

Carnegie Trust for the Universities of Scotland Summary report: Carnegie/Caledonian/Henry Dryerre PhD Scholarships Round: 2017

The closing date for submission under this scheme was 29 February.

Adviser Review Process

The applications were allocated to the 25 specialist Advisors located throughout the rest of the UK. The Advisers provided reports and scores on the basis of the following specified criteria:

- Academic ability and research potential
- Project originality, significance and feasibility
- Fit to research environment
- Overall quality

Shortlisting Stage

These shortlisted applications were sent to a Selection Committee consisting of:

Professor Dame Sue Black, University of Dundee,
Professor Robert Donovan, University of Edinburgh,
Professor Jan MacDonald, University of Glasgow,
Professor Paul Hagan, Robert Gordon University,
Professor Claire Wallace, University of Aberdeen,
Professor Mary Orr, University of St Andrews,
Professor John Roulston, CEO, Scimus Solutions Ltd
Professor Holger Nehring, University of Stirling,
Dr Alison Fielding, CTUS Trustee
Professor Andrew Walker CTUS and Heriot-Watt University.

Statistics

The following tables show the breakdown of age, gender, subject area and university of tenure for the initial nominations and the shortlisted candidates.

Once again the physical sciences and arts and humanities have dominated the shortlist and awards.

Field	Nominations	Shortlisted	Awarded
Arts & Humanities	13	12	6
Biological Sciences	12	8	5
Physical Sciences	15	11	6
Social Sciences	17	9	2
Grand Total	57	40	19

86% of the applicants were between the ages of 20 and 29 and 89% of the awards went to this age bracket.

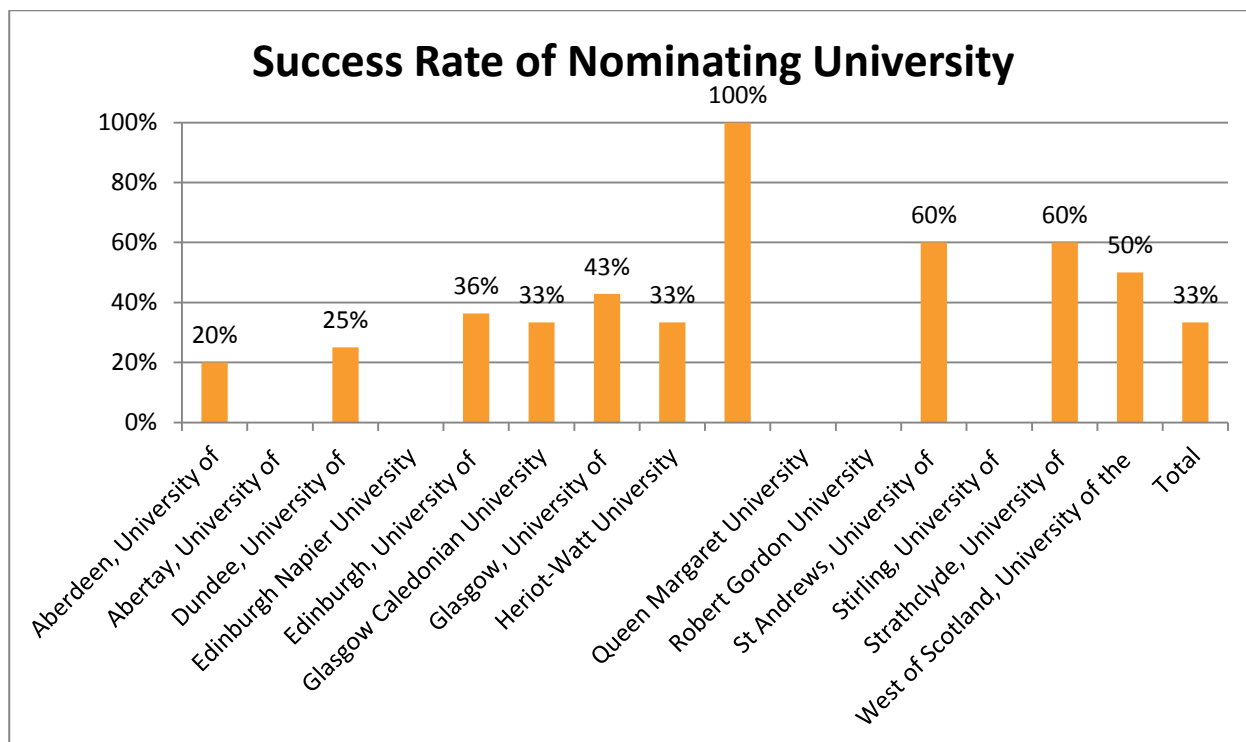
Applicant's Age	Nominations	Shortlisted	Awarded
20-29	49	36	17
30-39	2	0	
40-49	3	2	
50-59	1	1	1
Not provided	2	1	1
Grand Total	57	40	19

Of the original 57 applications 53% came from female applicants, this rising to 58% at the shortlist stage, however only 47% of the awards went to female candidates.

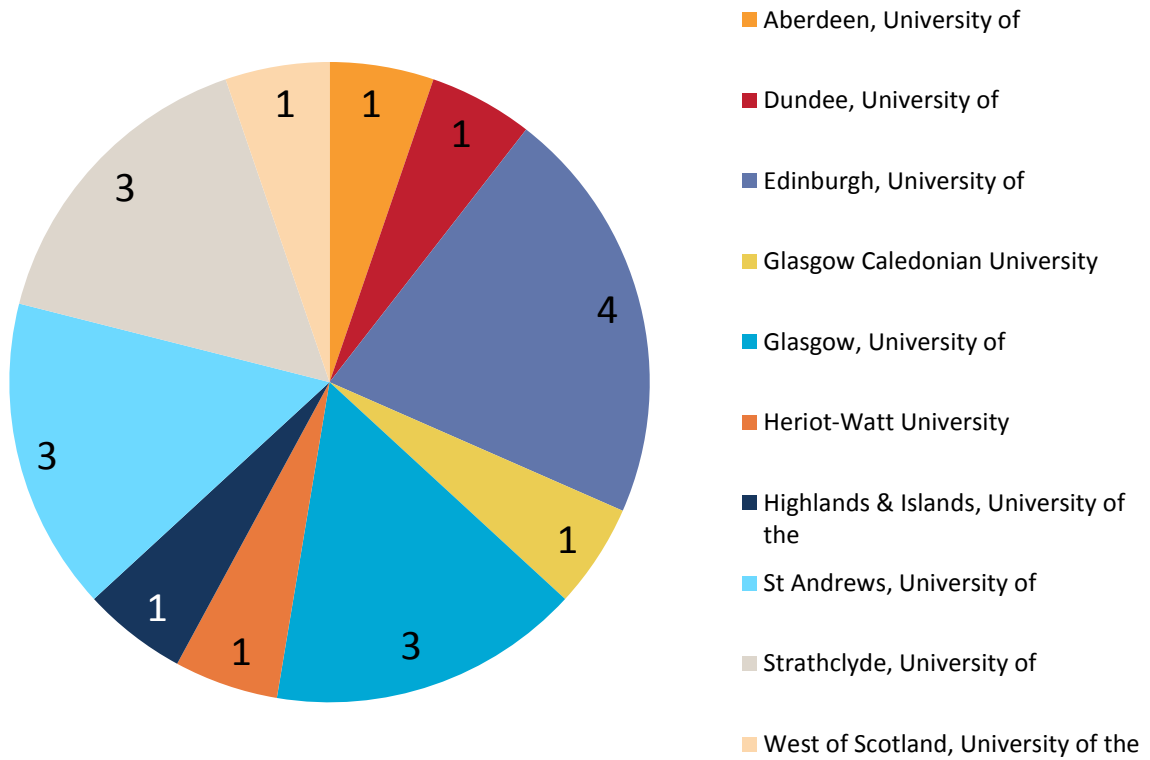
Gender	Nominations	Shortlisted	Awarded
Female	30	23	9
Male	27	17	10
Grand Total	57	40	19

Out of the 15 eligible universities 14 saw at least one of their candidates shortlisted. The table below shows the numbers of students shortlisted for the scholarships.

University	Applied	Shortlisted	Awarded
Aberdeen, University of	5	4	1
Abertay, University of	2		
Dundee, University of	4	3	1
Edinburgh Napier University	2	1	
Edinburgh, University of	11	10	4
Glasgow Caledonian University	3	1	1
Glasgow, University of	7	4	3
Heriot-Watt University	3	2	1
Highlands & Islands, University of the	1	1	1
Queen Margaret University	2	1	
Robert Gordon University	2	2	
St Andrews, University of	5	4	3
Stirling, University of	3	2	
Strathclyde, University of	5	4	3
West of Scotland, University of the	2	1	1
Total	57	40	19

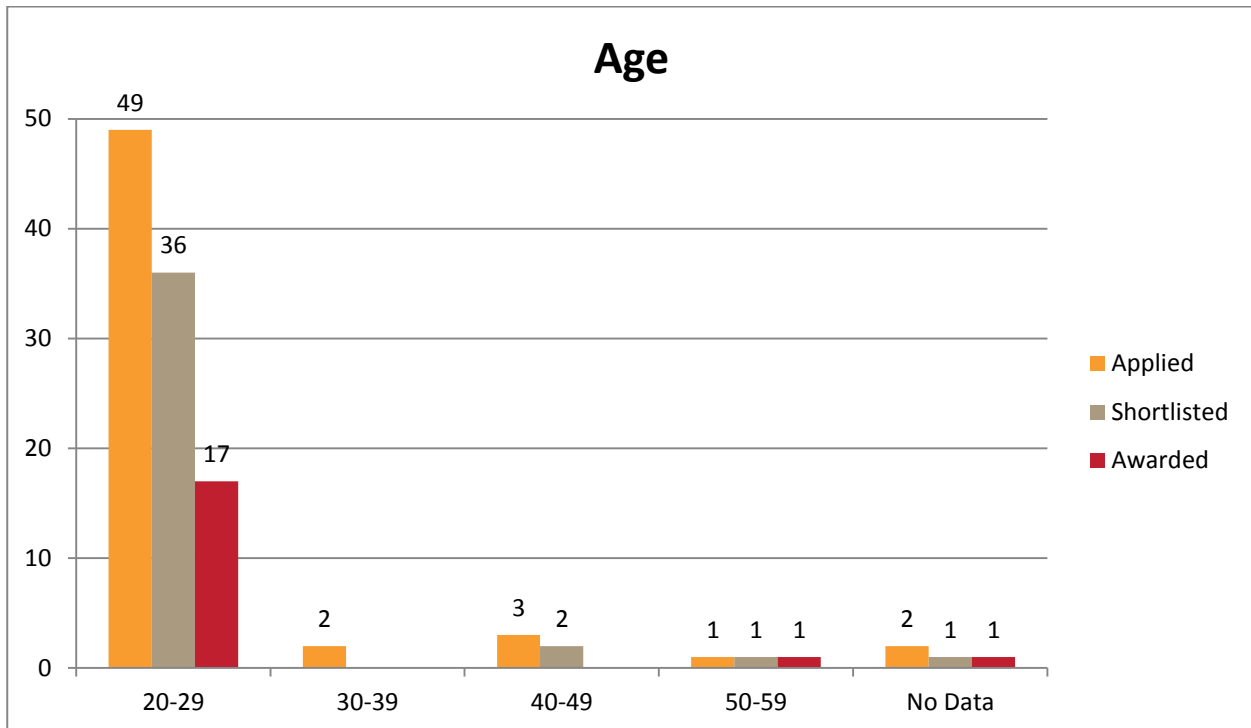


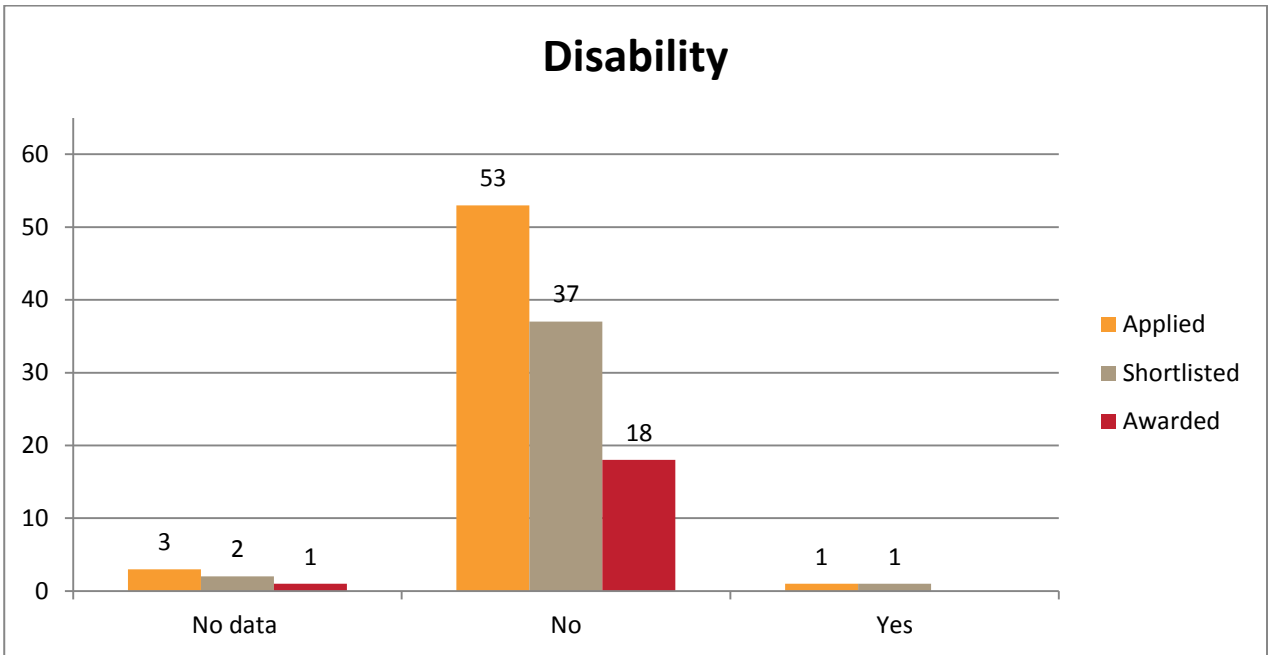
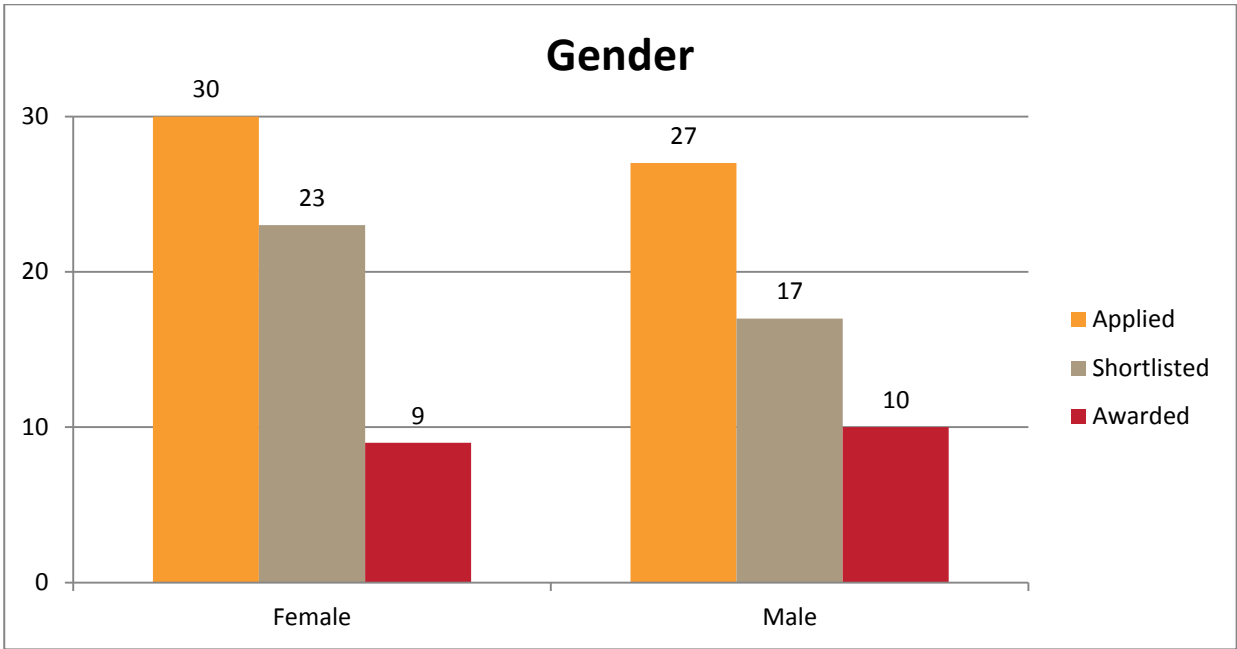
Awards Made



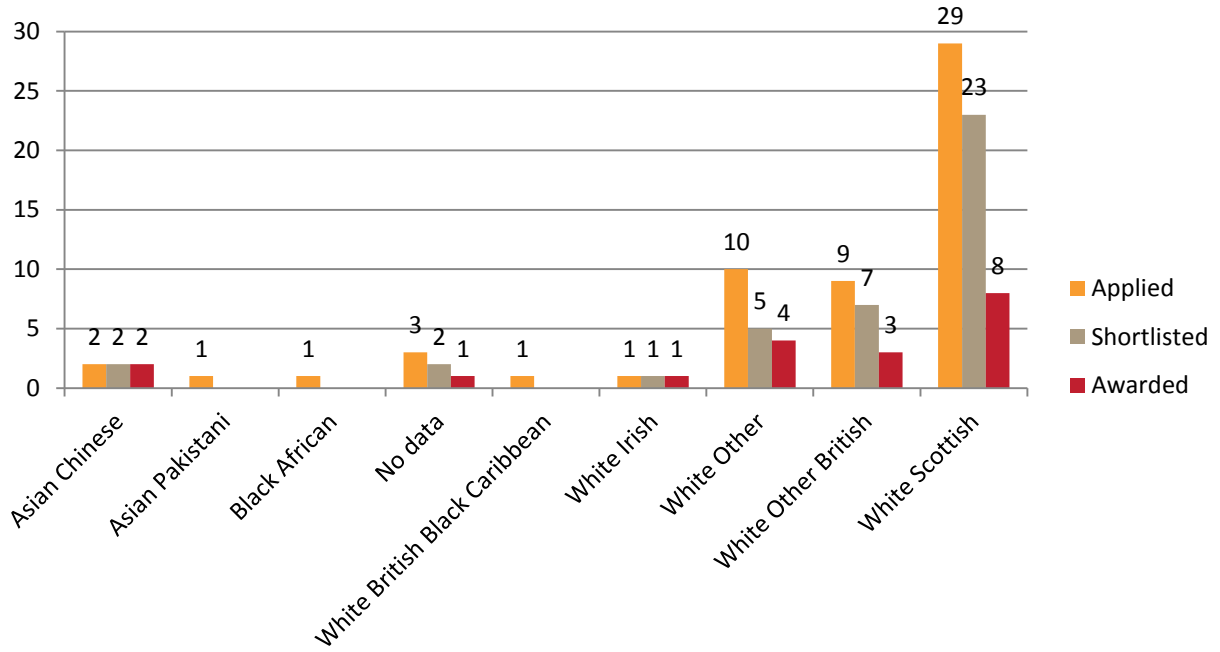
Equal Opportunities Monitoring

Age

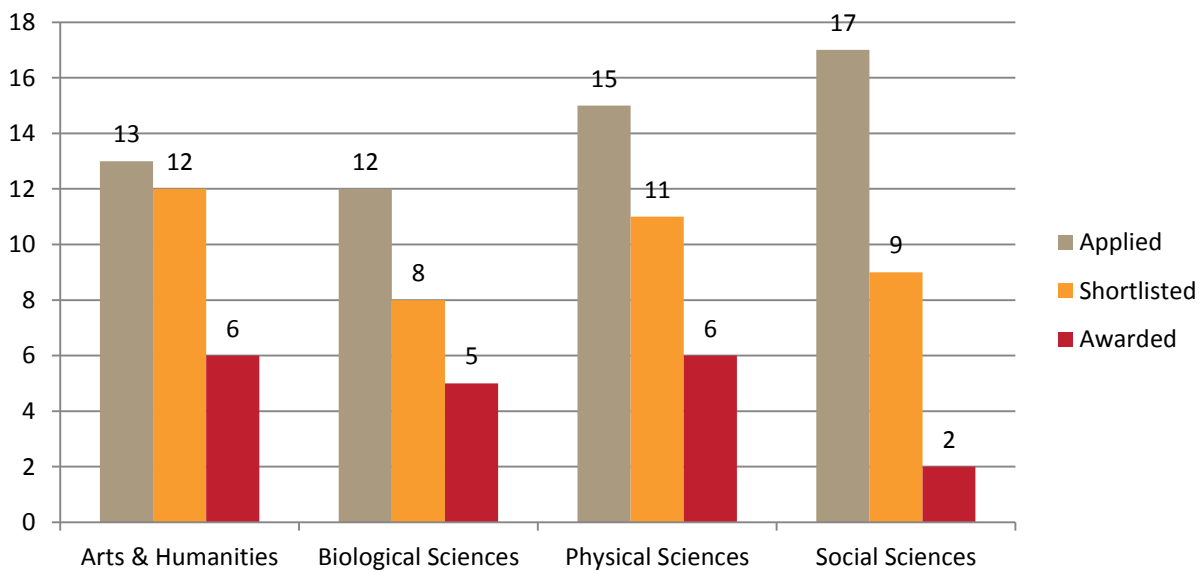




Ethnicity



Field



List of Awardees

First Name	Last Name	Project Title	Scholarship Type	Department	University
Dafni	Bechtsi	Investigation of genes with novel functions in Plasmodium early gametocyte and gender-specific differentiation	Henry Dryerre	College of Medical, Veterinary and Life Sciences	Glasgow
Vitalijs	Brejevs	Cobordism in smooth and symplectic topology	Carnegie	School of Mathematics and Statistics	Glasgow
Kelly	Brown	Electrochemical assessment of the psychoactivity of new illicit substances	Carnegie	Pure and Applied Chemistry	Strathclyde
Chi Hang Michael	Chiang	Simulating the Dynamics and Cellular Interactions in Cell Suspensions	Carnegie	School of Physics and Astronomy	Edinburgh
Joseph	Collins	Infinite Dimensional Categorical Quantum Mechanics	Carnegie	Computer and Information Sciences	Strathclyde
Gergana	Daskalova	How is land use change influencing biodiversity on local and global scales?	Carnegie	School of GeoSciences	Edinburgh
Alan	Dodgson	Numerical approximation of stochastic Navier-Stokes equations	Carnegie	Department of Mathematics	Heriot-Watt
Stuart	Flannigan	Designing electron transport in nanoelectronics with quantum simulators	Carnegie	Physics	Strathclyde
Ewan	Hannaford	Questioning the Mental/Physical Health Divide: A Corpus Linguistic Analysis of Press Coverage	Carnegie	English Language & Linguistics / School of Critical Studies	Glasgow
Margarita	Kanevski	Identification of cognitive predictors to tailor mathematics learning interventions for children with Attention Deficit Hyperactivity Disorder.	Caledonian	Child Life and Health	Edinburgh
Benedictine	Khor	Elastography and ultrasound of the Achilles tendon and plantar soft tissues in diabetes	Carnegie	Psychology, Social Work and Allied Health Sciences	Glasgow Caledonian
Margaret	Macpherson	Dynamics of social interaction: Investigating the impact of individual psychological characteristics on interpersonal coordination	Carnegie	School of Psychology	Aberdeen

Ronnie	Mooney	Quaternary Ammonium Compounds (QACs) biodegradation pathway in <i>Acanthamoeba castellanii</i> as a model for understanding drug resistance	Carnegie	School of Science and Sport	West of Scotland
Alicia	Núñez-García	CONNECTING WORLDS: The early stages of Phoenician presence on the Atlantic coastline (11th-8th centuries BC)	Carnegie	School of History, Classics and Archaeology	Edinburgh
Natalie	Sinclair	Decibels and Whistles: The masking effect of noise on wild bottlenose dolphin (<i>Tursiops truncatus</i>) communication.	Carnegie	Scottish Oceans Institute	St Andrews
Jonathan	Triffitt	The German Princes and the People after the Fall of Monarchy, 1918-1934	Carnegie	History	St Andrews
Rebecca	Walker	City Identities: Geographies of Female Embodiment in Goliarda Sapienza and Elena Ferrante	Carnegie	Italian	St Andrews
Samuel	White	Does the UK's current legal framework offer sufficient protection of fundamental rights?	Caledonian	Social Sciences / Law	Dundee
Stephen	Worth	Upon the margins: Why did many post-Improvement farms in the Scottish Highlands prove unsustainable?	Carnegie	Archaeology Institute	Highlands & Islands