

MARC R. GARFINKEL, M.D.

CURRICULUM VITAE

Southern Illinois University School of Medicine, Department of Surgery
701 North 1st Street, PO Box 19638, Springfield, IL 62794-9638
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CURRENT POSITIONS

Associate Professor of Surgery

Southern Illinois University School of Medicine
Springfield, IL

April 2010 - Present

Surgical Director, Abdominal Transplantation

Memorial Medical Center
Springfield, IL

April 2010 - Present

Chairman, Department of Surgery

St. John's Hospital
Springfield, IL

January 2012 - Present

PAST POSITIONS

Transplant Surgeon

Aurora St. Luke's Medical Center
Milwaukee, WI

June 2009 – February 2010

Assistant Professor of Surgery

Director, Islet Transplant Program
Director of Islet Isolation
Department of Surgery, Section of Transplantation
The University of Chicago
Chicago, Illinois

August 2001 – May 2009

EDUCATION

Fellowship in Transplantation

University of California at San Diego
San Diego, California

1999-2001

General Surgery Internship and Residency (including Chief Resident Year)

University of California at San Diego
San Diego, California

1997-1999

Research Fellowship 1995-1997

Mentor: Emmanuel C. Opara, Ph.D.
 Duke University Islet Physiology Laboratory
 Durham, North Carolina

Biometry Training Program 1996

Course: Probability and Statistical Inference
 Duke University School of Medicine
 Durham, North Carolina

General Surgery Internship and Residency 1992-1995

University of California at San Diego
 San Diego, California

Doctor of Medicine 1988-1992

Duke University School of Medicine
 Durham, North Carolina

Bachelor of Arts (majors: history, chemistry) 1984-1988

Duke University
 Durham, North Carolina

LICENSURE

Illinois Medical License -- # 036-105100 (exp. 7/31/17)
 Illinois Controlled Substance License -- # 336-065707 (exp. 7/31/17)
 Drug Enforcement Administration -- BG5256335 (exp. 9/30/17)
 Wisconsin Medical and Surgical License -- #52977-020 (granted 4/23/09, expired 10/31/11)
 South Carolina Medical License -- #MMD.25337LL (active for one day site visit—4/1/03)
 California State Fluoroscopy License -- RHC147085 (active 3/27/00 – 5/31/02)
 California Medical Board -- #A053085 (active 5/18/94 – 7/31/01)

CERTIFICATIONS

American Board of Surgery – certified (ABS ID# 047150, 056840) April 17, 2002, recertified
 Dec 9, 2011 (exp. July 1, 2022)
 Advanced Trauma Life Support Instructor, June 14, 2011 – present (exp. 6/14/2019)
 Advanced Trauma Life Support, 1993-April, 2001; June 18, 2010 – present (exp. 6/18/14)
 Advanced Trauma Life Support, Instructor Candidate, November 18, 2010 – June 14, 2011
 Advanced Cardiac Life Support, 1992-August, 2001
 Federal Licensure Examination, 1992

HOSPITAL AFFILIATIONS

Transplant, Trauma, and General Surgeon April 2010 - Present
 Memorial Hospital, Springfield, IL

Trauma and General Surgeon St. John's Hospital, Springfield, IL	April 2010 - Present
Transplant Surgeon, Abdominal Transplant Program Aurora St. Luke's Medical Center, Milwaukee, WI	June 2009 – June 2010
Attending Surgeon Department of Surgery, Section of Transplantation The University of Chicago Hospitals, Chicago, IL	August 2001 – May 2009
Attending Surgeon Division of Surgery Louis A. Weiss Memorial Hospital, Chicago, IL	January 2002 – February 2004
Clinical Instructor Department of Surgery UCSD Medical Center, San Diego, CA	July 1999 – June 2001
AWARDS	
Department of Surgery Excellence in Teaching Award (Medical Students) Southern Illinois University School of Medicine, Springfield, IL	2011, 2012, 2013, 2015, 2016
America's Top Doctors® Castle Connolly Medical Ltd.	2015
Department of Surgery Excellence in Teaching Award (Surgery Residents) Southern Illinois University School of Medicine, Springfield, IL	2012
"Collaborative Physician of the Month" (November - as voted by the nurses) Surgical Intensive Care Unit, Aurora Health Care St. Luke's Medical Center, Milwaukee, WI	2009
Outstanding Oral Presentation for Faculty Research Fourteenth Annual Charles B. Huggins Research Conference, The University of Chicago, Chicago, IL	2007
Champion Surgeon The Renal Network, Chicago IL area	2007
Most Outstanding Oral Presentation for Faculty Research Twelfth Annual Charles B. Huggins Research Conference, The University of Chicago, Chicago, IL	2005
Most Outstanding Poster Presentation Eleventh Annual Charles B. Huggins Research Conference, The University of Chicago, Chicago, IL	2004

Teaching Award	1999
Department of Surgery, University of California at San Diego, San Diego, CA	
Graduation with Distinction in History	1988
Duke University, Durham, North Carolina	
Varsity Letter Award	1985, 1987, 1988
Duke University Swim Team, Duke University, Durham, North Carolina	
ACC Honor Roll (student athletes)	1985, 1986, 1987, 1988
Duke University, Durham, North Carolina	
Wade Family Fellowship for the study of Biological Oceanography	1987
Duke University Marine Laboratory, Durham, North Carolina	
Phi Eta Sigma Freshman Honor Society	1985
Duke University, Durham, North Carolina	

MEMBERSHIPS

American Society of Transplant Surgeons	2007 - Present
American Diabetes Association, Professional Section	2003 - Present
Association for Academic Surgery, Active Member	2003 - Present
Association for Academic Surgery, Candidate Member	1996 - 2003
American Medical Association (Residents Forum)	
Illinois Surgical Society	2002 - 2006
California Medical Association	1999 - 2001

PATENTS

US Utility Patent #US20070190036 A1: "Microencapsulation of Pancreatic Islets within a Thin Coat of Glucagon-Like Peptide-1 Functionalized Poly (Ethylene Glycol)."

US Utility Patent #US20070009668 A1: "Microencapsulation of Particles in a Polymer Solution by Selective Withdrawal Through a High Viscosity Low Density Fluid and Subsequent Crosslinking."

GRANTS AND FUNDING

9/2005-9/2007 - University of Chicago Subcontract to NIH SBIR Phase I Proposal 1 R43 DK072747-01, "Combined Effects for Improved Tissue Dissociation", University of Chicago sub award amount: \$ 109,526 (DC) + 57,775 (IDC).

1/1/04-12/31/07 - American Diabetes Association Islet Cell Replacement in Type I Diabetes Initiative, "Study of a novel method of islet encapsulation: inverted selective withdrawal," \$795,558 direct costs.

12/1/03-12/31/05 - Chester Foundation, "The University of Chicago Tissue and Cellular Isolation Facility," \$20,000.

11/30/02-11/30/03 - NIH Administrative Supplement to DRTC grant #3 P60 DK20595-25S1, "Study of a Novel Method of Islet Micro Encapsulation: Selective Withdrawal," \$150,000 + indirects.

UNIVERSITY TEACHING

Conference Presenter

1. **SIU Medical School Core Conference (Student), Acute abdomen and hernia**, Quarterly, 7/13/11, 10/18/11, 2/14/12, 5/8/12, 7/17/12, 10/16/12, 2/5/13, 6/4/13, 7/30/13, 10/15/13, 2/4/14, 5/6/14, 9/2/14, 10/28/14, 1/21/15, 4/29/15, 7/9/15, 10/13, 15, 1/20/16, 6/21/16.
2. **SIU Department of Medicine Grand Rounds Presenter, Adrenal Case**, 11/24/15.
3. **SIU Department of Surgery Core Conference Presenter, Endocrine – Adrenal/MEN/Pituitary**, 6/10/12, 5/23/13, 9/25/14, 10/29/15, 10/13/16.
4. **SIU Department of Surgery Core Conference Presenter, Transplant Immunology**, 4/12/12, 12/13/13, 3/13/14.
5. **SIU Family Medicine Core Conference Presenter, Renal Transplant and Post-operative Management**, 1/18/12.
6. **SIU Department of Surgery Core Conference Presenter, Transplant Organs**, 4/5/12.
7. **SIU Emergency Medicine Resident Conference Presenter, Transplant Medicine**, 9/22/11. Transplant Patient – Chronic management and acute complications, 11/12/15.
8. **SIU Department of Medicine Grand Rounds Presenter, Pancreatic Transplant**, 9/13/11.
9. **SIU Department of Surgery Core Conference Presenter, Kidney Transplantation**, 8/12/10.
10. **SIU Department of Surgery Grand Rounds Presenter, Islet Replacement for Type I Diabetes Mellitus**, 10/14/10.
11. **University of Chicago Department of Surgery Student Core Clerkship Lecture Series, Kidney Transplantation**, Quarterly, 11/2004 – 5/ 2009.
12. **Development of a Clinical Research Program in Islet Transplantation**, at "*Integration and Innovation*," 2006 Clinical Research Symposium, Ida Noyes, 11/17/06.

13. Islet Transplantation, at The University of Chicago, Section of Endocrinology “Endorama” Clinical Case Conference, August 3, 2006.
14. Islet Transplantation, at The University of Chicago, GOR in-service meeting, February 23, 2005.
15. Pancreas and Islet Transplantation, in BIOS 25407 (“Organ Transplantation”), Winter Quarter, 2007 (February 13, 2007), Winter Quarter, 2005 (February 22, 2005) and Spring Quarter, 2003 (May 1, 2003).
16. Kidney Transplantation, Department of Surgery, Basic Science/Clinical Case Conference, February 4, 2004.
17. Everyday Cultural Competency in Medicine, presented by Salud, November 19, 2003.
18. Immune Protection—Providing a Safe Home, in MOLM 167-30001 (“The Making of a Pancreas”), Winter Quarter, 2003, February 19, 2003.
19. Generating Islet Beta Cells from Pancreatic Tissue, in MOLM 167-30001 (“The Making of a Pancreas”), Winter Quarter, 2003, January 29, 2003.
20. Renal transplantation: kidney-pancreas and islet cell transplantation, in Renal Fellows Lecture Series, January 23, 2002.
21. Renal transplantation: immediate post-operative management and complications, in Renal Fellows Lecture Series, January 16, 2002.

Skills Lab/ATLS Instructor

1. **SIU Medical School PGY 1 General Surgery Skills Lab**, Vascular Anastomosis, 7/29/10, 8/4/10, 8/12/11, 8/1/12, 7/31/13, 8/12/15, 7/25/16.
2. **Resident Conference Presenter**, ATLS Lecture, Musculoskeletal, 1/17/11.
3. **SIU Medical School PGY II Porcine Skills Lab**, Vascular Control, 1/20/11.
4. **Resident Conference Presenter**, ATLS Lecture, Thoracic Trauma, 6/15/11.
5. **Resident Conference Presenter**, ATLS Skills Station, Thoracostomy, 6/15/11.
6. **SIU Medical School PGY II-III General Surgery Skills Lab**, Lower Extremity/Vascular Control, 11/20/13, 8/12/15.
7. **Resident Conference Presenter**, ATLS Skills Station, Abdominal and Pelvic Trauma, 6/20/12, 1/28/14, 5/14/14.
8. **Resident Conference Presenter**, ATLS Instructor, Thermal Injuries, 10/17/12, 4/15/13, 6/24/15, 6/23/16.

9. **Resident Conference Presenter**, ATLS Instructor, Burns, 6/23/14.
10. **SIU Medical School PGY I General Surgery Skills Lab**, Laparoscopic Cholecystectomy, 2/24/16, 8/17/16.
11. **SIU Medical School PGY III-IV General Surgery Skills Lab**, Laparoscopic Splenectomy, 3/1/16.
12. **SIU Medical School PGY II-III General Surgery Skills Lab**, Open Cholecystectomy, 3/2/16.

MENTORSHIPS

Principal Investigator/Mentor to **Sean Pitroda** (Undergraduate student, Illinois Institute of Technology), in Howard Hughes Medical Institute Summer Research Fellowship at The University of Chicago, Summer Quarter, 2005.

Mentor to **Jason Wyman** (Ph.D. candidate, Department of Physics), in Burroughs-Wellcome Fund Interfaces Training Program, January, 2003 – December, 2004.

PROFESSIONAL POSITIONS HELD

Member, Board of Directors, Gift of Hope Organ and Tissue Donor Network, May, 2015 – present.

Member, Medical Advisory Committee, Gift of Hope Organ and Tissue Donor Network, October, 2010 – May, 2015.

Member, American Diabetes Association Research Grant Review Panel, January 31, 2006 – December 31, 2009.

Service Director for medical student teaching, Division of Transplantation, The University of Chicago, July 1, 2004 – May, 2009.

Vice-Chairman, The University of Chicago Institutional Review Board (Committee B: New Protocols and Amendments), July 1, 2007 – May 31, 2009.

Member, University of Chicago Cellular and Tissue Processing Facility Technical Oversight Committee, March, 2003 – May, 2009.

Member, University of Chicago G.O.R. Steering Committee, Feb. 2002 – May 31, 2009.

Member, Abstract Review Committee for Clinical: Islet—All Topics, American Transplant Congress, December, 2008.

Reviewer, Transplantation, 2008.

Chairman, Data Monitoring Committee of the Collaborative Islet Transplant Registry, NIH/Emmes Corporation, February 4, 2004 – February, 2008.

Member, Abstract Review Committee for Clinical: Islet—All Topics, American Transplant Congress, December, 2007.

Vice-Chairman, The University of Chicago Institutional Review Board (Committee C—Continuing Reviews), May 1, 2004 – June 30, 2007.

Member, The University of Chicago Department of Surgery Research Advisory Council, July – October, 2006.

Scientific Member, University of Chicago Institutional Review Board, New Submissions Committee “A,” August, 2002 – June, 2004.

Reviewer, The International Journal of Biochemistry and Cell Biology, April 2003.

Scientific Member, University of Chicago Institutional Review Board Annual Renewal Committee “C,” January 2002 – August, 2002.

PUBLICATIONS/ABSTRACTS/ACADEMIC PRESENTATIONS

1. McDow AD, Gurung A, Poola R, Fratianni C, **Garfinkel M**, Jakoby MG 4th. Portal Vein Thrombosis in the Setting of Newly Diagnosed Cushing’s Syndrome. J Investig Med High Impact Case Rep. 2017 Apr 10;5(2):2324709617703672. eCollection 2017 Apr-Jun.
2. Tehrani N, Ganai S, **Garfinkel M**. Oncologic adequacy of resection in elective versus emergency cases of colon cancer. Quick Shots Presentation, Academic Surgical Congress 2017, Las Vegas, Nevada, February 2-5, 2017.
3. Carriker A, Dyson N, Cathers M, Lunz J, West B, **Garfinkel M**, Ho S. Accelerated graft loss due to non-complement fixing donor-specific antibody against a single DP epitope. Human Immunology. 2016 Sep;77(Supplement):152. Abstract presented at The American Society for Histocompatibility and Immunogenetics: 42nd Annual Meeting Abstracts September 26 – 30, 2016 Hyatt Regency St. Louis at the Arch, St. Louis MO.
4. Tekin Z, **Garfinkel MR**, Chon WJ, Schenck L, Golab K, Savari O, Thistlethwaite JR, Philipson LH, Majewski C, Pannain S, Ramachandran S, Rezania K, Hariprasad SM, Millis JM, Witkowski P. Outcomes of Pancreatic Islet Allo-Transplantation Using the Edmonton Protocol at the University of Chicago. Transplant Direct. 2016 Sep 13;2(10):e105. eCollection 2016.
5. Gurung A, McDow A, Poola R, Fratianni CM, **Garfinkel M**, Jakoby MG. Too Much Cortisol May Make You Clot: Portal Vein Thrombosis As an Unusual Complication of Cushing’s Syndrome (Abstract FRI-465). Endocrine Reviews. 2016 Apr 37 (2-Supplement). Abstract presented at the Endocrine Society's 98th Annual Meeting and Expo, April 1, 2016, Boston MA.

6. Kadambi PV, Chon WJ, Josephson MA, Desai A, Thistlethwaite JR, Harland RC, Meehan SM, **Garfinkel MR**. Reuse of a previously transplanted kidney: does success come with a price? Clin Kidney J. 2012 Oct;5(5):434-437.
7. Barton FB, Rickels MR, Alejandro R, Hering BJ, Wease S, Naziruddin B, Oberholzer J, Odorico JS, **Garfinkel MR**, Levy M, Pattou F, Berney T, Secchi A, Messinger S, Senior PA, Maffi P, Posselt A, Stock PG, Kaufman DB, Luo X, Kandeel F, Cagliero E, Turgeon NA, Witkowski P, Naji A, O'Connell PJ, Greenbaum C, Kudva YC, Brayman KL, Aull MJ, Larsen C, Kay TW, Fernandez LA, Vantyghem MC, Bellin M, Shapiro AM. Improvements in Outcomes of Clinical Islet Transplantation: 1999-2010. Diabetes Care. 2012 Jul;35(7):1436-45.
8. Kim L, **Garfinkel MR**, Chang A, Kadambi PV, Meehan SM. Intragraft vascular occlusive sickle crisis with early renal allograft loss in occult sickle cell trait. Hum Pathol. 2011 Jul;42(7):1027-33.
9. Liu XY, Nothias JM, Scavone A, **Garfinkel M**, Millis JM. Biocompatibility investigation of polyethylene glycol and alginate-poly-L-lysine for islet encapsulation. ASAIO J. 2010 May-Jun;56(3):241-5.
10. Moya ML, **Garfinkel MR**, Liu X, Lucas S, Opara EC, Greisler HP, Brey EM. Fibroblast Growth Factor-1 (FGF-1) Loaded Microbeads Enhance Local Capillary Neovascularization. J Surg Res. 2010 May 15;160(2):208-12. * (presented at the Fourth Annual Academic Surgical Congress, Fort Meyers Florida, February, 2009)
11. Moya ML, Lucas S, Francis-Sedlak M, Liu X, **Garfinkel MR**, Huang JJ, Cheng MH, Opara EC, Brey EM. Sustained delivery of FGF-1 increases vascular density in comparison to bolus administration. Microvasc Res. 2009 Sep;78(2):142-7.
12. Alverdy JC, Prachand V, Flanagan B, Thistlethwaite WA, Siegler M, **Garfinkel M**, Angelos P, Agarwal S, Santry H. Bariatric surgery: a history of empiricism, a future in science. J Gastrointest Surg. 2009 Mar;13(3):465-77; published online November 13, 2008. Review.
13. Younes NA, Nothias JM, **Garfinkel MR**. Islet Transplantation: the quest for an ideal source. Ann Saudi Med. 2008 Sep-Oct;28(5):325-33. Review.
14. Harland RC, **Garfinkel MR**. Pancreas and Islet Transplantation, in Surgery: Basic Science and Clinical Evidence, Second Edition (Norton, J.A., Bollinger, R.R., et al., eds), Springer, New York, pp. 1773-1786, 2008.
15. **Garfinkel MR**. "Islet Transplantation and Beta Cell Replacement Therapy," (A.M. James Shapiro and James A.M. Shaw, eds.), JACS. 207(5): e7, 2008 (November). Book Review.
16. Losanoff JE, Reichman TW, **Garfinkel MR**, Testa G, Millis JM. Component separation to salvage a renal allograft. Transplantation. 2007 Feb 15;83(3):366-7.
17. Josephson MA, Gillen D, Javaid B, Kadambi P, Meehan S, Foster P, Harland R, Thistlethwaite RJ, **Garfinkel M**, Atwood W, Jordan J, Sadhu M, Millis MJ, Williams J. Treatment of renal allograft polyoma BK virus infection with leflunomide. Transplantation. 2006 Mar 15;81(5):704-10.

18. Pitroda S, Turturro M, Connors M, **Garfinkel M**, Hall C. Tissue factor and tissue factor pathway inhibitor activity in isolated human islets. Diabetes. 55 (Supplement 1), A445, 2006 (abstract 1930-P)*. Presented at the American Diabetes Association's 66th Scientific Sessions, June 11, 2006, Washington, D.C.
19. Kizilel S, Wyman JL, Zhao P, Connors M, Nagel S, Mrksich M, **Garfinkel MR**. Microencapsulation of pancreatic islets within GLP-1 functionalized poly(ethylene glycol) hydrogel. Diabetes. 55 (Supplement 1), A447, 2006 (abstract 1935-P)*. Presented at the American Diabetes Association's 66th Scientific Sessions, June 11, 2006, Washington, D.C.
20. Losanoff JE, Harland RC, Thistlethwaite JR, **Garfinkel MR**, Williams JW, Milner J, Millis JM. Omega jejuno-duodenal anastomosis for pancreas transplant. J Am Coll Surg. 2006 Jun;202(6):1021-4.
21. Pitroda S, Staniszewski K, Connors M, **Garfinkel M**, Hall C. Characterization of tissue factor expression in isolated human islets. Chicago Biological Investigator. 3(1): 30-33, 2005.
22. Kizilel S, **Garfinkel MR**, Opara EC. The Bioartificial Pancreas: Progress and Challenges. Diabetes Technology and Therapeutics. 7(6): 968-985, 2005 (December).
23. Williams JW, Javaid B, Kadambi PV, Gillen D, Harland R, Thistlewaite JR, **Garfinkel M**, Foster P, Atwood W, Millis JM, Meehan SM, Josephson MA. Leflunomide for Polyoma type BK nephropathy. N Engl J Med. 2005 Mar 17;352(11):1157-8.
24. Orvieto M, Chien GW, Harland R, **Garfinkel MR**, Galocy M, Shalhav AL. Bipolar electrocoagulation for clipless division of left renal vein branches during laparoscopic living donor nephrectomy. Transplant Proc. 2004 Nov;36(9):2625-7.
25. Zhao PX, Shen J, Skarbek R, Millis JM, **Garfinkel MR**. Dynamic assessment of oxygen content and isolation quality of pre-oxygenated solutions used for pancreatic preservation in islet transplantation. J of Surg Res. 121 (No. 2): 313 (abstract P22), 2004 (abstract)—presented at AAS, Houston, Texas, November, 2004.
26. Josephson M, Javaid B, Harland R, Poduval R, Kdadambi P, Foster P, **Garfinkel M**, Atwood W, Meehan S, Millis M, Williams J, Thistlethwaite D. Polyoma nephropathy: Leflunomide blood levels needed for control of this infection. Am J Transplantation. 4 (Supplement 8): 587 (abstract #1563), 2004 (abstract).
27. **Garfinkel MR**, Zhou P, Skarbek R. Dynamic assessment of oxygen content of PFC and UW solutions over time during 2-layer method of pancreas preservation. Am J Transplantation. 4 (Supplement 8): 240 (abstract #300), 2004 (abstract).*
28. **Garfinkel MR**, Connors M, Ostrega D, Jarosz J, Philipson L, Millis JM. Islet isolation under cGMP conditions: replacing the coil. Transplant Proc. 2004 May;36(4):1031-3, presented at the biannual meeting of the International Pancreas and Islet Transplantation Association, Dublin, Ireland, June, 2002. *

29. Khanna A, Gutmacher H, **Garfinkel M**, Cashman J, Hall K, Randall C, Greenburg M, Frankville D, Dohil R, Shapiro W, Taylor W, Wahlstrom E, Hassanein T, Nyhan W, Lavine J, Hart M. Early enteral feeding obviates the need for parenteral nutrition in pediatric liver transplant (OLT) patients. Ped Transplantation. 4 (Supp. No. 2): 76, 2000 (abstract).
30. Khanna A, Lavine J, Cashman J, **Garfinkel M**, Hall K, Frankville D, Randle C, Nyhan W, Wahlstrom E, Hassanein T, Hart M. First year evaluation of a new pediatric abdominal transplantation program at a major teaching hospital. Ped Transplantation. 4 (Supp. No. 2): 73, 2000 (abstract).
31. Littman ED, Pitchumoni S, **Garfinkel MR**, Opara EC. Role of protein kinase C isoenzymes in fatty acid stimulation of insulin secretion. Pancreas. 20: 256-63, 2000.
32. **Garfinkel MR**, Harland RC, Opara EC. Optimization of the microencapsulated islet for transplantation. J Surg Res. 76: 7-10, 1998.*
33. Pitchumoni S, **Garfinkel MR**, Littman ED, Opara EC. Reoxygenation injury affects isolated islet response to fatty acid stimulation. Metabolism. 1998 Jul;47(7):809-13.
34. **Garfinkel MR**, Yadav SS, Harland RC, Hatchell DL, Opara EC. Glutathione potentiates glucose-stimulated insulin secretion in isolated porcine islets. Faseb Journal. 11: A436, 1997 (abstract).*
35. Pitchumoni S, **Garfinkel M**, Ekeleme J, Opara EC. Glutathione treatment of isolated islets enhances fatty acid-stimulated insulin secretion. J Invest Med. 245: 254A, 1997 (abstract).
36. **Garfinkel MR**, Centers E, Westcott C, Eubanks WS. Minimally invasive surgery for achalasia: a case series. Surg Endosc. 11: 198, 1997 (abstract).*
37. **Garfinkel MR**, Ballard T, Opara EC. N-acetylcysteine reduces Intralipid-induced glutathione depletion. Gastroenterology. 110: A802, 1996 (abstract).*
38. **Garfinkel MR**, Farag A, Grant JP, Opara EC. On the mechanism of glutamine-mediated preservation of blood glucose regulation during intravenous lipid administration. Gastroenterology. 110: A1387, 1996 (abstract).*
39. **Garfinkel MR**, Farag A, Grant JP, Opara EC. Glutathione depletion: a risk factor for impaired glucose regulation. Faseb Journal. 10: A460, 1996 (abstract).*
40. Opara EC, **Garfinkel M**, Hubbard VS, Burch WM, Akwari OE. Effect of fatty acids on insulin release: role of chain length and degree of unsaturation. Am J Physiol. 1994 Apr;266(4 Pt 1):E635-9.
41. **Garfinkel M**, Lee S, Opara EC, Akwari OE. Insulinotropic Potency of Lauric Acid: A Metabolic Rationale for Medium-Chain Fatty Acids in TPN Formulations. J Surg Res. 1992 Apr;52(4):328-33. *
42. Opara EC, **Garfinkel M**, Burch WM, Akwari OE. L-Glutamine blocks essential fatty-acid induced desensitization of both pancreatic alpha and beta cell response to glucose. Surg Forum. 42: 18-21, 1991.

43. **Garfinkel M**, Opara EC, Akwari OE. Effect of long chain fatty acids on insulin release from islets. Clin Res. 39: 177A, 1991 (abstract).*

*** Personally presented at a national or international meeting.**

INVITED LECTURES (EXTRAMURAL)

1. "Frailty Assessment as a Predictor of Perioperative Risk in Transplant and General Surgery Patients," 66th Annual Meeting of the Illinois Chapter of the American College of Surgeons, Springfield, IL, May 20, 2016.
2. "A Clinical Update on Islet Transplantation," Annual Meeting of the Ohio River Regional Chapter of the American Association for Clinical Endocrinology," Pittsburgh, PA, July 24, 2009.
3. "Bioartificial pancreas: clinical perspectives," lecture in History 380-01 (Paul Fagette, Ph.D., course organizer): "History of 20th Century Medical Technology: Artificial Organs," at the Illinois Institute of Technology, Chicago, IL, April 28, 2004, April 20, 2005, and April 30, 2008.
4. "Islet Transplantation: Laboratory and Clinical Features," Keynote Address at the Second Annual All School Research Consortium, Rosalind Franklin University, North Chicago, IL, March 14, 2007.
5. "Fungal infections in the changing hospital environment," Pfizer Medical Education Program, Ambria, Chicago, IL, November 13, 2006.
6. "Pancreas and islet transplantation for type I diabetes mellitus," Summer Research Experience for Undergraduates at the Illinois Institute of Technology (Director: Eric M. Brey, Ph.D.), Chicago, IL, August 4, 2006.
7. "Microencapsulation of islets by selective withdrawal," American Diabetes Association Islet Cell Summit, Ritz-Carlton Hotel, Chicago, IL April 8, 2005.
8. "Minimally Invasive Surgery in Renal Failure and Diabetes," Chicago Medical Society: 2005 Midwest Clinical Conference Series, Palmer Hilton Hotel, Chicago, IL, March 23, 2005.
9. "Research Update," American Diabetes Association Community Volunteer Leadership Conference, Westin O'Hare, Chicago, IL, November 21, 2004.
10. "Current Trends in Pancreas and Islet Transplantation," CIGNA LifeSOURCE, Pittsburgh, PA, April 24, 2004, also given at Monthly meeting of Diabetes Educators of Chicago, a Chapter of the American Association Diabetic Educators (DECAADE), May 20, 2004.
11. "Kidney-Pancreas and Islet Transplantation," Weekly Staff Conference, Family Care Centers, Dyer Indiana, April 12, 2004.

12. Invited workshop participant, NIH Conference: "Immunobarriers for Pancreatic Islet Transplantation," The Embassy Suites Hotel at the Chevy Chase Pavilion, Washington, D.C., March 29-30, 2004.
13. "Islet Microencapsulation by Inverted Selective Withdrawal," (presented as a poster), NIH Conference: "Immunobarriers for Pancreatic Islet Transplantation," The Embassy Suites Hotel at the Chevy Chase Pavilion, Washington, D.C., March 29-30, 2004.
14. "Islets, Pancreas, and Kidney: What to Transplant, in Whom, and When," Diabetes 2002: An Update for Clinicians (U of C Section of Endocrinology CME event), The Ritz Carlton Hotel, Chicago, IL, December 14, 2002.
15. "Islet Transplantation: a Brief Update," at Midwest Research Nursing Society Annual Meeting, Chicago, IL, March 1, 2002.

May 2017