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Assistant Professor of Medicine

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Active Projects:

- Bias in retransplantation survival models: Selection criteria and hepatitis C virus
- Impact of HCV treatment in advanced recurrent liver disease after liver transplantation
- Evaluation of quality of life changes associated with retransplantation

Techniques in Use:

- Survival models
- prospective and retrospective observational studies
- quality of life measures.

Education

- University of California, Los Angeles, CA, B.S., 1994, Chemical Engineering
- University of Southern California, Los Angeles, CA, M.D., 1999, Medicine

Training

- Oregon Health Sciences University, Portland, OR, Residency, 2002, Internal Medicine
- University of California, San Francisco, CA, Fellowship, 2005, Gastroenterology
- University of California, San Francisco, CA, M.A.S., 2006, Clinical Research

Certification

- Internal Medicine and Gastroenterology

Memberships and Affiliations

- 2003-Present Member, American Gastroenterology Association
- 2004-Present Member, American Association for the Study of Liver Diseases (AASLD)
- 2005-Present Member, American Society of Transplantation AST
- Member, Enduring Materials Committee, AASLD
- 2005-Present Member, UCSF Liver Center
- 2007-Present Member, Liver & Intestine Transplantation Committee United Network for Organ Sharing

Selected Publications

- Yoshida S, **Biggins SW**, Ravikumar KV, Frederking THK. Characteristics of an "Overload Component" for prototype superconducting tokamak magnets. *IEEE Transactions in Applied Superconductivity* 5:1 (1995).
- Dixit V, **Biggins SW**, Gitnick G. Microencapsulated hepatocytes as a component of a bioartificial liver. *Proceed. Intern. Symp Control. Rel Bioact. Mater.* 23:8-10 (1996).
- **Biggins SW**, Rodriguez H, Bacchetti P, Bass N, Roberts JP, Terrault NA. Serum sodium predicts mortality in patients listed for liver transplantation. *Hepatology* 41(1): 32-39 (2005).
- **Biggins SW**. (2005). Gastroenterology and Hepatology. Chapter in: *First Aid for the Internal Medicine Boards*. Le T, Baudendistel T, Chin-Hong P, Rubinson L (ed). McGraw-Hill Medical: 1088.
- **Biggins SW**, Terrault NA. (2006). Treatment of recurrent viral hepatitis after liver transplantation. Chapter in: *Comprehensive Clinical Hepatology*. Bacon B, O'Grady J, DiBisceglie A, Lake J (ed). Elsevier: 744.
- **Biggins SW**, Kim WR, Terrault N, Saab S, Balan V, Schiano T, Benson J, Therneau T, Kremers W, Wiesner R, Kamath P, Klintmalm G. Evidence-based incorporation of serum sodium concentration into MELD *Gastroenterology* 130(6):1652-1660 (2006).
- McCashland T, Watt K, Lyden E, Adams L, Charlton M, Smith AD, McGuire BM, **Biggins SW**, Neff G, Burton JR, Vargas H, Donovan J, Trotter J, Faust T. Retransplantation for hepatitis C: Results of a U.S. multicenter retransplant study., *Liver Transpl* 13: 1246-1253, (2007).
- Kim WR, **Biggins SW**, Kremers WK, Wiesner RH, Kamath PS, Benson JT, Edwards E, Therneau TM. Hyponatremia and Mortality among Patients on the Liver Transplant Waiting List. *N Engl J Med* 359: 1018-26, (2008).
- Guy J, **Somsouk M**, Shiboski S, Kerlan R, Inadomi JM, Biggins SW. New Model for End Stage Liver Disease Improves Prognostic Capability After Transjugular Intrahepatic Portosystemic Shunt. *Clinical Gastroenterology and Hepatology*, June 26, 2009.
- **Somsouk M**, Yee HF, Biggins SW. Understanding Liver Health Using the National Center for Health Statistics. *Digestive Diseases and Sciences*, May 8, 2009.
- **Somsouk M**, Guy J, Biggins SW, Kohn MA, Vittinghoff E, Inadomi JM. Ascites Improves upon Serum Sodium and MELD for Predicting Mortality in Patients with Advanced Liver Disease. *Alimentary Pharmacology and Therapeutics* 30(7):741-8, 2009
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