

Stanford



Margaret Stedman

Sr Research Engineer, Medicine - Med/Nephrology

Bio

CURRENT ROLE AT STANFORD

Senior Staff Biostatistician

Associate Director of Biostatistics: Transplant

Chair, Kidney Clinical Research Conference

Chair, Transplant Clinical Research Conference

EDUCATION AND CERTIFICATIONS

- MPH, Boston University , Epidemiology/ Biostatistics (2000)
- Ph.D, Boston University , Biostatistics (2009)

Professional

WORK EXPERIENCE

- Mathematical Statistician - NIH/ NCI/ DCCPS/ SRP (6/2011 - 7/2015)
- Post Doctoral Research Fellow - Harvard University Medical School (2010 - 2011)
- Biostatistician/ Programmer - Brigham & Women's Hospital (2005 - 2010)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Member, American Statistical Association (1998 - present)
- Chair, Quantitative Staff Network (2023 - 2025)
- Chair, ASA Consulting Section Pathways to Promotion Committee (2021 - 2025)
- Chair-Elect, ASA Consulting Section (2026 - 2026)
- Member at Large, ASA Consulting Section (2023 - 2025)

Publications

PUBLICATIONS

- **Balancing Days at Home and Major Adverse Limb Events After Surgical Versus Endovascular Lower-Extremity Revascularization in Chronic Kidney Disease.** *Journal of the American Heart Association*
Chang, T. I., Parvathinathan, G., Liu, S., Lee, J. Y., Etemadi, A., Arya, S., Stedman, M. R.
2026: e048230
- **Pre-existing influenza antibodies, younger age, and increased CD4 TE+EM predict influenza vaccination responses in transplant recipients.** *Human immunology*

- Rollenhagen, C., Parvathinathan, G., Stedman, M. R., Chalasani, G., Birdwell, K. A., Sanders, M. L., Ramkumar, M., Higdon, L. E., Ye, N., Santos, J. J., Hensley, S. E., Maltzman, J. S.
2026; 87 (5): 111721
- **Trends in End-Stage Kidney Disease Due to Reflux Nephropathy in Children and Young Adults.** *Pediatrics*
Wolf, A. J., Liu, S., Stedman, M., Grimm, P., Chaudhuri, A., Hains, D. S., Starr, M. C., Kan, K., Sutherland, S. M., Schroeder, A. R.
2026
 - **Kidney Function after Hematopoietic Cell Transplantation with Orca-T, Cyclophosphamide or Methotrexate GvHD Prophylaxis: a single-center retrospective study.** *Transplantation and cellular therapy*
Ziolkowski, S., Villar-Prados, A., Parvathinathan, G., Okabuonye, N., Reddy, S. T., Johnston, L., Arai, S., Stedman, M., Anand, S., Meyer, E.
2025
 - **KIDNEY FUNCTION IN ALLOGENIC HEMATOPOIETIC CELL TRANSPLANT RECIPIENTS TREATED WITH ORCA-T GVHD PROPHYLAXIS COMPARED TO POST TRANSPLANT CYCLOPHOSPHAMIDE OR METHOTREXATE**
Ziolkowski, S., Villar-Prados, A., Parvathinathan, G., Okabuonye, N., Johnston, L., Arai, S., Stedman, M., Anand, S., Meyer, E.
W B SAUNDERS CO-ELSEVIER INC.2025
 - **Identifying peripheral artery disease in persons with and without chronic kidney disease from electronic health records.** *Vascular medicine (London, England)*
Parsons, G. R., Parvathinathan, G., Etemadi, A., Liu, S., Ross, E., Jones, W. S., Stedman, M. R., Chang, T. I.
2025: 1358863X251322182
 - **Estimating the Benefit of Transplant Over Dialysis in Candidates Over 55 Years.** *Kidney360*
Stedman, M. R., Ahearn, P. C., Liu, C. K., Chertow, G. M., Tan, J. C.
2025
 - **Identifying Peripheral Artery Disease in Persons with and without CKD from Electronic Health Records**
Parsons, G., Parvathinathan, G., Stedman, M. R., Chang, T. I.
AMER SOC NEPHROLOGY.2024
 - **Empowering collaborative statisticians: The impact of the American Statistical Association's Pathways to Promotion Committee** *STAT*
Stedman, M. R., Dehom, S., Davidson, M. A., Zhang, L., Podolsky, R. H., Pohlig, R. T., Coffey, T.
2024; 13 (3)
 - **Physical function and mortality in older adults with chronic kidney disease.** *Clinical journal of the American Society of Nephrology : CJASN*
Liu, C. K., Parvathinathan, G., Stedman, M. R., Seliger, S. L., Weiner, D. E., Tamura, M. K.
2024
 - **Immunologic Benefits of 0-antigen Mismatched Transplants: No Added Boost for Racial and Ethnic Minorities.** *Transplantation direct*
Caldwell, J. S., Parvathinathan, G., Stedman, M. R., Ahearn, P., Tan, J. C., Cheng, X. S.
2024; 10 (7): e1653
 - **Endovascular versus Surgical Lower Extremity Revascularization among Patients with Chronic Kidney Disease.** *International journal of nephrology*
Chen, Q., Han, J., Parvathinathan, G., Ross, E., Stedman, M. R., Chang, T. I.
2023; 2023: 5586060
 - **"Diving in the deep-end and swimming": a mixed methods study using normalization process theory to evaluate a learning collaborative approach for the implementation of palliative care practices in hemodialysis centers.** *BMC health services research*
Holdsworth, L. M., Stedman, M., Gustafsson, E. S., Han, J., Asch, S. M., Harbert, G., Lorenz, K. A., Lupu, D. E., Malcolm, E., Moss, A. H., Nicklas, A., Tamura, M. K.
2023; 23 (1): 1384
 - **Using Relative Survival to Estimate the Burden of Kidney Failure.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
Stedman, M. R., Tamura, M. K., Chertow, G. M.
2023
 - **Association of Pretransplant Coronary Heart Disease Testing With Early Kidney Transplant Outcomes.** *JAMA internal medicine*
Cheng, X. S., Liu, S., Han, J., Stedman, M. R., Baiocchi, M., Tan, J. C., Chertow, G. M., Fearon, W. F.

2023

- **Advice for isolated statisticians collaborating in academic healthcare centre settings** *STAT*
Mehta, C., Stedman, M. R. R., Rao, S. R. R., Podolsky, R.
2022; 11 (1)
- **National Imaging Trends for Suspected Urinary Stone Disease in the Emergency Department.** *JAMA internal medicine*
Ganesan, C., Stedman, M. R., Liu, S., Conti, S. L., Chertow, G. M., Leppert, J. T., Pao, A. C.
2022
- **APOL1 G3 Variant Is Associated with Cardiovascular Mortality and Sudden Cardiac Death in Patients Receiving Maintenance Hemodialysis of European Ancestry.** *Cardiorenal medicine*
Schwantes-An, T., Robinson-Cohen, C., Liu, S., Zheng, N., Stedman, M., Wetherill, L., Edenberg, H. J., Vatta, M., Foroud, T. M., Chertow, G. M., Moe, S. M.
2022: 1-7
- **Testosterone concentrations and outcomes in hemodialysis patients of the EVOLVE trial.** *Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association*
Nilsson, E., Stenvinkel, P., Liu, S., Stedman, M. R., Chertow, G. M., Floege, J.
2022
- **Implementation and Effectiveness of a Learning Collaborative to Improve Palliative Care for Seriously Ill Hemodialysis Patients.** *Clinical journal of the American Society of Nephrology : CJASN*
Kurella Tamura, M., Holdsworth, L., Stedman, M., Aldous, A., Asch, S. M., Han, J., Harbert, G., Lorenz, K. A., Malcolm, E., Nicklas, A., Moss, A. H., Lupu, D. E.
2022
- **Trends in Coronary Artery Disease Screening before Kidney Transplantation.** *Kidney360*
Cheng, X. S., Liu, S., Han, J., Stedman, M. R., Chertow, G. M., Tan, J. C., Fearon, W. F.
2022; 3 (3): 516-523
- **Racial Disparities in Pediatric Kidney Transplantation under the New Kidney Allocation System in the United States.** *Clinical journal of the American Society of Nephrology : CJASN*
Krissberg, J., Kaufmann, M., Gupta, A., Bendavid, E., Stedman, M., Cheng, X., Tan, J., Grimm, P., Chaudhuri, A.
2021
- **Intensive Blood Pressure Control and Diabetes Mellitus-Related Limb Events in Patients With Type 2 Diabetes Mellitus: Reanalysis of ACCORD.** *Journal of the American Heart Association*
Tran, K., Stedman, M., Chang, T. I.
2021: e021407
- **Karnofsky Performance Score-Failure to Thrive as a Frailty Proxy?** *Transplantation direct*
Stedman, M. R., Watford, D. J., Chertow, G. M., Tan, J. C.
2021; 7 (7): e708
- **Performance versus Risk Factor-Based Approaches to Coronary Artery Disease Screening in Waitlisted Kidney Transplant Candidates.** *Cardiorenal medicine*
Cheng, X. S., Watford, D. J., Arashi, H., Stedman, M. R., Chertow, G. M., Tan, J. C., Fearon, W. F.
2021: 1-11
- **And Then There Were Three: Effects of Pretransplant Dialysis on Multiorgan Transplantation.** *Transplantation direct*
Cheng, X. S., Han, J., Stedman, M. R., Chertow, G. M., Tan, J. C.
2021; 7 (2): e657
- **Documentation of Reproductive Health Counseling Among Women With CKD: A Retrospective Chart Review.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
Okundaye, I. O., Stedman, M. R., Rhee, J. J., O'Shaughnessy, M., Lafayette, R. A.
2021
- **Factors Associated With Failure to Achieve the Intensive Blood Pressure Target in the Systolic Blood Pressure Intervention Trial (SPRINT).** *Hypertension (Dallas, Tex. : 1979)*
Wang, K. M., Stedman, M. R., Chertow, G. M., Chang, T. I.

2020: HYPERTENSIONAHA12016155

- **Screening Rates for Primary Aldosteronism in Resistant Hypertension: A Cohort Study.** *Hypertension (Dallas, Tex. : 1979)*
Jaffe, G., Gray, Z., Krishnan, G., Stedman, M., Zheng, Y., Han, J., Chertow, G. M., Leppert, J. T., Bhalla, V.
2020: HYPERTENSIONAHA11914359
- **Physical Performance Testing in Kidney Transplant Candidates at the Top of the Waitlist.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
Cheng, X. S., Myers, J. n., Han, J. n., Stedman, M. R., Watford, D. J., Lee, J. n., Discipulo, K. V., Chan, K. N., Chertow, G. M., Tan, J. C.
2020
- **Toward telemedicine-compatible physical functioning assessments in kidney transplant candidates.** *Clinical transplantation*
Watford, D. J., Cheng, X. S., Han, J. n., Stedman, M. R., Chertow, G. M., Tan, J. C.
2020: e14173
- **Impact of Pretransplant Donor BK Viruria in Kidney Transplant Recipients** *JOURNAL OF INFECTIOUS DISEASES*
Tan, S. K., Huang, C., Sahoo, M. K., Weber, J., Kurzer, J., Stedman, M. R., Concepcion, W., Gallo, A. E., Alonso, D., Srinivas, T., Storch, G. A., Subramanian, A. K., Tan, et al
2019; 220 (3): 370–76
- **Impact of Pre-Transplant Donor BK Viruria in Kidney Transplant Recipients.** *The Journal of infectious diseases*
Tan, S. K., Huang, C., Sahoo, M. K., Weber, J., Kurzer, J., Stedman, M. R., Concepcion, W., Gallo, A. E., Alonso, D., Srinivas, T., Storch, G. A., Subramanian, A. K., Tan, et al
2019
- **Trimethylamine N-Oxide and Cardiovascular Outcomes in Patients with ESKD Receiving Maintenance Hemodialysis** *CLINICAL JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
Stubbs, J. R., Stedman, M. R., Liu, S., Long, J., Franchetti, Y., West, R. E., Prokopienko, A. J., Mahnken, J. D., Chertow, G. M., Nolin, T. D.
2019; 14 (2): 261–67
- **Fibroblast Growth Factor 23 Genotype and Cardiovascular Disease in Patients Undergoing Hemodialysis.** *American journal of nephrology*
Schwantes-An, T., Liu, S., Stedman, M., Decker, B. S., Wetherill, L., Edenberg, H. J., Vatta, M., Foroud, T. M., Chertow, G. M., Moe, S. M.
2019; 49 (2): 125–32
- **Trimethylamine N-Oxide and Cardiovascular Outcomes in Patients with End-stage Kidney Disease Receiving Maintenance Hemodialysis.** *Clinical journal of the American Society of Nephrology : CJASN*
Stubbs, J. R., Stedman, M. R., Liu, S., Long, J., Franchetti, Y., West, R. E., Prokopienko, A. J., Mahnken, J. D., Chertow, G. M., Nolin, T. D.
2019
- **Fibroblast Growth Factor 23 Genotype and Cardiovascular Disease in Patients Undergoing Hemodialysis** *AMERICAN JOURNAL OF NEPHROLOGY*
Schwantes-An, T., Liu, S., Stedman, M., Decker, B. S., Wetherill, L., Edenberg, H. J., Vatta, M., Foroud, T. M., Chertow, G. M., Moe, S. M.
2019; 49 (2): 125–32
- **Longitudinal Changes in Kidney Function Following Heart Transplantation: Stanford Experience.** *Clinical transplantation*
Taiwo, A., Khush, K., Stedman, M. R., Zheng, Y., Tan, J. C.
2018: e13414
- **Education in consultation: A comparative survey-based assessment of perceived educational effectiveness within a university and community-based internal medicine residency.** *MedEdPublish (2016)*
Rope, R., Merrell, S. B., Stedman, M., Young, B.
2017; 6: 153
- **Screening Rates for the Diagnostic Workup of Resistant Hypertension**
Jaffe, G. M., Krishnan, G., Stedman, M., Chertow, G. M., Leppert, J. T., Bhalla, V.
LIPPINCOTT WILLIAMS & WILKINS.2017
- **Utility in Treating Kidney Failure in End-Stage Liver Disease With Simultaneous Liver-Kidney Transplantation** *TRANSPLANTATION*
Cheng, X. S., Stedman, M. R., Chertow, G. M., Kim, W. R., Tan, J. C.
2017; 101 (5): 1111-1119

- **Current estimates of the cure fraction: a feasibility study of statistical cure for breast and colorectal cancer.** *Journal of the National Cancer Institute. Monographs*
Stedman, M. R., Feuer, E. J., Mariotto, A. B.
2014; 2014 (49): 244-254
- **Adolescent and young adult cancer survival.** *Journal of the National Cancer Institute. Monographs*
Lewis, D. R., Seibel, N. L., Smith, A. W., Stedman, M. R.
2014; 2014 (49): 228-235
- **A comparison of statistical approaches for physician-randomized trials with survival outcomes** *CONTEMPORARY CLINICAL TRIALS*
Stedman, M. R., Lew, R. A., Losina, E., Gagnon, D. R., Solomon, D. H., Brookhart, M. A.
2012; 33 (1): 104-115
- **Meta-analyses involving cross-over trials: methodological issues** *INTERNATIONAL JOURNAL OF EPIDEMIOLOGY*
Stedman, M. R., Curtin, F., Elbourne, D. R., Kesselheim, A. S., Brookhart, M. A.
2011; 40 (6): 1732-1734
- **A SAS macro for a clustered logrank test** *COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE*
Stedman, M. R., Gagnon, D. R., Lew, R. A., Jung, S., Losina, E., Brookhart, M. A.
2011; 104 (2): 266-270
- **Guideline-conformity of initiation with oral hypoglycemic treatment for patients with newly therapy-dependent type 2 diabetes mellitus in Austria** *PHARMACOEPIDEMIOLOGY AND DRUG SAFETY*
Winkelmayer, W. C., Stedman, M. R., Pogantsch, M., Wieninger, P., Bucsics, A., Asslaber, M., Bauer, R., Burkhardt, T., Schautzer, A., Brookhart, M. A.
2011; 20 (1): 57-65
- **Evaluation of Guideline-Conformity of Initiation of Oral Hypoglycemic Treatment for Incident Diabetes Mellitus Type 2 in Austria**
Winkelmayer, W. C., Stedman, M. R., Pogantsch, M., Wieninger, P., Bucsics, A., Brookhart, A.
WILEY-BLACKWELL.2010: S54
- **Primary Medication Non-Adherence: Analysis of 195,930 Electronic Prescriptions** *JOURNAL OF GENERAL INTERNAL MEDICINE*
Fischer, M. A., Stedman, M. R., Lii, J., Vogeli, C., Shrank, W. H., Brookhart, M. A., Weissman, J. S.
2010; 25 (4): 284-290
- **A SAS macro for a clustered permutation test** *COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE*
Stedman, M. R., Gagnon, D. R., Lew, R. A., Solomon, D. H., Losina, E., Brookhart, M. A.
2009; 95 (1): 89-94
- **The Relationship Between Focal Erosions and Generalized Osteoporosis in Postmenopausal Women With Rheumatoid Arthritis** *ARTHRITIS AND RHEUMATISM*
Solomon, D. H., Finkelstein, J. S., Shadick, N., LeBoff, M. S., Winalski, C. S., Stedman, M., Glass, R., Brookhart, M. A., Weinblatt, M. E., Gravallese, E. M.
2009; 60 (6): 1624-1631
- **An evaluation of statistical approaches for analyzing physician-randomized quality improvement interventions** *CONTEMPORARY CLINICAL TRIALS*
Stedman, M. R., Gagnon, D. R., Lew, R. A., Solomon, D. H., Brookhart, M. A.
2008; 29 (5): 687-695
- **Medical comorbidity and health-related quality of life in bipolar disorder across the adult age span** *JOURNAL OF AFFECTIVE DISORDERS*
Fenn, H. H., Bauer, M. S., Alshuler, L., Evans, D. R., Williford, W. O., Kilbourne, A. M., Beresford, T. P., Kirk, G., Stedman, M., Fiore, L.
2005; 86 (1): 47-60