Stanford



# Margaret Stedman

Sr Res Engineer, Medicine - Med/Nephrology

NIH Biosketch available Online  Curriculum Vitae available Online

## Bio

### BIO

Dr. Margaret Stedman joined the Nephrology Division in 2015. She is a collaborative statistician on projects related to the allocation of kidney transplant and kidney disease. Her research interests are broadly in the application of statistical methods for healthcare data, with particular interest in survival analysis, competing risk, disease surveillance, multilevel modeling, causal analysis, and data linkage.

### ACADEMIC APPOINTMENTS

- Sr Res Engineer, Medicine - Med/Nephrology

### HONORS AND AWARDS

- NIH Director's Award, SRP/ DCCPS/ NIH (2014)
- T32 NRSa Training Grant Award, Clinical Orthopedic and Musculoskeletal Education and Training Program, Harvard medical School (2010)

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- 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)

### PROFESSIONAL EDUCATION

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

## Publications

### PUBLICATIONS

- **Efficacy and safety of revascularization in patients with chronic limb-threatening ischemia by kidney function.** *American heart journal*
  Lee, J. Y., Parvathinathan, G., Liu, S., Etemadi, A., Stedman, M. R., Arya, S., Chang, T. I.
  2026: 107550
- **Raising the Profile of Collaborative Biostatisticians in Team Science.** *Journal of general internal medicine*
  Stedman, M. R., Mehta, C. C., Slade, E., Hibberd, P. L., Chertow, G. M., Podolsky, R. H., Rao, S. R.
  2026

- **Correlates of Pretransplant Outcomes in United States Kidney Transplant Programs, 2015 to 2020.** *Kidney international reports*
  Parvathinathan, G., Mohanty, S., Stedman, M. R., Xu, K., Dor, A., Ashlagi, I., Cheng, X. S.
  2026; 11 (7): 106570

- **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 andoutcomes 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., Lewa, 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