

Nomination Letter

Institute of Public Health and Clinical Nutrition
 Faculty of Health Sciences
 University of Eastern Finland (UEF)
 Kuopio Campus, Finland
 11th January, 2023



UNIVERSITY OF
EASTERN FINLAND

*University of
Eastern Finland*

Dear EAS Society's Award Committee

I am pleased to submit a self-nomination for the Young Investigator Award for outstanding publications in 2022.

I am Dr Andrew Agbaje, a physician and clinical epidemiologist, currently undertaking a PhD study at the University of Eastern Finland, Kuopio, Finland.

I am the first author of the paper submitted for the award. The paper was published online on November 12, 2022, and just published in print in the January issue of *Atherosclerosis*.

Agbaje AO, Lloyd-Jones DM, Magnussen CG, Tuomainen TP. Cumulative dyslipidemia with arterial stiffness and carotid IMT progression in asymptomatic adolescents: A simulated intervention longitudinal study using temporal inverse allocation model. *Atherosclerosis*. 2023 Jan;364:39-48. doi: 10.1016/j.atherosclerosis.2022.11.011. Epub 2022 Nov 12. PMID: 36462968.

As documented in the Credit Taxonomy of the article, I was responsible for the Conceptualization, Methodology, Software, Validation, Investigation, Resources, Writing – original draft, Writing – review & editing, Visualization, Project administration, Funding acquisition. of the paper.

Other authors including the last author contributed to writing reviewing and editing and visualization.

In a nutshell, the paper provided the first simulated intervention effect of subclinical atherosclerosis progression among 1779 adolescents using a novel methodology that I had developed. This bridges a huge knowledge gap since clinical trials are non-existent in the asymptomatic pediatric population. The study discovered the critical age of 17 years for sub-clinical atherosclerosis prevention and potential reversal and identified that commencing treatment at the age 24 years may be too late to attenuate atherosclerosis progression.

It's my hope that this work is awarded not just for the prize but to help amplify the news that primary prevention in youth is the key to stopping atherosclerotic cardiovascular disease global epidemics.

Yours sincerely,

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