



## Charlemont Grant Report

Recipient Name:	Dr Páraic Ó Súilleabháin
Discipline:	Humanities and Social Sciences
Amount and year awarded:	€1,600 in 2019
Title of Project:	The PLACID Study: An integration of longitudinal personality, loneliness, and cardiovascular disease trajectories in old age



Summary of findings:	<p>There are several ongoing manuscripts in relation to this project. Thus far, we have found that mechanisms underpinning associations with cardiovascular disease. For instance, we have found that certain lipid blood profiles are associated with personality profiles in a large national sample, thereby leading to underlying pathways associated with cardiovascular disease and mortality in old age. We have also found that the association with the pathway of BMI and waist circumference in old age is somewhat difficult to clearly determine.</p> <p>Specifically, we found that persons higher in BMI in old age are demonstrating protective effects on longevity. Importantly, I have recently submitted a funding application to the IRC (New Foundations) which has stemmed from this grant and collaboration with Prof. Sutin. Further, Prof. Sutin has also sought my expertise and collaboration with her postdoctoral researchers who are working on projects in our mutual research interests. This will lead to several manuscripts and additional outputs. We are also in the process of compiling large international datasets with detailed loneliness information for future studies. I am also working to compile a significant funding application and associated plans to develop a new panel population study in the West of Ireland examining the lifespan development of disease, and contributing factors (e.g. personality loneliness).</p>
Plans for continuing collaboration:	<p>The collaboration will certainly continue.</p> <p>Receiving this support from the RIA will likely have a considerably long-lasting positive effect on my career. There are several plans, with also several manuscripts currently in preparation as part of this collaboration. We are also examining and compiling various data from large international datasets for larger cross-cultural studies. We are also planning a significant collaboration with other international collaborators where I will lead an international project in this area. I am also providing my expertise and feedback on several of Prof. Sutin's postdoctoral researchers. Prof. Sutin is also a collaborator on a Masters Thesis Project I am supervising at UL. This research trip has been hugely successful for my career and future development.</p>
Publication plans:	<p>There are several manuscripts currently in preparation. Below are examples of one under review, and I soon to be submitted for review.</p> <p>Manuscripts: O'Súilleabháin, P.S., Stephan, Y., Terracciano, A., &amp; Sutin, A. (submitted soon). Personality and lipids: A venous blood assessment of a large representative sample of older adults.</p>



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	<p>O'Súilleabháin, P.S., Sutin, A., &amp; Gerstorf, D. (under review). Mechanisms of body mass index, waist circumference, and mortality trajectories in old age. <i>Journal of Community and Epidemiological Health</i> (Impact Factor: 3.87)</p>
International dissemination:	<p>This work has not yet been disseminated at international conferences. This research once compiled is expected to be disseminated widely. This trip occurred in October 2019, and as such, formal submissions have not occurred to conferences as yet.</p>
National dissemination:	<p>As the trip as only occurred in October 2019, we have not yet disseminated the research outcomes. This will be occurring over the coming months.</p>
Additional collaborations:	<p>As a result of this trip I have developed several other important collaboration partners beyond Prof. Angelina Sutin. These individuals include individuals working at Florida State University (Prof. Antonio Terracciano, Dr. Damaris Aschwanden, Dr. Martina Luchetti, Dr. Jason Strickhouse, Dr. Ji Hyun Less).</p> <p>There is also a very strong collaboration stemming from my trip with Prof. Denis Gerstorf at Humboldt University Berlin. Prof's Sutin and Terracciano are also members of that collaboration.</p>
Outreach:	<p>A press release was issued from NUI Galway when I received notice of the award. See: <a href="https://www.nuigalway.ie/about-us/news-and-events/newsarchive/2019/march/nui-galway-school-of-psychology-researcher-winsprestigious-royal-irish-academy-grant.html">https://www.nuigalway.ie/about-us/news-and-events/newsarchive/2019/march/nui-galway-school-of-psychology-researcher-winsprestigious-royal-irish-academy-grant.html</a></p> <p>As the research trip only occurred recently, further public engagement will occur in the near future surrounding research outcomes.</p>