

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Freeman, Richard B.		POSITION TITLE	
eRA COMMONS USER NAME rbfreeman		Chair, Department of Surgery William N. and Bessie Allyn Professor of Surgery	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Franklin & Marshall College, Lancaster, PA	B.A.	1979	Biology
Jefferson Medical College, Philadelphia, PA	M.D.	1983	Medicine

A. Personal Statement

For twenty years, I have focused on transplant outcomes research and developing patient-centered, evidence-based policy for organ allocation in the US. Increasingly I have realized, as all health care resources become more constrained, that the methods used and lessons learned in the transplantation work are applicable in all of Medicine and especially in Surgery. For surgery's role to be correctly defined in an accountable care world, we must train Surgeon scientists skilled in evidence based inquiry in order to adequately inform the shared decision-making processes around surgical care of the future. I look forward to encouraging my faculty to participating in the Center for Surgical Innovation because the investigations that can take place within the Advanced Surgical Center can impact device and interventional innovation, but also the safe and cost-effective practice of surgery.

Positions and Honors

2010-present Chair, Department of Surgery and William N. and Bessie Allyn Professor of Surgery, Dartmouth-Hitchcock Medical Center
2008-09 Vice Chair for Research and Director of Surgical Research Labs
2004-09 Professor of Surgery, Tufts University School of Medicine
1997-04 Associate Professor of Surgery, Tufts University School of Medicine
1990-97 Assistant Professor of Surgery, Tufts University School of Medicine
1989-90 Henry Fellow in Transplantation, Harvard Surgical Service, New England Deaconess Hospital, Boston, MA
1986-87 Instructor in Surgery, Aberdeen University, Aberdeen, Scotland
1983-90 Clinical Fellow in Surgery, Harvard Medical School

HONORS (from 25)

2009 Rising Star mentorship Award, International Liver transplant Society
2009 Best Doctors in America Award 2009-2010
2008 Excellence in Teach, Surgery, TUSM Class of 2009
2008 Best Doctors in America Award 2007-2008
2007 Best Doctors in America Award 2006-2007
2006 America's Top Surgeons
2005 Best Doctors in America Award 2005-2006
2003 International Health Professional of the Year

PROFESSIONAL COMMITTEES (from 62)

2007- Board of Directors Transplant Informatics Institute
2007- American Society of Transplant Surgeons Council Member/Chair Legislative Committee
2006- Chairman, Board of Trustees, New England Organ Bank
2006-2008 UNOS/OPTN Board of Directors, at Large Member
2006-2008 UNOS/OPTN Executive Committee, at Large Member

2006- Associate Editor, *American Journal of Transplantation*
 2005-2006 HSS Secretaries Advisory Committee on Transplantation
 2004-2005 Section Chair Donation and Allocation, American Transplant Congress Program Review
 2003 Organizing Committee NIH Conference "Evolving Concepts in Liver Allocation"
 2003-2006 Chairman American Society of Transplant Surgeons, Professional Standards Committee
 2002-2005 Member UNOS/OPTN Ad Hoc Living Donor Committee
 2001-2005 Member Data Working Group Liaison Committee, UNOS/OPTN/SRTR/HRSA, DOT
 2001- Associate Editor, *Liver Transplantation*
 2000-2003 Chairman UNOS/OPTN Liver and Intestine Transplantation Committee
 1999-2000 Vice Chairman UNOS/OPTN Liver and Intestine Transplantation Committee
 1999-2003 Chairman UNOS/OPTN Alternative Allocation Units Committee
 1998-2003 Chairman, UNOS/OPTN Subcommittee for Department of Health and Human Services Relations

B. Selected peer-reviewed publications (from a total of 188)

1. **Freeman, R.B.**, Giatras, I., Falagas, M.E., Supran, S., O' Connor, K., Bradley J., Snyderman, D.R., Delmonico, F.L. Outcome of transplantation of organs procured from bacteremic donors. *Transplantation* 1999; 68:1107-111.
2. Sahoo, S., Kang, S., Supran, S., Saloman, R., Wolfe. H.A., **Freeman, R. B.** Tumor Necrosis Factor (TNF) Genetic Polymorphisms Correlate With Infections After Renal Transplantation. *Transplantation* 2000, 69:880-4
3. Gandhi, N., Goldman, D., Kahan, D., Supran, S., Saloman, R., Delmonico, F. O' Connor, K., and **Freeman, R.** Donor cytokine gene polymorphisms are associated with increased graft loss and dysfunction after transplant. *Transplant Proc* 2001; 33:827-8.
4. **Freeman, RB**, Harper AM, Edwards EB. Redrawing organ distribution boundaries: results of a computer simulated analysis for liver transplantation. *Liver Transplantation* 2002; 8:659-66..
5. Jaber BL, Rao M, Guo D, Balakrishnan VS, Perianayagam MC, **Freeman RB**, Pereira BJG. Cytokine promoter gene polymorphisms and mortality in acute renal failure. *Cytokine* 2004; 25:212-219
6. Balakrishnan Vs, Gua D, Rao M, Jaber BL, Tighiouart H, **Freeman RB**, Huang C, King AJ, Perriera BJG. Cytokine gene polymorphisms in hemodialysis patients: Association with comorbidity, functionality, and serum albumin. *Kidney International*, 2004; 65:1449-60.
7. **Freeman RB**, Weisner RH, Harper A, McDairmid SV, Lake J, Edwards E B, Merion R, Wolfe R, Turcotte J, and Teperman, L. The New Liver Allocation System: moving towards evidence-based transplantation policy, *Liver Transplantation* 2002; 8:851-858
8. Wiesner RH, Edwards EB, **Freeman RB**, Harper A, Kim R, Kamath P, Kremers W, Lake J, Howard T, Krom R. Model for end stage liver disease (MELD) and allocation of donor livers. *Gastroenterology* 2003; 124:91-96
9. Roberts JP, Brown RS, Edwards EB, Farmer DG, **Freeman RB**, Wiesner RH, and Merion RM. SRTR Report on the state of transplantation: Liver an intestinal transplantation. *Amer. J of Transplantation*, 2003; 3suppl 4:78-90.
10. Emond JC, **Freeman RB**, Renz JF, Yersiz H, Rogiers X, Busuttill RW. Optimizing the use of donated cadaver livers: Analysis and policy development to increase the application of split-liver transplantation. *Liver Transplantation*, 2002; 8:863-72.
11. Angelis, MA, Cooper JT, **Freeman RB**. Impact of donor infection on outcome of orthotopic liver transplantation. *Liver Transplantation* 2003; 9:451-62.
12. **Freeman RB**, The impact of the model for end stage liver disease on recipient selection for adult living liver donation. *Liver Transplantation* 2003; 9 (Suppl 2):54-9.
13. **Freeman RB**, Wiesner RH, Harper A, Edwards EB, Merion RB, Wolfe R. Results of the first year of the new liver allocation plan. *Liver Transplantation* 2004; 10:7-15.
14. **Freeman, RB**, Steffick D, Guidinger M, Farmer D, Berg C, Merion RM. Liver and intestine transplantation in the united states, 1997-2006. *American J of Transplant* 2008; 8:(Suppl2) 958-976.
15. **Freeman RB**, Jamieson NV, Schaubel DA, Porte RJ, Villamil FR. Who should get the liver graft? *J Hepatology*; 2009; 50:664–673.
16. Pomfret EA, Washburn K, Wald C, Nalesnik MA, Douglas D, Russo M, Roberts J, Reich DJ, Schwartz ME, Miele L, Lee FT, Florman S, Yao F, Harper A, Edwards E, **Freeman R**, Lake J Report of a national conference on liver allocation in patients with hepatocellular carcinoma in the United States. *Liver Transpl.* 2010 Mar;16(3):262-78.

17. Bandara M, Gordon FD, Sarwar A, Knauff ME, Pomfret EA, **Freeman RB**, Wirth JA. Successful outcomes following living donor liver transplantation for portopulmonary hypertension. *Liver Transpl.* 2010 Aug;16(8):983-9.
18. Canter RJ, Patel SA, Kennedy T, D'angelica MI, Jarnagin WR, Fong Y, Blumgart LH, **Freeman RB**, Dematteo RP, Abt PL Comparative Analysis of Outcome in Patients With Hepatocellular Carcinoma Exceeding the Milan Criteria Treated With Liver Transplantation Versus Partial Hepatectomy. *Am J Clin Oncol.* 2010 Oct 8
19. Humar A, Morris M, Blumberg E, **Freeman R**, Preiksaitis J, Kiberd B, Schweitzer E, Ganz S, Caliendo A, Orlowski JP, Wilson B, Kotton C, Michaels M, Kleinman S, Geier S, Murphy B, Green M, Levi M, Knoll G, Segev D, Brubaker S, Hasz R, Lebovitz DJ, Mulligan D, O'Connor K, Pruett T, Mozes M, Lee I, Delmonico F, Fischer S. Nucleic acid testing (NAT) of organ donors: is the 'best' test the right test? A consensus conference report. *Am J Transplant.* 2010 Apr;10(4):889-99
20. Rhee JY, Ruthazer R, O'Connor K, Delmonico FL, Lusk RS, **Freeman RB**. The impact of variation in donation after cardiac death policies among donor hospitals: a regional analysis. *Am J Transplant.* 2011 Aug;11(8):1719-26.
21. Prasad KR, Young RS, Burra P, Zheng SS, Mazzaferro V, Moon D, **Freeman RB**. Summary of candidate selection and expanded criteria for liver transplantation for HCC: A review and consensus statement from the 2010 international consensus conference on liver transplantation for hepatocellular carcinoma. *Liver Transpl.* 2011
22. Siparsky N, Axelrod DA, **Freeman RB**. *Donor Liver Distribution in Medical Care of the Liver Transplant Patient*, 2nd Edition, Clavien PA and Killinberg PG eds. (2011) Blackwell Oxford, UK
42. **Freeman RB**, Selection and timing of liver transplantation. In *Shiff's Diseases of The Liver*, 11th Edition, Shiff, EG and Sorrell M eds. (2011) Lippincott Williams Wilkins, Philadelphia PA.
42. **Freeman RB** Small steps versus big leaps in changing liver distribution policy. *Liver Transpl.* 2011; 7(9):991-2.
43. **Freeman RB** Jr. Variation in health care delivery: the example of exception awards in liver transplantation. *Am J Transplant.* 2011 Nov;11(11):2271-2.

C. Research Support

Ongoing Support

R21 CA131856-01 Freeman (PI)

04/09-03/12

NIDDK

Liver Transplantation for Hepatocellular Carcinoma

The goal of this study is to combine the National Organ Procurement and Transplantation database with detailed pathology of over 3000 cases to assess the long term efficacy of liver transplantation and ablative techniques on the outcome of liver transplantation for patients with hepatocellular carcinoma.

Completed Projects

R21 DK68305-01 Freeman (PI)

07/04-06/06

NIDDK

Liver Transplantation for Hepatocellular Carcinoma

The goal of this study is to use the National Organ Procurement and Transplantation database to assess the efficacy of liver transplantation and ablative techniques on the outcome of liver transplantation for patients with hepatocellular carcinoma.