

<b>Name:</b> Alan Hubbard	<b>Position Title(s):</b> Professor and Head of Biostatistics
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## EDUCATION/TRAINING

Institution & Location	Degree	Year	Field of Study
UC, Santa Barbara	BA	1985	Geology
Virginia Polytechnic U.	MS	1990	Geology & Paleontology
UC, Berkeley	PhD	1998	Biostatistics

## Positions

2006-present - UC, Berkeley School of Public Health Biostatistics Division (Professor)

## Current Professional Memberships & Affiliations

American Statistical Association

## Service

Current – Head of Division of Biostatistics

2013-14 - UC, Berkeley SPH CITRIS Big Ideas Competition: Information Technology for Society (Judge)

Current - International Journal of Biostatists (Editor-in-Chief)

Current - Statistical Applications in Genetics and Molecular Biology (Associate Editor)

Current - PLOSOne (Associate Editor)

## Recent Publications

- **Alan Hubbard** and Mark van der Laan. Mining with Inference: Data Adaptive Target Parameters. In P. Buhlmann, Petros Drineas, Michael Kane, and Mark van der Laan, editors, Handbook of Big Data, Chapman-Handbooks-Statistical-Methods. Chapman & Hall/CRC, 2016.
- Sara E Moore, Anna Decker, **Alan Hubbard**, Rachael A Callcut, Erin E Fox, Deborah J del Junco, John B Holcomb, Mohammad H Rahbar, Charles E Wade, Martin A Schreiber, et al. Statistical machines for trauma hospital outcomes research: Application to the prospective, observational, multi-center major trauma transfusion (promtt) study. PloS one, 10(8):e0136438, 2015.
- Ivan Diaz, **Alan Hubbard**, Anna Decker, and Mitchell Cohen. Variable importance and prediction methods for longitudinal problems with missing variables. PloS one, 10(3), 2015.
- Stephan J Ritter, Nicholas P Jewell, and Alan E Hubbard. R package multipim: a causal inference approach to variable importance analysis. J Stat Softw, 57:1–29, 2014.
- **Alan Hubbard**, Ivan Diaz Munoz, Anna Decker, John B Holcomb, Martin A Schreiber, Eileen M Bulger, Karen J Brasel, Erin E Fox, Deborah J del Junco, Charles E Wade, et al. Time-dependent prediction and evaluation of variable importance using superlearning in high-dimensional clinical data. Journal of Trauma-Injury, Infection, and Critical Care, 75(1):S53–S60, 2013.
- Elizabeth J Carlton, **Alan Hubbard**, Shuo Wang, and Robert C Spear. Repeated schistosoma japonicum infection following treatment in two cohorts: Evidence for host susceptibility to helminthiasis? PLoS Negl Trop Dis, 7(3):e2098, March 2013.
- Anna L Decker, **Alan Hubbard**, Catherine M Crespi, Edmund YWSeto, and May C Wang. Semiparametric estimation of the impacts of longitudinal interventions on adolescent obesity using targeted maximumlikelihood: Accessible estimation with the ltmle package. Journal of Causal Inference J. Causal Infer., 2(1):95–108, 2014.