

Curriculum Vitae for  
***James Glenn Norman, M.D., FACS, FACE***  
Norman Parathyroid Clinic  
2400 Cypress Glen Drive  
Wesley Chapel (Tampa), FL 33544  
Phone: 813.972.0000  
Fax: 813.972.0077

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College: University of Central Florida B.S. Microbiology/Immunology 1982

Medical School: Oral Roberts University School of Medicine, Tulsa, Oklahoma, 1986  
Junior and Senior Class President, Graduated with Highest Honors,  
Alpha Omega Alpha Honor Society

Residency: General Surgery; University of South Florida, 1986 - 1991  
Research / Endocrinology Fellowship, USF 1991 - 1992

**Highest Ranked Academic Position:**

**University of South Florida** (Tampa, Florida)  
Professor of Surgery (with tenure)  
Professor of Internal Medicine  
Director of Endocrine Surgery  
Director Pancreas Study Group  
[USF Faculty 1991-2000]

**Current Position:**

**Norman Parathyroid Center**  
[www.parathyroid.com](http://www.parathyroid.com)

**HOSPITAL PRIVILEGES**

1991-Current	Tampa General Hospital Tampa, Florida
2005-Current	University Community Hospital Tampa, Florida
1991-2001	H. Lee Moffitt Cancer Center Tampa, Florida
1991-2001	J.A. Haley Veterans Hospital Tampa, Florida

**LICENSURE**

1989	Florida State Medical License ML 0058735 Expiration 1-31-13	<a href="#">click to verify</a> ...need to enter Norman, James
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**CERTIFICATION**

1992	Board Certified, American Board of Surgery Certificate # 3776 Re-Certified, January 2003.
1995	Fellow American College of Surgeons
2004	Fellow American College of Endocrinology

## HONORS

- 1982            Omicron Delta Kappa  
1985            Junior Class Honors Marshal  
1986            Alpha Omega Alpha (Medical Honor Society)  
1991            Scored 99+ percentile on Surgical Board Exam  
1996            Youngest medical faculty to achieve rank of full tenured professor in the Florida state university system (age 37)  
Nominated as “surgical faculty of the year” 1991 – 1999, winning 1996, 1997.

## PROFESSIONAL SOCIETIES

- 1991---        American College of Surgeons  
                  Regent’s Committee on Informatics (1998 - 2000)  
                  Member: Web Page Committee (1997 - 1999)  
                  Member: Committee on Trauma (1998 – 2000)  
1992---        Association for Academic Surgery  
                  Program Committee (1996-1998)  
                  Local Arrangements Chairman, 1999  
1992---        Association for V.A. Surgeons  
                  Member: Committee on Trauma (1997-1999)  
1992---        Southeastern Surgical Congress  
1992---        International Society for Interferon and Cytokine Research  
1992---        American College of Surgeons, Florida Chapter  
1993---        Pancreas Club  
                  Local Arrangements Chairman 1999  
1993---        Florida Surgical Society  
1994---        H. Lee Moffitt Cancer and Research Institute  
1994---        Hillsborough County Medical Society  
1996---        Tampa Bay Surgical Society  
1994---        Society for Laparoendoscopic Surgery  
1994---        Society of American Gastrointestinal Endoscopic Surgeons  
1995---        Society for Surgery of the Alimentary Tract  
                  Local Arrangements Chairman 1999  
1994---        American Association of Endocrine Surgeons  
1995---        American Pancreatic Association  
1998---        International Society of Pancreatology  
1996---        Society for University Surgeons  
                  Committee on Education (1997-2000)  
                  Committee on Web Page Development  
1997---        American Gastroenterology Association  
1996---        American Association for Clinical Endocrinologists

## AWARDS

- 1986            Deans Award--Most Outstanding Student  
                  O.R.U. School of Medicine  
1988            Conrad Jobst Foundation Award  
                  Outstanding Research by a Resident  
1989            Gold Medal Paper, 1st place winner  
                  Southeastern Surgical Society

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1992	Gold Medal Paper, 2 <sup>nd</sup> place winner Southeastern Surgical Society
1994	First place, VA Surgeon's resident competition (mentor)
1994	First place, Florida Surgical Society resident competition (mentor)
1995	First place, VA Surgeon's resident competition (mentor)
1996	Gold Medal Paper, 1 <sup>st</sup> place winner Southeastern Surgical Society (mentor)
1996	First place, Assoc. Academic Surgeons resident competition (mentor)
1997	Frank Glenn traveling Fellowship--Int. Hepatopancreaticobiliary association (mentor)
1997	First place, Florida Surgical Society resident competition (mentor)
1997	First place, Society of University Surgeons resident competition (mentor)
1997	First place, American Gastroenterology Association resident competition (mentor)
1997	Life-Link Creative Scholarship Winner (mentor)
1997	First place, VA Surgeon's resident competition (mentor)
1997	First place, Society of Surgery of the Alimentary Tract resident competition (mentor)
1998	Gold Medal Paper, 1 <sup>st</sup> place winner Southeastern Surgical Society (mentor)
1998	Frank Glenn Traveling Fellowship--International Hepatopancreaticobiliary Association (mentor)
1999	Young Investigator Award 1999 America's Hepato-Pancreato-Biliary Congress (mentor)
2000--	22 additional awards have been earned by the surgical residents and fellows working under my direct mentorship. ( <i>Not listed</i> ).
2007	Best Paper Award. American Urologic Association Annual meeting
2008	Best Paper Award. American Medical Student Association (mentor).
2009	Best Paper Award. Florida Medical Association (mentor).
1993-1994	<b>Teacher of the Year</b> USF School of Medicine (nominated 5 consecutive years)
1996-1997	<b>Faculty of the Year</b> USF Department of Surgery

## EXTRACURRICULAR ACTIVITIES

1977-current: Sports Car Club of America (SCCA) (Amateur auto racing). Race multiple different cars (Lotus, Porsche, Mazda among many others). Currently race in the ALMS/IMSA Patron Porsche GT3 Cup Challenge. Previously: Skip Barber race series, racing open-wheel formula cars on race tracks throughout the US. 2009 and 2010 Masters National Champion. Have raced at most tracks in the US, and even the Nurburgring in Germany.

1994-current. Experimental Aircraft Association: Building and flying experimental airplanes. Built an aerobatic RV-6 which has won many awards, including "Best Low Wing Airplane" at 2003 Sun-n-Fun; Grand Champion at Southwest Fly In, San Antonio, TX; Reserve Grand Champion at Oshkosh 2003; EAA Centennial Homebuilt of the Month, 6/03; etc,

## PEER REVIEW BOARDS

### Reviewer for National Granting Agencies:

National Institutes of Health  
VA Merit Review

### Journal Review (participated on the board, or have regularly served as expert reviewer):

Thyroid	American Journal of Surgery
Endocrine Practice	Annals of Surgery
Surgery	Archives of Surgery
Journal of the American College of Surgeons	Journal of Clinical Endocrinology.
Journal of Surgical Research	

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### Online Activities / Commercial Interests

HealthLine, Inc. Founder and Advisory Board Member [www.healthline.com](http://www.healthline.com).

This is one of the largest healthcare websites and software companies in the world with over 250 million visitors per year.

EndocrineWeb, Inc. Founder and senior editor. This is the largest endocrinology website with over 150 million visitors per year. [www.endocrineweb.com](http://www.endocrineweb.com).

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## BIBLIOGRAPHY

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- 2) **Norman J**, Cox C, Wells K, Reintgen D. A Myocutaneous Flap for Closure of Upper Arm Amputations for Uncontrolled Axillary Tumors. *Journal of Surgical Oncology* 42:239-42, 1991.
- 3) **Norman J**, Cruse W, Epinosa C, Cox C, Berman C, Clark R, Saba H, Wells K, Reintgen D. Redefinition of Cutaneous Lymphatic Drainage with the use of Lymphoscintigraphy for Malignant Melanoma. *American Journal of Surgery* 162:432-437,1991.
- 4) **Norman J**, Wells K, Cruse W, Saba H, Reintgen D. Metastatic Melanoma of Unknown Primary. *Annals of Plastic Surgery* 28:81-84, 1992.
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- 29) **Norman J**, Sutton ET, Franz M, Baker CH. Maintenance of Dynamic Microvascular Function and Structure in a Rat Model of Endotoxic Shock by Blockade of the Interleukin-1 Receptor. *Shock*. 1995;3:369-375.
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## LETTERS TO THE EDITOR

1. Franz M, **Norman J.** Complicated appendicitis in the elderly population. *Annals of Surgery*, 1996;223:105-106
2. Denham W, **Norman J.** Why sepsis trials fail. *JAMA* 1996;276:1723-1724.
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6. **Norman J.** Politz D. Relationship between hypercalcemia and shingles quite clear in outpatient setting. *Clinical Infectious Disease* 2008.
7. **Norman J.** Current Thinking in Parathyroid Surgery: Let's stop worrying about the scan and get these people cured! *Ann Surg Oncol*. 2011 [invited guest editorial]



## **INVITED COMMENTARIES In Major Medical Journals** [many local and/or smaller publications not listed]

1. **Norman J.** Prospective evaluation of total parathyroidectomy and autotransplantation for secondary hyperparathyroidism. *Archives of Surgery*. 1998;204:112-113
2. **Norman J.** Minimally invasive radioguided parathyroidectomy: an endocrine surgeon's perspective. *Journal of Nuclear Medicine*. 1998;39:15N,24N
3. **Norman J.** Minimally invasive parathyroidectomy: easy to learn for everybody, or difficult for a select few? *Journal of the American College of Surgeons*. 1998, 119;8:145-7.

## **BOOKS / BOOK CHAPTERS**

1. **Norman J,** Carey LC. The Spleen. *Essentials of Surgery*. Second Edition. Sabiston, D.S. (ed). W.B. Saunders Co., Philadelphia, PA 1994.
2. **Norman J.** Gallstones--A Patient's Guide. The Health Information Network, New York 1994.
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4. **Norman J,** Carey LC. Cytokines and Acute Pancreatitis. in *Cytokines and the Abdominal Surgeon*. Chapter 7. Schein and Wise editors. LANDES Bioscience Publishers. Austin, Texas.
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8. Jaffray C, **Norman J.** Minimally Invasive Radioguided Parathyroidectomy. In: *Lymphatic Mapping and Probe Applications in Cancer*. Marcel Dekker, New York, 2000.
9. **Norman J.** Parathyroid Cancer. In: *Cancer Sourcebook*, 4<sup>th</sup> edition. *Health Reference Series*. OmniGraphics Publishing, Inc. Detroit, MI. 2003.
10. **Norman J.** Parathyroid surgery in 2004: Where we are and what is standard of care. *Otolaryngology Clinics of North America*. 2004;3:683-688.
11. **Norman J.** Minimally invasive radioguided parathyroidectomy for primary hyperparathyroidism. Mariani G, Strauss HW, Guiliano A (eds), *Radioguided Surgery: A Comprehensive Team Approach*. New York: Springer, 2006.

## **VIDEO TAPES** (surgical instructional videos)

1. **Norman J.** Resection of pancreatic insulinoma. Cine-Med Library / American College of Surgeons. 1997.
2. **Norman J.** Laparoscopic Adrenalectomy. Southeastern Surgical Congress, 1997.

3. **Norman J.** Minimally invasive radioguided parathyroidectomy. Southeastern Surgical Congress. 1999
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## **PUBLISHED ABSTRACTS**

Approximately 300; not listed for brevity.

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## **ORAL PRESENTATIONS AT NATIONAL MEETINGS**

*(Note: Hundreds of presentations at the local level are not included)*

1. The Role of Lymphoscintigraphy in Malignant Melanoma. Southeastern Surgical Association. "Gold Medal Paper" Innisbrook, Florida. January 1989.
2. Lymphoscintigraphy in Melanoma-Surgical Considerations. American Cancer Society 12th Annual Cancer Research Seminar. Orlando, Florida. March 1989.
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13. Cytokines and Cytokine Antagonist in Acute Pancreatitis. 4th Annual International Meeting on Cytokine Antagonism, Washington, D.C. February 12,1994.
14. Decreased Severity of Experimental Acute Pancreatitis by Pre or Post Treatment With Interleukin-1 Receptor Antagonist. 28th Annual Meeting of the Pancreas Club. May 18, 1994.
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16. Decreased Mortality of Severe Acute Pancreatitis Following Proximal Cytokine Blockade. Southern Surgical Association, One Hundred Sixth Annual Session, Palm Beach, FL. December 6, 1994.
17. Increased Mortality of Appendicitis with Advancing Age. 30th Annual Meeting of the Southeastern Surgical Congress. Feb. 1994. Orlando, FL
18. Pancreatitis-Induced SIRS is Mediated by Systemic Cytokine Gene Expression. 5th Annual Meeting of International Society for Interferon and Cytokine Research: Sepsis & SIRS. Washington, DC. February 21, 1995.
19. The Effects of TPN Administration on Liver Function. Annual Meeting of the American Society for Parenteral and Enteral Nutrition. April 1995.
20. Multiple Organ Cytokine Gene Expression Induced by Acute Pancreatitis. Proc. 36th Annual Meeting of the Society for Surgery of the Alimentary Tract. San Diego, CA. May 17, 1995.
21. Common Bile Duct Injuries Following Laparoscopic Cholecystectomy. 15th Annual Meeting of the Society of Abdominal Surgeons. Las Vegas, NV. April 9,1995.
22. Laparoscopic Adrenalectomy. 15th Annual Meeting of the Society of Abdominal Surgeons. Las Vegas, NV. April 10, 1995.
23. Transgenic Knockout Animals Confirm the Role of Interleukin-1 in the Pathogenesis of Acute Pancreatitis. 29th Annual Meeting of the Pancreas Club, San Diego, CA. May 14,1995.
24. Systemic Cytokines Produced During Acute Pancreatitis Originate Within the Pancreas. Annual Meeting of the American Gastroenterological Association, San Diego, CA. May 15, 1995.
25. Multi-Organ Cytokine Gene Expression Induced by Acute Pancreatitis. 36th Annual Meeting of the Society for Surgery of the Alimentary Tract, San Diego, CA. May 16, 1995.
26. Acute Pancreatitis--A New Perspective of an Old Disease. National Pancreatitis Investigators Conference. Annapolis MD. October, 1995
27. Acute Pancreatitis Induces Specific Changes in the TNF Family of Genes. 23rd Annual Meeting of the American Pancreatic Association. Chicago, IL. November 2, 1995.
28. Interleukin-1 Receptor Modulates Systemic IL-1 Gene Expression During Acute Pancreatitis. 29th Annual Meeting of the Association for Academic Surgery. Ann Arbor, MI. November 9, 1995.
29. Tissue Specific Regulation of Glutamine Synthetase Gene Expression in Acute Pancreatitis is Confirmed Using IL-1 Receptor Knockout Mice. Proceedings of the 57th Annual Meeting of the Society of University Surgeons, Feb 1996.
30. Function Significance of Donor Islet IL-1 Receptor Expression in Islet Transplantation. 22nd Annual Meeting of American Transplant Association. March, 1996.
31. Fluconazole increases bacteriocidal activity of neutrophils through non-cytokine mediated pathway. Annual Meeting of the Western Trauma Assoc. April 1996.

32. Acute pancreatitis induced enzyme release and necrosis are attenuated by IL-1 antagonism. Annual Meeting of the Association of VA Surgeons. April 28, 1996.
33. IL-1 and TNF receptor knockout mice demonstrate differential sensitivity towards intra peritoneal E. coli infection. 16th Annual Meeting of the Surgical Infection Society. April 1996.
34. A low molecular weight macrophage inhibitor decreases severity of pancreatitis through inhibition of IL-1 and TNF production. Surgical Forum, American College of Surgeons. San Francisco, CA. November 1996.
35. Functional significance of donor islet IL-1 receptor type-1 expression in islet transplantation. International Transplantation Society. September, 1996.
36. Inhibition of post-transcriptional cytokine gene processing proximal in the cytokine cascade minimizes the severity of acute pancreatitis. Annual Meeting of the American Pancreatic Association, Nov. 1996.
37. Metalloproteinase inhibition significantly attenuates pancreatic carcinoma growth in vivo and in vivo. Annual Meeting of American Pancreatic Association. Chicago, Nov. 1996.
38. Minimally invasive parathyroid resection guided by a single preoperative sestamibi scan.. American College of Surgeons, November, 1996.
39. Gene targeted modulation of functional IL-1 receptor (IL-1R1) expression to transplanted donor islets confers protection against host non-specific inflammatory responses. 30th Annual Meeting of the Association for Academic Surgeons. Chicago, Nov 1996.
40. Minimally invasive parathyroidectomy facilitated by intraoperative nuclear mapping. Annual Meeting of the American Association of Endocrine Surgeons. Baltimore MD, May 7, 1997
41. Inhibition of post-transcriptional cytokine gene processing proximal in the cytokine cascade minimizes the severity of pancreatitis. Annual Meeting of the American Pancreatic Association, Chicago. Nov 1996.
42. Gene targeted deletion of IL-1 and TNF receptors expressed by transplanted islets protect against host non-specific cytokine injury. American Society of Transplant Surgeons 23rd Annual Meeting. May 14, 1997
43. Active hemolysin markedly augments the lethality of genetically engineered E. coli by an IL-1 receptor and TNF receptor independent pathway. 1997 Annual Meeting of the Surgical Infection Society.
44. Minimally invasive parathyroidectomy is better for all concerned. Annual Meeting of the South Eastern Surgical Congress. Nashville, TN. Feb 1997.
45. Inflammatory mediators are under the influence of direct genetic control during acute pancreatitis. Annual Meeting of the South Eastern Surgical Congress. Nashville. Feb 1997.
46. Acute pancreatitis associated ARDS is mediated by an IL-1 and TNF-dependent mechanism: a study in transgenic animals. Annual Meeting of the Society of University Surgeons. Feb 1997.
47. Acute pancreatitis: from the laboratory to the bedside and back. Annual Meeting of the Society of University Surgeons. Feb 1997.
48. Active hemolysin markedly augments the lethality of genetically engineered E. coli by an IL-1 receptor and TNF receptor independent pathway. Seventeenth Annual Meeting of the Surgical Infection Society. Pittsburgh, PA. May 1, 1997
49. Cytokine activation through sub-lethal hemorrhage is protective against early lethal endotoxic challenge. Seventeenth Annual Meeting of the Surgical Infection Society. Pittsburgh, PA. May 1, 1997.

50. Unknown component of pancreatic ascites responsible for in vivo and in vitro cytokine gene expression. Seventeenth Annual Meeting of the Surgical Infection Society. Pittsburgh, PA. May 1, 1997
51. Inhibition of cytokine cascade progression through prevention of TNF protein translation decreases pancreatic pulmonary necrosis and attenuates pancreatitis severity. Annual Meeting of the Southeastern Surgical Congress (Winner of the Gold Medal Forum-Dr Denham)
52. TNF induces apoptosis during acute pancreatitis. Annual meeting of the Society of University Surgeons 1997 (Dr Denham)
53. TNF but not IL-1 decreases pancreatic acinar cell survival without affecting exocrine function: a study in the perfused human pancreas. Association of VA Surgeons, March 1997.
54. PKC antisense treatment confers a survival benefit in an orthotopic pancreatic cancer model. Annual Meeting of the Society of University Surgeons, Feb, 1997.
55. PKC antisense treatment confers a survival benefit in an orthotopic pancreatic cancer model. Annual Meeting of the American Association for Cancer Research. April, 1997 (Dr Gower).
56. Sublethal hemorrhage blunts inflammatory cytokine response to sepsis in a rat model. Annual Meeting of the Association for V.A. Surgeons (Dr Zervos).
57. Pancreatitis confers a survival benefit in an orthotopic model of pancreatic cancer. Annual Meeting of the Society for Surgery of the Alimentary Tract. May 11, 1997.
58. Cationic liposome mediated gene transfer during acute pancreatitis: tissue specificity, duration, and effects of acute inflammation. Annual Meeting of the Society for Surgery of the Alimentary Tract. March, 1997. (W Denham)
59. Intrapancreatic transfection of human IL-10 gene decreases severity of acute pancreatitis. Annual Meeting of the American Gastroenterological Association. March, 1997.
60. TNF induces apoptosis during acute pancreatitis. Annual Meeting of the American Gastroenterological Association. March, 1997.
61. The physiologic consequences of macrophage pacification during acute pancreatitis. Annual meeting of the American Pancreatic Association, Chicago. Nov 1997 (J Wang).
62. Anti-cytokine gene therapy as a novel treatment for acute pancreatitis. Annual Meeting of the Pancreas Club. April 1997 (W. Denham)
63. Functional deletion of IL-1 and TNF receptors expressed by transplanted islets protect against non-specific cytokine injury. Sixth Congress of the International Pancreas and Islet Transplant Association. Sept 24, 1997.
64. The role of PKC isoforms in the regulation of pancreatic cancer growth and differentiation. Annual Meeting of the Pancreas Club. May, 1997
65. Gene transfection into the normal mouse pancreas without inducing pancreatitis. Annual Meeting of the American Gastro Assoc. May, 1998.
66. The role of cytokines in tolerance to hemorrhagic shock. Annual Meeting of the Western Trauma Association. March, 1997.
67. IL-1 and TNF cannot initiate colocalization or pancreatitis in vitro or in the perfused human pancreas. Surgical Forum. October, 1997.
68. Cytokines and pancreatitis. 2<sup>nd</sup> Annual International Sepsis Meeting. Toronto, Ontario. November, 1997.

69. Cost effectiveness of per-operative sestamibi scan for primary hyperparathyroidism is dependent solely upon surgeon's choice of operative procedure. Annual Meeting of the American College of Surgeons. Oct 1997.
70. Transient human gene therapy: a novel cytokine regulatory strategy for experimental pancreatitis. 109<sup>th</sup> Annual meeting of the Southern Surgical Association. Dec 1997
71. Macrophage pacification decreases pulmonary IL-1 and NO, attenuating the severity of pancreatitis-induced ARDS. Annual Meeting of the Society of Critical Care Medicine. San Antonio, TX. Feb 1998 (W Denham).
72. Pulmonary endothelium and epithelium are maintained post endotoxin in type-1 interleukin-1 receptor knockout mice. Annual Meeting of the American Physiology Society; Experimental Biology 1998. New Orleans, LA. March 14, 1998.
73. Interleukin-1 converting enzyme mediates renal ischemia-reperfusion injury in mice. Annual meeting of the American Transplant Association. April, 1998.
74. Macrophage inhibition attenuates protective effects of sublethal hemorrhage in LPS challenged Rats. 21<sup>st</sup> Annual Conference on Shock, The Shock Society. San Antonio Tx. June 14, 1998.
75. Directed antisense therapy confirms the role of PKC in the tumorigenicity of pancreatic cancer. Annual Meeting of the Society of University Surgeons. Feb, 1998 (D Denham)
76. Liposome mediated gene transfer induces systemic inflammation by an endotoxin independent mechanism. Annual Meeting of the Society of University Surgeons. Feb, 1998 (W Denham)
77. Reading habits of university residents related to PGY level and difficulty of rotation. Annual Meeting of Association of Program Directors in Surgery. Baltimore, May 1998.
78. Macrophage pacification reduces pancreatitis-induced hepatocellular injury through down-regulation of hepatic TNF and IL-1. Annual Meeting of the American Association for the Study of Liver Disease. New Orleans, May, 1998
79. Preservation of physiologic parameters during experimental pancreatitis by macrophage pacification. Annual Meeting of the American Gastroenterological Association. New Orleans. May 1998.
80. Successful gene transfer induces local and systemic inflammation worsening pancreatitis severity. Annual Meeting of the American Gastroenterological Association. New Orleans. May 1998.
81. Acinar cell apoptosis during acute pancreatitis is mediated through activation of the TNF p55 receptor and not the FAS receptor. Annual Meeting of the Pancreas Club. 1998.
82. Recurrent and persistent parathyroid disease: changes in the operative approach. Annual meeting of the Society of Clinical Endocrinologists. April, 1998.
83. Radioguided parathyroidectomy in the re-operative neck. Annual meeting of the American Association for Endocrine Surgeons. April, 1998.
84. Cytokines as mediators of pancreatitis. Am. Gastro. Assoc Annual Post Graduate Course. May, 1998.
85. Inflammatory mediators of pancreatitis: novel molecules for antagonism. SSAT annual Post Graduate Course. May 1998.
86. The role of cytokines in the pathogenesis of pancreatitis. SSAT and AGA combined clinical symposium. Digestive Disease Week. May, 1998.

87. New approaches to acute pancreatitis: the role of inflammatory mediators. Annual Meeting of the International Pancreas Society. Tokyo, Japan. July, 1998.
88. Design of clinical trials for acute pancreatitis. Annual Meeting of the International Pancreas Society. Tokyo, Japan. July, 1998.
89. Acinar cell apoptosis and the responsible receptors during acute pancreatitis. Surgical Forum, American College of Surgeons October, 1998 (mentor to Daphne Denham).
90. Prevention of pancreatitis-ARDS with P38 MAP kinase inhibition of TNF gene transcription. Annual Meeting of the American Pancreatic Association, November 1998
91. The use of Antibiotics during severe acute pancreatitis. American College of Surgeons Annual Meeting, Clinical Symposium on Current Pancreatitis Therapy. October, 1998.
92. Cytokines and their antagonism during acute pancreatitis. American College of Surgeons Annual Meeting, Clinical Symposium on Current Pancreatitis Therapy. October, 1998.
93. Minimally invasive parathyroidectomy: endoscopic versus radioguided. American College of Surgeons Annual Meeting, Clinical Symposium. October, 1998.
94. Radioguided Parathyroidectomy. American College of Surgeons Annual Meeting, daily clinical symposiums. October, 1998.
95. Clostridium Difficile toxin stimulates hepatic acute phase protein synthesis through the interleukin-1 p80 receptor. Surgical Infection Society, Spring 1999.
96. Macrophage pacification: a novel means to block the effects of multiple inflammatory mediators during acute pancreatitis. *American Pancreatic Association*, Nov. 1998. (mentor to Dr. Jaffray)
97. Successful human IL-10 gene transfer into rodents amplifies TNF and worsens pancreatitis. *Association for Academic Surgery, thirty-second annual meeting*, Nov. 1998 (mentor to Dr. Jaffray)
98. Evidence of a central role for the p38 MAP kinase induction of TNF in pancreatitis-induced ARDS. *60th Annual Meeting of the Society of University Surgeons*, Feb. 1999. (mentor to Dr. Jaffray)
99. Fas and Fas ligand are involved in apoptosis during acute pancreatitis but their role remains uncertain. *Forty-first Annual University Surgical Residents Conference, The Society of University Surgeons*, Feb. 1999.
100. Direct stimulation of monocytes by specific pancreatic enzymes: evidence for the missing link between pancreatic inflammation and systemic illness during acute pancreatitis. *Americas Hepato-Pancreato-Biliary Congress*, Feb. 1999. (mentor to Dr. Jaffray)
101. Elimination of frozen section analysis and hormone assays during parathyroidectomy by simple intra-operative ratios. *American Association of Endocrine Surgeons, 1999 Annual Meeting*, May 1999. (mentor to Dr. Jaffray)
102. Elastase: The possible missing link between pancreatic inflammation and systemic illness. *1999 Digestive Disease Week, Pancreas Club, Thirty-third Annual Meeting*, May 1999.
103. Specific pancreatic enzymes activate macrophages to produce TNF: The role of NF- $\kappa$ B and IB proteins. *1999 Digestive Disease Week, Society for Surgery of the Alimentary Tract, Fortieth Annual Meeting*, May 1999. (mentor to Dr. Jaffray)
104. Fas receptor-ligand binding induces pancreatic acinar cell apoptosis *in vitro*, although the *in vivo* role remains uncertain. *1999 Digestive Disease Week, Annual Meeting of the American Gastroenterological Association*, May 1999.

105. Specific pancreatic enzymes activate macrophages: The potential missing link between pancreatic inflammation and systemic illness during acute pancreatitis. *Annual Meeting of the American Gastroenterological Association*, May 1999.
106. Elastase precipitates lung injury, mimicking pancreatitis-related ARDS, by inducing macrophage TNF production. *1999 Digestive Disease Week, Annual Meeting of the American Gastroenterological Association*, May 1999.
107. Elastase mimics pancreatitis-associated hepatic injury via hepatic TNF production. *Association for Academic Surgery, thirty-third annual meeting*, Nov. 1999.
108. Pancreatic elastase activates pulmonary NF- $\kappa$ B and I $\kappa$ B mimicking pancreatitis-associated ARDS. *61<sup>st</sup> Annual Meeting of the Society of University Surgeons*, Feb. 2000.
109. Radioguided parathyroidectomy for aberrant located parathyroid adenomas. *68<sup>th</sup> Annual Meeting of the Southeastern Surgical Congress*, Feb 2000
110. Gamma probe guided parathyroidectomy. Annual meeting of the Society of Surgical Oncology. March, 2000.
111. Gadolinium attenuates Pancreatic Elastase-induced Liver Injury by Reducing TNF Production from Kupffer Cells via NF- $\kappa$ B. *Society for Surgery of the Alimentary Tract*, Atlanta, May 2001
112. Mechanisms of Liver Injury during Acute Pancreatitis. Japan Surgical Society, Sendai, April 2001. Traveler Award.
113. Regulation of Cytokine Gene Expression and Mechanisms of Liver Injury in Acute Pancreatitis. Pancreas Club, Atlanta, May 2001.
114. Cytokine and Nitric Oxide Blockade Attenuate Pancreatitis-Associated Ileus. AGA, Atlanta, May 2001
115. Elastase Induces Liver Injury via Kupffer Cell but not Hepatocyte Second Messenger Systems. Association of VA Surgeons, Atlanta, May 2001
116. Pancreatic Elastase Induces Small Bowel Ileus by Activation of Inflammatory Cytokines. Florida Surgical Society, Key West, June 2001.
117. Blocking Cytokines and Nitric Oxide Attenuates Pancreatitis-Associated Ileus. ICS-US, Orlando, July 2001
118. Pancreatic-Associated Ascites Induces Hepatocyte Death Independent of Local Cytokine Production. Annual meeting of the Association for Academic Surgeons, Milwaukee, Nov 2001
119. Regulation of kupffer cell TNF gene expression during experimental acute pancreatitis: The central role of P38-MAPK, ERK1/2, JNK. Annual Meeting of the Pancreas Club. San Francisco, CA. May 2002
120. Liver injury during acute pancreatitis: the role of PAAF, P38-MAPK and Caspase-3 in hepatocyte apoptosis. Society for Surgery of the Alimentary Tract (SSAT) Plenary Session, San Francisco, May 02.
121. Pancreatic-associated ascitic fluid (PAAF) induces lung and liver injury by different mechanisms. American College of Surgeons—Surgical Forum. San Francisco, October, 2002
122. Radioguided parathyroid surgery - How it is changing endocrine surgery. American College of Surgeons—Primary session, principle speaker. San Francisco, October, 2002
123. The impact of minimally invasive Radioguided Parathyroidectomy on the future of endocrine surgery. Association of Endocrine Surgeons. December, 2002.



124. Pancreatic-associated ascitic fluid (PAAF) induces lung injury and liver injury by different mechanisms. American College of Surgeons, San Francisco, October, 2002.
125. Acute pancreatitis induces ileus by upregulating TNF and nitric oxide in the small intestine. American Gastroenterological Association annual meeting. Chicago, March 2003.
126. The impact of minimally invasive parathyroid surgery on the way endocrinologists treat hyperparathyroidism. Annual Meeting of the American Association for Endocrine Surgeons. San Diego, May 2003.
127. The role of nitric oxide (NO) and tumor necrosis factor (TNF) in pancreatitis-induced ileus. Annual Meeting of the American College of Surgeons. November, 2003.
128. Minimally Invasive Radioguided Parathyroidectomy (MIRP), One surgeon's experience with 2,500 cases. Annual meeting of the Florida Endocrine Society. Orlando, FL. August, 2003.
129. Minimally Invasive Parathyroidectomy: When is enough enough, and how do you know when the operation is done? 5<sup>th</sup> International Head and Neck Surgery Conference. July 2004. Washington, DC.
130. Outpatient parathyroid surgery and the perceived differences in the morbidly obese. Annual meeting of the American Academy of Otolaryngology, September, 2004. NY, NY.
131. Undescended parathyroid adenomas: location and operative approach. Annual meeting of the American Association of Endocrine Surgeons. April, 2006. Chicago, IL.
132. Analysis of 1000 parathyroid patients with kidney stones calls into question the theory of "renal leak". Annual meeting of the American Urologic Association. May 2007. San Francisco, CA.
133. Analysis of 4000 parathyroid operations to determine which clinical parameters can predict who may be a good candidate for unilateral neck exploration. 2007 meeting of the American Academy of Otolaryngology-Head and Neck Surgery. September, 2007. Washington, DC.
134. 5000 parathyroid operations without frozen section or PTH assays: Measuring individual parathyroid gland hormone production in real-time. Annual meeting of the Society for Surgical Oncology. Chicago, IL. April, 2008.
135. Postoperative Calcium Requirements in 6000 Patients Undergoing Outpatient Parathyroidectomy: Easily Avoiding Symptomatic Hypocalcemia. Annual meeting of the American College of Surgeons. Chicago, IL. 2009.
136. Prospective Study in 3000 Consecutive Parathyroid Operations Demonstrate 18 Objective Factors Which Influence the Decision for Unilateral vs. Bilateral Surgical Approach. Annual meeting of the American College of Surgeons. Chicago, IL. 2009.
137. Intrathyroid Parathyroid Adenomas: A rare problem and an argument against thyroid lobectomy for a missing adenoma. Annual Meeting of the Association for Head and Neck Surgeons. Boston, 2010.
138. Parathyroid 2010: Emerging Guidelines in the Treatment of Parathyroid Disease. November 12, 2010. Philadelphia, PA.
139. Cinacalcet (Sensipar) provides no measurable clinical benefits for patients with Primary Hyperparathyroidism and may accelerate bone loss with prolonged use. Annual Meeting of the Society of Surgical Oncology. March 2011, San Antonio, Texas.
140. The Effect of Vitamin D Levels on Postoperative Calcium Requirements, Symptomatic Hypocalcemia, and PTH Levels in Following Parathyroidectomy for Primary Hyperparathyroidism. Annual Meeting of the American Association of Endocrine Surgeons. April, 2011; Houston, Texas.

**Note:** Approximately 10 invited lectures have been given at national meetings on the topic of the Internet, its uses in medicine, and novel means to navigate complex medical information on the WWW. Not listed here for brevity.

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## VISITING PROFESSORSHIPS

Over 30 instances of invited, visiting professorships have been undertaken at 25 American medical schools, and several schools in Japan and Europe. Details are not listed for brevity.

**GRANTS:** *Funding / Source:* Only those with Dr Norman as Principal Investigator are listed.

*Dr. Norman has participated in dozens of other grants as a consultant or co-investigator which are NOT listed.*

1. Title: *The Role of Apoptosis During Acute Pancreatitis.*  
Sponsor: Veteran's Administration Merit Review  
Type: Basic Science Research  
Role: Principal Investigator  
Dates: 7/98--7/03  
Amount: \$720,000.00
  
2. Title: *The Role of Cytokines in the Pathogenesis of Acute Pancreatitis.*  
Sponsor: Veteran's Administration Merit Review  
Type: Basic Science Research  
Role: Principal Investigator  
Dates: 3/95--7/98  
Amount: \$345,000.00
  
3. Title: *A Double-Blind, Randomized, Placebo-Controlled, Multi-center Trial to evaluate the Efficacy and Safety of Three Doses of Lexipafant (a novel PAF antagonist) for the Treatment of Acute Pancreatitis.*  
Sponsor: British Biotech Inc. Annapolis, Maryland.  
Type: Multi-Center Clinical Trial  
Role: Principal Investigator at the national level and responsible for overall study design and FDA application assistance. Also responsible for recruitment of centers and associated PI's nationally. Principal Investigator at USF site.  
Dates: 2/96--Ongoing  
Amount: \$94,000.00  
National Budget: \$8.2MM.
  
4. Title: *The Role of TNF in the Early Pathogenesis of Acute Pancreatitis: A Study in The Isolated Perfused Human Pancreas.*  
Sponsor: Amgen, Inc.  
Type: Basic Science Research  
Role: Principal Investigator

- Dates: 7/96--6/97  
Amount: \$45,000.00
5. Title: *“A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study, Two Doses Level Study of Intravenous Betafectin PGG for the Prevention of Serious Infection a High Risk for Infection.” FG95-01.*  
Sponsor: Alpha Beta Technology, Inc.  
Type: Multi-Center Clinical Trial  
Role: Co-Principle Investigator  
Dates: 4/95-6/97  
Amount: \$322,000.00
6. Title: *“A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study, Two Doses, Level Study of Intravenous Betafectin PGG for the Prevention of Serious Infection a High Risk for Infection following Surgery for Ulcerative Colitis or Crohn’s Disease.” FG96-01.*  
Sponsor: Alpha Beta Technology, Inc.  
Type: Multi-Center Clinical Trial  
Role: Co-Principle Investigator  
Dates: 12/96-ongoing  
Amount: \$72,000.00
7. Title: *“A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study, Two Doses Level Study of Intravenous Betafectin PGG for the Prevention of Serious Infection in Patients Undergoing Upper Gastrointestinal Surgery who are at High Risk for Infection.” FG95-01*  
Sponsor: Alpha Beta Technology, Inc.  
Type: multi-Center Clinical Trial  
Role: Principle Investigator  
Dates: 12/97-ongoing  
Amount: \$128,000.00
8. Title: *Apoptosis in the Transplanted Pancreas.*  
Sponsor: Lifelink Creative Scholarship Program.  
Type: Basic Science Research  
Role: Principal Investigator and mentor to Daphne Denham, M.D.  
Dates: 7/96--6/98  
Amount: \$100,000.00
9. Title: *“A Phase 2d Study to Evaluate the Safety and Efficacy of Recombinant Platelet Activating Factor Acetylhydrolase (rPAF-AH) for the Prevention of Acute Respiratory Distress Syndrome (ARDS) in Patients with Severe Sepsis or Severe Traumatic Injuries.” BAR02*  
Sponsor: Scirex.  
Type: Multi-Center Clinical Trial  
Role: Principle Investigator  
Dates: 4/97-ongoing  
Amount: \$90,000.00
10. Title: *Cell Death Mechanisms During Acute Pancreatitis.*  
Sponsor: Southern Medical Association.

- Type: Basic Science Research  
 Role: Principal Investigator and mentor to Daphne Denham, M.D.  
 Dates: 7/97--6/98  
 Amount: \$15,000.00
11. Title: *A Study to Evaluate the Safety and Efficacy of Human Recombinant Interleukin-1 Receptor Antagonist in Patients with Severe Sepsis.*  
 Sponsor: Synergen, Corp.  
 Type: Multi-Centered Clinical Trial  
 Role: Principal Investigator  
 Dates: 8/93--9/95  
 Amount: \$247,500.00
12. Title: *The Effect of Inflammatory Cytokines in Acute Pancreatitis.*  
 Sponsor: USF Division of Sponsored Research Faculty Research Award.  
 Type: Basic Science Research  
 Role: Principal Investigator  
 Dates: 3/93--3/94  
 Amount: \$10,000.00
13. Title: *Cytokines and Pancreatitis.*  
 Sponsor: Creative Scholarship and Grants Program. USF School of Medicine.  
 Type: Basic Science Research  
 Role: Principal Investigator  
 Dates: 1/94--1/95  
 Amount: \$7,500.00

**Total Grant Support as Principal Investigator Since 1993: \$2,496,000.00**

**Patents / Intellectual Property:**

1. U.S. and World-wide Patents Issued: *The use of Interleukin-1 receptor antagonist for the treatment of acute pancreatitis.*
2. U.S., Europe, and Japanese Patents Issued: *Tumor necrosis factor blockade for the treatment of acute pancreatitis.*
3. U.S. Patent Issued: *A method for decreasing the severity of acute and chronic pancreatitis.*  
(European Patent Pending)
4. U.S. and foreign Patent Issued: *Minimally invasive parathyroidectomy facilitated by intraoperative nuclear mapping.*
5. U.S. and foreign Patent Issued: *Radioguided parathyroidectomy for persistent Hyperparathyroidism.*
6. U.S. Patent Issued: *Computerized apparatus and method for directing Internet users to health care information.*
7. U.S. Patent Issued: *Use of medical codes to index, tag, and retrieve medical information over the Internet.*

8. U.S. Patent Issued: *Graphical methodology to navigate healthcare information over a computer network.*
9. U.S. Patent Issued: *Interactive graphical method to navigate disparate databases over a computer network.*

**Note:** Patents are still pending on 2 inventions regarding Internet technology, Internet navigational technology, and/or Internet software.