



The Richard Doll Seminars
in Public Health and Epidemiology

Professor Tyler J. VanderWeele

Harvard School of Public Health

“A unification of mediation
and interaction: a four-way
decomposition”

Tuesday 25th Nov 2014

1-2 pm

Lecture Theatre, Richard Doll Bldg, Old Road Campus

<http://www.ceu.ox.ac.uk/seminars>

Follow us  [@rdseminars](https://twitter.com/rdseminars)

All welcome



Tyler J. VanderWeele PhD

Professor of Epidemiology

Department of Epidemiology and Biostatistics

Harvard School of Public Health



Tyler J. VanderWeele is Professor of Epidemiology in the Departments of Epidemiology and Biostatistics, at the *Harvard School of Public Health*. He holds degrees in mathematics, philosophy, theology, finance, and biostatistics from the *University of Oxford*, the *University of Pennsylvania*, and *Harvard University*. His research in causal inference concerns how we distinguish between association and causation in the social and biomedical sciences and the study of the mechanisms by which causal effects arise. His empirical research has been in the areas of perinatal, psychiatric, and genetic epidemiology; various fields within the social sciences; and the study of religion and health. Professor VanderWeele serves on the editorial boards of *Epidemiology*, the *American Journal of Epidemiology*, the *Annals of Statistics*, *Journal of the Royal Statistical Society Series B*, *Journal of Causal Inference*, and *Sociological Methods and Research*. He is also Editor-in-Chief and co-founder of the new journal *Epidemiologic Methods*. He is fellow of the *American Statistical Association*, winner of the 2014 **Mortimer Spiegelman Award** from the American Public Health Association, and he gave the **2013 Bradford Hill Memorial Lecture** at the London School of Hygiene and Tropical Medicine. He has published over 175 papers in peer reviewed journals, and is author of the book “**Explanation in Causal Inference: Methods for Mediation and Interaction**”, to be published by Oxford University Press in early 2015.