HIV prevention policy and programme planning: What can mathematical modelling contribute?
Hankins, Catherine

HIV prevention policy and programming planning: What can mathematical modelling contribute?

Catherine Anita Hankins
HIV prevention policy and programme planning: What can mathematical modelling contribute? Thesis, University of Amsterdam, The Netherlands

Copyright © 2013, Catherine Anita Hankins, Amsterdam, the Netherlands

ISBN: 978-94-6259-017-5

Cover photo: Homo Ludens by Katrin Korfmann © Katrin Korfmann, Homo Ludens, 2012, c/o Pictoright Amsterdam 2013 For information, visit the Art Affairs Gallery: www.artaffairs.net

Layout and printing: Ipskamp Drukkers, Amsterdam, The Netherlands

The body of work included in this thesis covers the period from 2008 to 2013. It began in 2005-6 when three clinical trials reported compelling HIV prevention results for voluntary medical male circumcision and continued as the results of randomised controlled trials studying pre-exposure prophylaxis and an HIV vaccine regimen became available. This work also includes conceptual pieces on combination HIV prevention and the first analysis of the potential impact of structural interventions in the context of injecting drug use.

Publication of this thesis was made possible by grants from la Fondation Mérieux, Academic Medical Center of the University of Amsterdam, Gilead Sciences, Janssen-Cilag, Boehringer Ingelheim, and ViiV Healthcare.
HIV prevention policy and programme planning: What can mathematical modelling contribute?

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad van doctor

aan de Universiteit van Amsterdam

op gezag van de Rector Magnificus

prof. dr. D.C. van den Boom

ten overstaan van een door het college voor promoties ingestelde commissie, in het openbaar te verdedigen in de Agnietenkapel

op vrijdag 31 januari 2014, te 10:00 uur

door

Catherine Anita Hankins

egenomen te Edmonton, Canada
Promotor: Prof. dr. J.M.A. Lange

Co-promotor: Prof. dr. P. Piot

Overige leden: Prof. dr. R.A. Coutinho
                  Prof. dr. T.B. Hallett
                  Prof. dr. A.P. Hardon
                  Dr. C. Luo
                  Prof. dr. P. Reiss
                  Dr. H. Weiss

Faculteit der Geneeskunde
Dedicated to my loving and inspiring parents:
Gerald Warren Hankins
and
Alison Cathro Matthews Hankins
(1927-2009)