchamp RD, Townsend CM Jr, Thompson JC. The comparative potencies of CGRP and calcitonin in the regulation of canine pancreatic exocrine function. *Surgical Forum* 36:142-144, 1985.
68. Beauchamp RD, Nealon WH, Townsend CM Jr, Thompson JC. Cholecystokinin-stimulated pancreatic secretion is inhibited by proglumide. *Surgical Forum* 36:177-180, 1985.
69. Singh P, Rae-Venter B, Townsend CM Jr, Khalil T, Thompson JC. Gastrin receptors in normal and malignant gastrointestinal mucosa: Age-associated changes. *Am J Physiol* 249:G761-G769, 1985.
70. Barranco SC, Townsend CM Jr. Loss in cell killing effectiveness of anticancer drugs in human gastric cancer clones due to recovery from potentially lethal damage in vitro. *Cancer Research* 46:623-628, 1986.
71. Guice KS, Miller DE, Oldham KT, Townsend CM Jr, Thompson JC. Superoxide dismutase and catalase: A possible role in established pancreatitis. *Am J Surgery* 151:163-169, 1986.
72. Winsett OE, Townsend CM Jr, Glass EJ, Thompson JC. Gastrin stimulates growth of colon cancer. *Surgery* 99:302-307, 1986.
73. Singh P, Walker JP, Townsend CM Jr, Thompson JC. Role of gastrin and gastrin receptors on the growth of a transplantable mouse colon carcinoma (MC-26), in Balb/c mice. *Cancer Research* 46:1612-1616, 1986.
74. Gomez G, Lluís F, Guo Y-S, Greeley GH Jr, Townsend CM Jr, Thompson JC. Bile inhibits release of cholecystokinin and neurotensin. *Surgery* 100:363-368, 1986.

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75. Nealon WH, Beauchamp RD, Townsend CM Jr, Boyd G, Shabot M, Thompson JC. Diagnostic role of gastrointestinal hormones in patients with chronic pancreatitis. *Ann Surg* 204:430-437, 1986.
76. Townsend CM Jr, Thompson JC. Gastrinoma. *Surg Clin NA* 66:695-712, 1986.
77. Townsend CM Jr, Singh P, Thompson JC. Gastrointestinal hormones and gastrointestinal and pancreatic carcinomas. *Gastroenterology* 91:1002-1006, 1986.
78. Singh P, Townsend CM Jr, Thompson JC. Presence of estradiol-binding proteins in gastrointestinal tract of male rats. *Endocrinology* 119:1648-1653, 1986.
79. Stuart CA, Prince MJ, Peters EJ, Smith FE, Townsend CM Jr, Poffenbarger PL. Insulin receptor proliferation: A mechanism for tumor-associated hypoglycemia. *J Clin Endocrinol Metab* 63:879-885, 1986.
80. Khalil T, Fujimura M, Greeley GH Jr, Townsend CM Jr, Thompson JC. Neurotensin stimulates pancreatic exocrine secretion in rats. *Regul Pept* 15:279-284, 1986.
81. Saydjari R, Townsend CM Jr, Barranco SC, Glass EJ, Thompson JC. Effects of cyclosporin A and α -difluoromethylornithine on the growth of hamster pancreatic cancer in vitro. *J Natl Cancer Instit* 77:1087-1092, 1986.
82. Jenkins VK, Barranco SC, Townsend CM Jr, Perry RR, Ives KL. Differential response to gamma radiation of human stomach cancer cells in vitro. *Internatl J Radia Biol* 50:269-278, 1986.
83. Barranco SC, Ford PJ, Townsend CM Jr. Heterogeneous survival responses of human gastric cancer clones to α -difluoromethylornithine in vitro. *Invest New Drugs* 4:337-345, 1986.
84. Barranco SC, Ford PJ, Townsend CM Jr. Cell cycle kinetics responses of human stomach cancer cells to reduction in polyamine levels by treatment with α -difluoromethylornithine in vitro. *Invest New Drugs* 4:347-357, 1986.
85. Thompson JC, Greeley GH Jr, Rayford PL, Townsend CM Jr, (Eds). Gastrointestinal Endocrinology. McGraw Hill Book Co., New York, 1987.
86. Townsend CM Jr and others. Surgical techniques. Gastrointestinal Endocrinology. Thompson JC, Greeley GH Jr, Rayford PL, Townsend CM Jr, (Eds). McGraw Hill Book Co., New York, 1987, pp 49-68.
87. Walker JP, Beauchamp RD, Townsend CM Jr. Regulation of growth of gut and pancreas. Gastrointestinal Endocrinology. Thompson JC, Greeley GH Jr, Rayford PL, Townsend CM Jr, (Eds). McGraw Hill Book Co., New York, 1987, pp 136-146.
88. Townsend CM Jr, Singh P, Thompson JC. Possible role of gut hormones in cancer. Gastrointestinal Endocrinology. Thompson JC, Greeley GH Jr, Rayford PL, Townsend CM Jr, (Eds). McGraw Hill Book Co., New York, 1987, pp 178-183.
89. Newman JB, Lluís F, Townsend CM Jr. Somatostatin. Gastrointestinal Endocrinology. Thompson JC, Greeley GH Jr, Rayford PL, Townsend CM Jr, (Eds). McGraw Hill Book Co., New York, 1987, pp 286-299.

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90. Beauchamp RD, Townsend CM Jr. Neurotensin. Gastrointestinal Endocrinology. Thompson JC, Greeley GH Jr, Rayford PL, Townsend CM Jr, (Eds). McGraw Hill Book Co., New York, 1987, pp 300-310.
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