Bio

BIO

Michael Fairley is a Ph.D. student in the Department of Management Science & Engineering at Stanford University.

Research Area: Health Policy

Research Abstract: Opioid dependence has become a national public health crisis. Veterans are particularly affected. The Veterans Affairs Health System (VA) must prioritize interventions under increasing budgetary constraints. Michael Fairley is developing a mathematical decision model to help the VA determine a portfolio of interventions to invest in that will maximize health and economic benefits. The proposed work requires knowledge not only from engineering, but also knowledge of medical, behavioral, and economic factors relevant to opioid dependence. Michael will create new methodology for quantitatively modeling economic and behavioral implications of policy decisions and will generate an evidence-based policy recommendation for VA.

Publications

PUBLICATIONS

• **Cost-effectiveness of Intensive Blood Pressure Management.** *JAMA cardiology*
  Richman, I. B., Fairley, M., Jørgensen, M. E., Schuler, A., Owens, D. K., Goldhaber-Fiebert, J. D.
  2016; 1 (8): 872-879