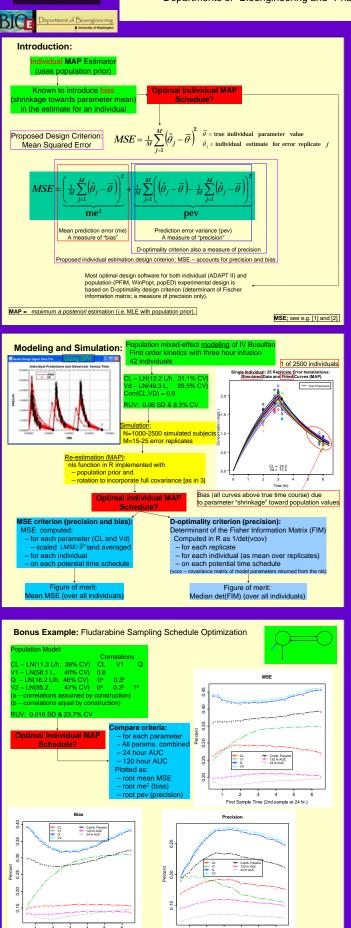


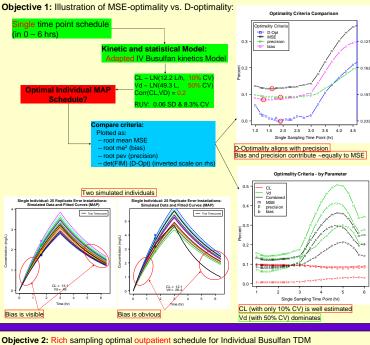
Mean Squared Error as Criterion for Sampling Schedule Optimization for **Individual Dose Targeting in Busulfan**

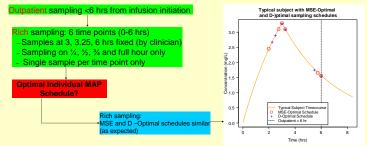
David H. Salinger¹, Jeannine S. McCune, David K. Blough², Paolo Vicini¹ Departments of ¹Bioengineering and ²Pharmacy, University of Washington, Seattle, WA, USA



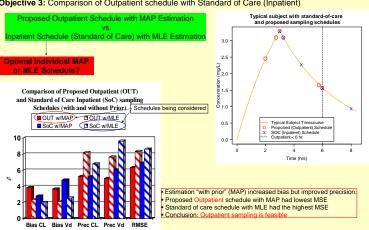


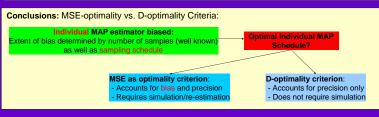
Bias, precision and MSE of AUC follows similar trend as for combined parameters





Objective 3: Comparison of Outpatient schedule with Standard of Care (Inpatient)





[II] Sheiner LB and Beal SL (1981) Some suggestions for measuring predictive performance. J. Pharmacokinetics and Biopharmaceutics 9:4:503-512 [2] Monteleone JPR and Duffull SB. (2003) Choice of best design. In Kimko HC and Duffull SB Eds. Simulation for designing clinical trials. Taylor and Francis Group, NY, New York.

[3] Callegari 7, Caumo A, and Cobelli C (2002) Generalization of Map Estimation in SAAM II: Validation Against ADAPT II in a Glucose Model Case Study Annals of Biomed Eng