Please join us for a Health Decision Science Seminar at

3:30 p.m. on Wednesday, April 16
2nd Floor Conference Room, 718 Huntington Ave

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Evaluating an Integrated TB/HIV Screening Program in Rural South Africa

The burdens of drug susceptible and resistant TB, as well as that of HIV, are devastating in South Africa. The interaction between HIV and TB within coinfected individuals has exacerbated the TB/HIV co-epidemic in countries where HIV is prevalent. In response, the WHO recommends an integrated approach to TB and HIV interventions in these settings. Intensified TB and HIV case finding within the community has the potential to supplement existing control strategies, but its impact on the TB/HIV co-epidemic has yet to be investigated. We developed a mathematical model that incorporates both TB and HIV transmission and cost to evaluate the impact of integrating TB and HIV screening on curtailing the co-epidemic in rural South Africa, as well as the cost-effectiveness.