

# Annual Report

Volume XXXII

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1 July 2021 – 30 June 2022



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## Welcome to the Isaac Newton Trust's thirty-second Annual Report

2021-22 has been a year of considerable activity and change for the Isaac Newton Trust.

Trustees are delighted to feel at last that the dark shadow of COVID is lifting: over the past two years, our regular research granting activities have been dominated by requests for extensions and additional support for researchers and existing projects that have been badly affected by COVID. These expenses have been supported by additional grants from Trinity and increased contributions by the Leverhulme Trust, both of which have been invaluable in enabling the INT to respond generously wherever possible. Now it seems that optimism is increasing again and the number of applications for new projects and appointments is rising (see p8).

Two major new programmes have been developed and offered for the first time this year, one of which has arisen from a new funding stream from Trinity. The Widening Participation & Induction Fund (WPIF) is intended to help Colleges to increase and diversify their activities with prospective and incoming undergraduate students from disadvantaged backgrounds. The first WPIF round was held in June 2022; it attracted applications from 10 Colleges and six awards were made (see p22). We will offer two rounds per annum over the next few years, till the fund is extinguished.

Our second new programme has evolved out of a desire to provide additional opportunities for early-career researchers seeking to enter an academic career in the Arts, Humanities and Social Sciences. Trustees considered whether this might be achieved by offering Fellowships that combine research with teaching - and so address teaching needs in Faculties and Colleges at the same time. After much discussion, and with the support of two pilot Faculties and three College partners, the first INT Academic Career Development Fellowships (ACDFs) have arrived in post (see p19). We are now exploring further Faculty/College partnerships to create another cohort of ACDFs in 2023.

The Trust has also taken a deep dive into our governance arrangements. Encouraged strongly by our Auditors, PEM, and in preparation for our registration as a Charity in our own right, we have engaged with the Charity Code of Governance as it applies to larger charities (see p 28). Regular visitors to our website will find that the 'Governance' area is now much expanded with details that should make it easier for the INT to meet the requirements of the Charity Commissioners and those with whom we conduct business.

As you will see from our 'Comings and Goings' (p29), we have experienced an unusual degree of turnover in Trustees this year; while we are of course very sad to bid farewell to three highly-valued and long-standing colleagues, we look forward to welcoming three excellent new Trustees.

Since its foundation in 1988, the Trust has enjoyed the privilege of association with His Majesty King Charles while Prince of Wales, first as Chairman of the Trustees and latterly as Patron. The Trust has conveyed its heartfelt sympathies to His Majesty on the sad news of the death of Her Majesty Queen Elizabeth. Following His Majesty's Accession, we await advice from the Royal Household regarding our Patronage.

I hope you enjoy reading this report. Please do contact me if you have any questions.



**Dr Laurie Friday**  
Director

## Patron

H.R.H. The Prince of Wales\*

## Trustees 2021-22

**Prof. Frank Kelly**  
Mathematics, *CHR*  
(Chairman)



**Prof. Ash Amin**  
Geography, *CHR*  
(from 1 June 2022)



**Prof. Sir David Baulcombe**  
Plant Sciences, *T*  
(Trinity Trustee)



**Prof. Jeremy Baumberg**  
Physics, *JE*



**Prof. Dame Ann Dowling**  
Engineering, *SID*



**Prof. Gerard Evan**  
Biochemistry, *CHR*



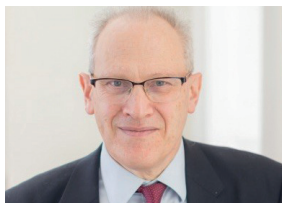
**Prof. Loraine Gelsthorpe**  
Criminology, *PEM*



**Prof. Rae Langton**  
Philosophy, *N*



**Prof. John Marenbon**  
Philosophy, *T*  
(Trinity Trustee)



**Prof. Richard Smith**  
Geography, *DOW*



**Prof. Dame Jean Thomas**  
Biochemistry, *CTH*



Details of the Trustees' interests, including other Trusteeships, may be found on the INT's governance pages:  
<https://www.newtontrust.cam.ac.uk/about/deed>

\*We await advice from the Royal Household concerning our Patronage following the Accession of His Majesty, The King

## Officers & Staff

Dr Laurie Friday, N (*Director*)  
Mr Donald Hearn, CL (*Treasurer*)  
Dr Nichola Tooke (*Senior Administrator*)  
Ms Janet Sparrow (*Research Administrator*)

## INT GRANTS 2021-22 SUMMARY

The Trust committed **£2.6m** for research and scholarship in the University including:

**£597k**

for Research Grants  
(including those made  
jointly with the Schools)

**£101k**

Widening Participation  
& Induction activities in  
Colleges

**£601k**

for Strategic Grants

**£284k**

for extensions relating  
to COVID-19

**£1m**

for Early Career  
Fellowships



**28** Research Grants to  
individual researchers



**17** Leverhulme Early  
Career Fellowships



**38** Grants for research  
projects jointly with the  
Schools of the University



**1** INT/College Junior  
Research Fellowship



**20** COVID recovery  
grants to researchers



**2** Academic Career  
Development Fellowships



**5** Strategic Grants for  
major projects



**6** Widening Participation &  
Induction Grants to Colleges

## RESPONDING TO COVID-19

We have continued to support researchers and projects whose work was adversely affected by the many challenges associated with the COVID pandemic, whether through ill health, disrupted child-care support or the locking down of vital facilities.

We have offered:

- short extensions, whether paid or cost-neutral, to current grant holders and research fellows, in line with support schemes adopted by our principal co-funding charities; and
- emergency funding specifically to support our grant holders, research fellows and other researchers in urgent need of assistance.

Over the past two years, the INT's contributions to COVID relief have amounted to:

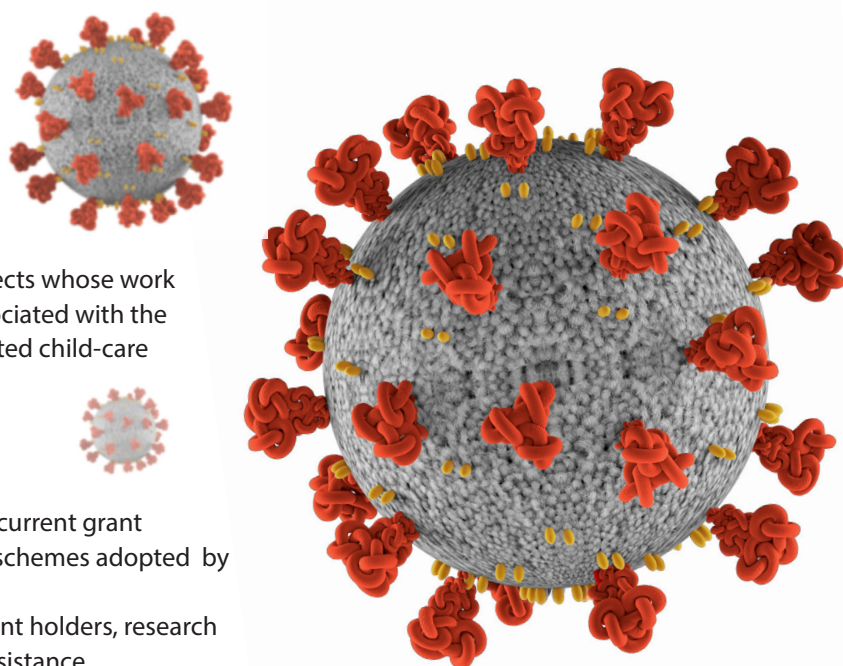
	2021-22	2020-21
Emergency Grants to individual researchers and groups	£162k	£128k
Leverhulme Early Career Fellowship extensions	£111k	£135k
PhD funding extensions for students on the AHRC DTP	£11k	£37k
Postgraduate emergency hardship grants	£0k	£16k
<b>TOTAL</b>	<b>£384k</b>	<b>£316k</b>

Although the complexion of the pandemic, and the measures required to contain it, changed during the 2021-22 academic year, the fall-out from earlier disruption has continued and applications for extensions and remedial grants continued at about the same level as last year. However, there are signs that the demand is decreasing and we expect to receive rather fewer such requests in 2022-23.

We could not have provided this support without the generous support of fellow funders:

- the **Leverhulme Trust** increased its funding for Early Career Fellows starting in the 2021-22 and 2022-23 academic years from 50% for each of three years to 100% for year one and 50% for the remaining years. This in effect provides host institutions with an extra £25,000 in their budget for the salary of each new starter;
- **Trinity College** provided discretionary donations to the INT amounting to £750k for 2021-22 in addition to the annual donation, to enable the Trust to maintain its current level of funding for a range of research activities in spite of the additional costs of managing additional expenditure for COVID relief.

We are hugely grateful for these two transformational interventions, which have enabled the Trust to continue to offer its full range of awards in spite of the challenges posed by COVID and also to plan adventurous new programmes and funding projects.



## INT AWARDS 2021-22

### RESEARCH GRANTS: PROJECT, EMERGENCY & STRATEGIC GRANTS

#### Project Grants

- one call per annum, in Michaelmas Term;
- awards of up to £30k over periods up to three years;
- normally for the support of a **specific project** under the leadership of a named Principal Investigator (PI);
- offering initial partner funding for new research projects, grants for unconventional, innovative forms of research and scholarship;
- normally awarded for research associates' salary costs but may include small contribution to consumables or equipment;
- particular attention is given to the qualities of the research project, on which we seek advice from external and internal referees, but consideration is also given to the likely benefits of a grant to the Department, PI, and/or early career researchers involved.

#### Emergency Grants

- three rounds per annum (termly), to respond rapidly and flexibly to cases of need; about one third of the applications for emergency support were due to COVID;
- awards of up to £30k over a period of up to 12 months;
- normally for a **named research associate** in cases for which **short-term immediate** intervention is needed;
- bridging or underwriting salary costs up to the start of a new grant;
- providing start-up costs for a pilot ahead of a major grant application;
- meeting a funding deficit in an external competitively-awarded early career fellowship (fellowship support).

#### Strategic Grants

- preliminary round (Lent Term); full applications by selected applicants (Easter Term);
- one or more awards of up to a total of £500k for up to 5 years duration;
- for major projects endorsed by a Head of School or Pro-Vice Chancellor as being of **strategic importance to the University**;
- awards may be to a Department, Faculty, School or a non-School institution;
- this year, the Trustees agreed to consider applications for renewal of ongoing strategic programmes alongside applications for new projects

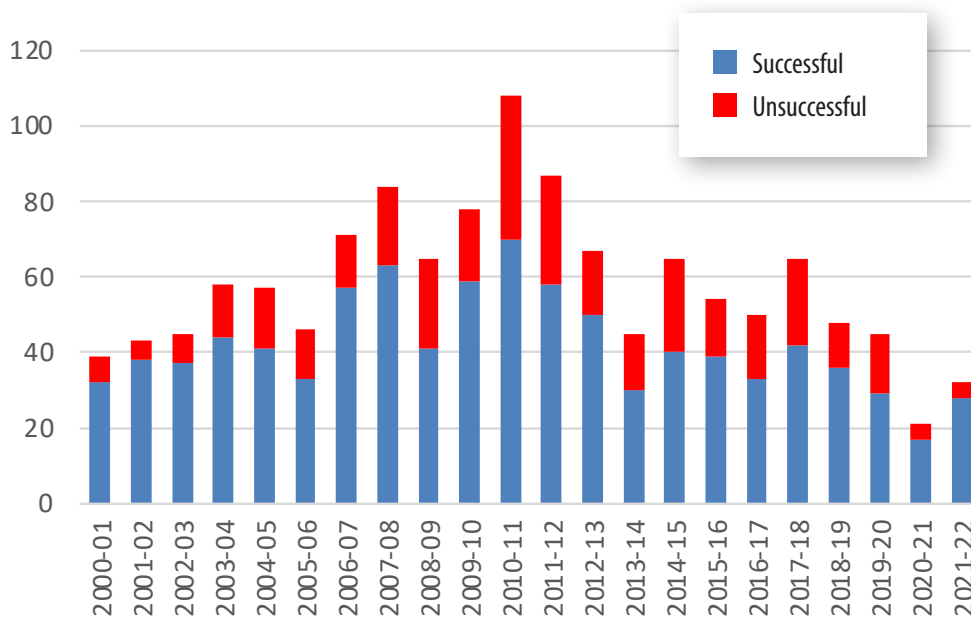
In 2021-22, Trustees committed **£1.1m** to new grants across these three categories:

Financial year	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
Research Grants	£1.1m	£0.46m	£1.1m	£2.1m	£3.0m	£3.6m

Changes in funding over the past three years reflect both the number and nature of applications: the very small number of applications last year stands out as an anomaly, evidence of the severity with which COVID blighted planning for new projects. Indeed, most of the applications in 2020-21 were for recovery from the various disadvantages caused by the pandemic. The Trustees' agreed to respond as generously as possible to such applications, so the success rate in 2020-21 was unusually high (Figure 1).

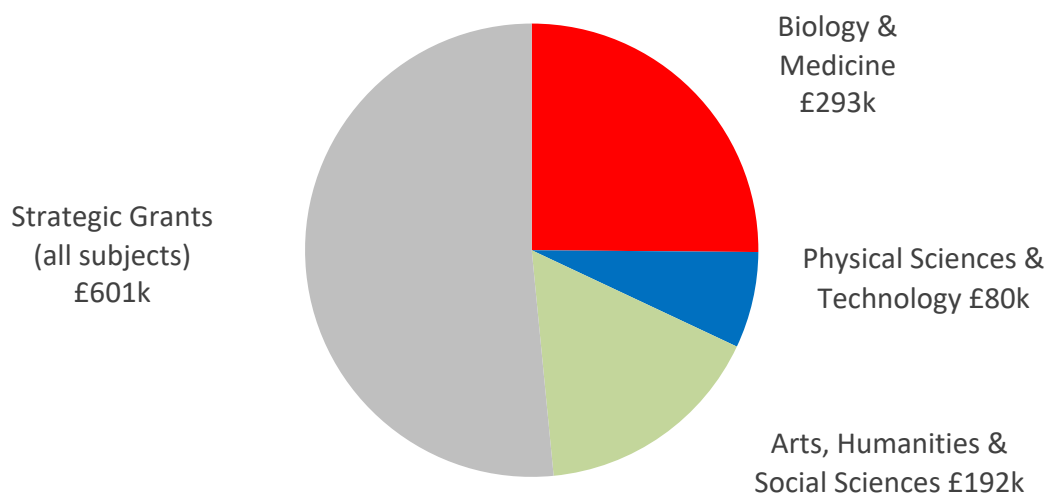
However, this year, proposals for new projects have recovered and these were in the majority. The proportion of applications for COVID relief has fallen to about a third of the total, but success rates are still elevated, specifically addressing the need created by COVID, compared to pre-pandemic levels.



**Figure 1: Project & Emergency Grants: numbers of applications 2000-01 to 2021-22**

Trustees are pleased to see the overall number of applications in the Project and Strategic categories increasing and have responded by making larger allocations to these programmes. This was made possible by the additional funding received from Trinity.

The proportion of the total research funding awarded in the Strategic Grants category has increased this year to return to the pre-COVID level (Figure 2).

**Figure 2: Project, Emergency and Strategic Grants 2021-22 (total = £1.1m)**



## PROJECT AND EMERGENCY GRANTS AWARDED IN 2021-22



Grants related principally to COVID relief.

### Schools of Arts, Humanities and Social Sciences

#### **Asian & Middle Eastern Studies** (Prof Geoffrey Khan)

*Kif Xwat. Linguistic Diversity and Common Trends in the Grammars of Spoken North African Arabic Dialects of Jews and their Muslim Neighbours: A Comparative Study of Selected Libyan, Tunisian and Algerian Dialects in a Language Contact Situation.*

Salary supplement in conjunction with a Rothschild Postdoctoral Fellowship



#### **Archaeology** (Prof Charles French)

*Provenance investigations of stone tools in prehistoric Serbia and Bosnia i Herzegovina.*

Salary support for Research Associate for four months



#### **Criminology** (Prof Ben Crewe)

*Life imprisonment from young adulthood: a longitudinal follow-up analysis.*

Salary support for Senior Research Associate for six months



#### **History** (Dr Massimo Asta)

*Engaged Economists. A social and Intellectual History of Political Commitment and Heterodox Economics in Europe (1900s-1950s).*

Salary support for Research Associate for eight months

#### **History** (Prof Peter Mandler)

*The virtual school reunion: secondary school memories in the age of Covid-19.*

Salary support for Research Associate for twelve months

#### **Geography** (Dr Charlotte Lemanski)

*Infrastructural Citizenship and the Post-Networked City.*

Underwriting research expenses for twelve-month Mid-Career Fellowship

#### **Politics & International Studies** (Prof David Runciman)

*Democracy for Children.*

Salary support for Research Associate for twelve months

#### **Sociology** (Dr Ali Meghji)

*Black British Voices Project.*

Bridging salary support for Research Associate for six months



#### **Theoretical & Applied Linguistics** (Dr Kirsty McDougall)

*Improving Voice Identification Procedures (IVIP).*

Salary support to extend research contract for six months

## COLLEGE

#### **Murray Edwards College** (Dr Lydia Hamlett)

*Investigating the role of the New Hall Art Collection: Research & Teaching.*

Salary costs for Researcher

## Schools of Biological Sciences and Clinical Medicine

### **Cambridge Stem Cell Institute** (Dr Kevin Chalut)

*Developing cell models to interrogate mechanical signalling in cell fate choice.*

Salary support for Research Associate for six months

### **CIMR/Clinical Biochemistry** (Dr David Gershlick)

*Discovering the machinery for fusion of secretory carriers to the plasma membrane.*

Salary support for Research Associate for six months

### **Clinical Neurosciences CIMR** (Dr Janin Lautenschlaeger)

*Understanding the regulation of alpha-synuclein liquid-liquid phase separation.*

Bridging salary support for Research Associate for seven months

### **Haematology** (Dr Ingo Ringshausen)

*Niche-dependencies and drug resistance in B cell malignancy.*

Salary support for Research Associate for ten months

### **MRC Cancer Unit** (Dr Robert Mahen)

*Understanding Centrosome Cohesion with Quantitative Imaging.*

Salary support for Research Associate for six months

### **Pathology** (Prof Geoffrey Smith)

*Modulation of vaccinia virus replication by TRIM5 and cyclophilin A.*

Salary support for Research Associate for twelve months

### **Pharmacology** (Prof Laura Itzhaki)

*Engineered nanoparticles for targeted protein degradation.*

Salary support for Research Associate for six months

### **Pharmacology** (Dr Catherine Wilson)

*Old drugs with new tricks to target cancer.*

Salary support for Research Associate for twelve months

### **Physiology, Development & Neuroscience** (Dr Rob White)

*Chromatin loop formation and the topology of transcription in Drosophila.*

Salary support for Research Associate for six months

### **Plant Sciences** (Prof David Coomes)

*Climate change influence on Alpine vegetation and treeline dynamics in Hindu-Kush Himalaya.*

Salary support for postdoctoral researcher for four months

### **Plant Sciences** (Prof Beverley Glover)

*Evolution of plant sexual deception through genomic rearrangement.*

Salary support for postdoctoral fellow for four and a half months

### **Veterinary Medicine** (Prof Cinzia Cantacessi)

*Genome skimming of soil-transmitted helminths towards diagnostic target discovery.*

Salary support for Research Associate for twelve months

### **Veterinary Medicine** (Dr Ragnhildur Thora Karadottir)

*Inward potassium conductance of the oligodendrocyte precursor cell in failure and success of myelin regeneration.*

Salary support for Research Associate for additional 4 months

**Zoology** (Dr Peter Lawrence)*Molecular and genetic analysis of planar cell polarity using Drosophila.*

Salary support for Senior Research Associate for four months

**Schools of Physical Sciences & Technology****Applied Mathematics & Theoretical Physics** (Prof Natalia Berloff)*nanoPolQ: Nanofluidic polaritons for dynamic motions of single quantum systems.*

Salary support for an extension of four months

**Engineering** (Dr John Durrell)*Field Jointing of Coated Conductors.*

Bridging and underwriting for postdoctorate salary for eight months

**Physics** (Prof Malte Grosche)*Superconducting and normal states in quantum materials.*

Salary support for Research Associate for five months

**Physics** (Dr Helena Knowles)*A tunable quantum simulator platform in solid state.*

Bridging salary support for Research Associate for fourteen months

**Strategic Grants awarded in 2021-22****Postdoc Academy** (PVC Elis Ferran, Mrs Karina Prasad)*Extending Borysiewicz Fellowships to Arts & Humanities.*

50% contribution to 5 post-doc part-time salary buy-out

**Physics** (Professors Val Gibson and Ulrike Schneider)*Interferometric Observatory and Network (AION).*

Contributions to two PDRA positions on UKRI funded AION project

**School of Biological Sciences** (Dr Heike Laman)*Transition to Independence Fellowship programme with Rosetrees Trust.*

50% contribution to one fellowship as seed-funding for the programme

Renewals were granted for small grants for Interdisciplinary Research Centres and for the University's support for refugee academics under the CARA scheme, which offers academics at immediate risk in other countries funding and temporary sanctuary in higher education and research institutions in the UK. The aim is to sustain them at times of heightened risk, so they can one day return to fulfil their role in the future of higher education in their home countries.

## JOINT RESEARCH GRANT PROGRAMMES WITH THE SCHOOLS

Since 2014, the Isaac Newton Trust has committed a substantial proportion of its annual expenditure to three 'Joint Schools' Programmes in which the Trust's donation is variously matched by the University, Schools, Departments, and, for biomedical subjects, a contribution from the Wellcome Trust Institutional Strategic Support Fund (ISSF).

Annual calls are made by pairs of Schools in cognate disciplines (Arts & Humanities/ Humanities & Social Sciences, Biological Sciences/Clinical Medicine, and Physical Sciences/Technology). The selection of applicants for support is carried out by subject panels appointed by the Schools, and as such the funding is targeted in a more strategically informed manner than the Trustees could achieve through their own Research Grants programme.

In STEM subjects, these grants provide support to early career and younger researchers at the critical point when they are establishing their independence and so enable the most talented individuals to develop their research ideas. The grants have enabled the creation of a large number of PDRA positions and represent an enabling investment that has yields a many-fold return in terms of external funding won.

In the arts, humanities and social sciences, these programmes go some way towards levelling up and maximising the impact of research in these subjects. They do this through creating opportunities to build collaborative networks, engage in public dissemination and make compelling cases for the REF.

The INT reviews these programmes annually in March in the context of other applications for major grants under the Strategic Grants programme. Grants were renewed to the Arts, Humanities & Social Sciences and Physical Sciences & Technology in March 2021, but the Biological & Medical Sciences grant lapsed at the point that the Wellcome ISSF came to an end.

### Schools of Art & Humanities and Humanities & Social Sciences

(Cambridge Humanities Research Grants)

Awards of up to £20,000 for projects, particularly for early career researchers, especially pilots for applications to external research funding, and matching funding of up to £10,000 to support mutual exchange with institutions affiliated to Paris Sciences et Lettres and other partners.

Awards	2021-22*	2020-21	2019-20	2018-19
Number	24	33	42	34
Total value of awards	£259k	£419k	£373k	£332k

\*The Trust previously contributed £100k per year. A contribution of £70k was agreed for 2021-22 and this grant, of £70k, has been renewed for 2022-23.

### Schools of Biological Sciences and Clinical Medicine

Awards for recently-appointed lecturers and equivalent, of up to £80k for up to 2 years for postdoctoral support, equipment and ancillary consumables, to develop projects that will lead to full applications for external funding.

This programme was funded from three sources, each providing £250k per annum: the Isaac Newton Trust, the Wellcome Trust's Institutional Strategic Support Fund (ISSF); and the host departments of the successful applicants. However, the ISSF ended in 2021-22 and the INT was not asked to make new allocations to this fund.

There will be a further review in 2022-23 to assess whether the scheme might resume under an amended model.

## Schools of Physical Sciences and Technology

Awards for new lecturers of up to £50k for postdoctoral Research Associate support, equipment and ancillary consumables, to develop projects leading to full applications for external funding.

Awards	2021-22	2020-21	2019-20	2018-19
Number	4	9	7	4
Total value of awards	£95k	£233k	£156k	£78k

The Isaac Newton Trust provides 50% of the total budget; a further contribution of £150k has been agreed for 2022-23. However, the number of awards made in 2021-22 was lower than expected, for a number of reasons: the number of applications was lower than usual, possibly due to COVID and the University recruitment freeze, and some applications were ineligible as they had already secured substantial funding.

In these unusual circumstances, the Trustees agreed that the sum remaining in the account (£55k) could be rolled over for the next round, bringing to £205k the INT funds available in 2022-23. However, any funds remaining at the end of the 2022-23 grant will be returned to the INT and, in line with other INT grants, there would not normally be a roll over from year to year.

## INTERDISCIPLINARY RESEARCH

The Isaac Newton Trust is deeply committed to the support of interdisciplinary research. In addition to providing Strategic Grants (for example, helping to set up Cambridge Zero) and funding individual projects, INT has, since 2016/17, made grants of £100k per annum to the University to be disbursed among Interdisciplinary Research Centres (IRCs), Strategic Research Initiatives (SRIs) and Strategic Research Networks (SRNs) to provide small enabling grants. The activities supported include: interdisciplinary workshops; pilot research projects; facilitation of major collaborative funding bids; and support for Early Career Researchers developing interdisciplinary approaches. For example:

- The Energy IRC sent research students to Ghana to engage in knowledge exchange and develop networks with policymakers drafting a National Energy and Climate policy.
- The Language Sciences IRC supported a new research collaboration between speech, hearing and education specialists across the University investigating to what extent facemasks pose speech-processing challenges for children compared to adults.
- The Cardiovascular IRC developed new research collaborations in primary care in Bedfordshire and cardiology services in the Northwest, one of which led to a US-UK grant application to the National Institutes of Health (NIH) in the US.
- The Conservation Research Institute supported 12 undergraduates on ten cross-disciplinary conservation projects alongside senior academics and NGO partners.

## EARLY CAREER FELLOWSHIPS

The INT's single largest contribution to research in the collegiate University is achieved through its programme of Early Career Fellowships (ECFs) (see Fig 8, p25)

Co-funding with other charities and with Faculties and Colleges provides a highly effective means of recruiting and retaining the very best postdoctoral researchers, supporting them as they develop their independent research projects and launching them into careers at academic and research institutions around the world. The INT's ECF programme not only builds the intellectual capital of the University and Colleges, but it attracts external funding that approximately matches the contribution of the Trust: the value of our co-funding of ECFs therefore injects on average about £1m of external funding into the University annually.

The INT has established a notable record for match-funding, on behalf of the University, Cambridge Fellows selected in the UK-wide **Leverhulme Trust's ECF** competition. However, our activities range more widely into Europe, providing the institutional contribution required for the **Humbolt Foundation's Feodor Lynen ECFs**, and enabling 6-month extensions for **Swiss Science Foundation ECFs**.

This year, the Trustees have expanded their ECF programme further by developing a new model for Fellowships in Arts, Humanities & Social Sciences based on a partnership between the INT, a Faculty and a College; the **INT Academic Career Development Fellowships** were launched in May 2021 and the first two Fellows have been appointed to start in October 2022.

We are also pleased to match-fund one 'Transition to Independence' Fellowship starting in 2022 with the **Rosetrees Trust** to facilitate a new partnership between that Trust and the Schools of Biological Sciences and Clinical Medicine at Cambridge.

## INT Fellows' Association

The Isaac Newton Trust takes an active lead in providing support for our Early Career Fellows through our **Fellows' Association**: those ECFs who do not already have a College attachment are assisted in finding a way into this valuable additional Cambridge dimension. We also provide advice and opportunities for networking. Inevitably, events for INT Fellows were curtailed for two years by COVID but we were able to resume our activities with a long-delayed Garden Party hosted by the Master of Trinity on the Bowling Green at Trinity, on a beautiful summer's day in July (see inside-back cover of this report).



*What our recent Early Career Fellows have said:*

*Let me just use this opportunity to express my deep gratitude – the understanding, flexibility and spontaneity of the INT and LT has been crucial in my academic perseverance during the pandemic... Without your support, I would have given up.*

*The opportunities – and freedom – this fellowship has given me to deepen my understanding of my research field... have been invaluable and will stand me in great stead as I progress in my career. Thank you for this wonderful opportunity!*



## We are thrilled to welcome 22 new INT Fellows to Cambridge this year.



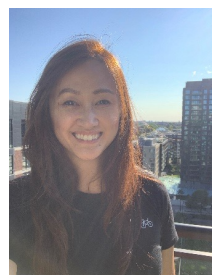
Dr Thomas  
Albrow-Owen,  
Engineering  
LECF



Dr Nathan Cofnas  
Philosophy  
LECF



Dr Alexander Gillett  
Physics  
LECF



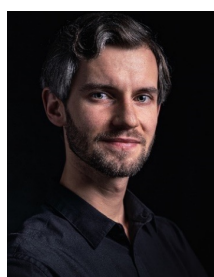
Dr Hooi-May  
Hen-Smith  
Law  
LECF



Dr Lloyd (Meadhbh)  
Houston  
English  
LECF



Dr Anne Janssen  
Pharmacology  
LECF



Dr Simon Kahmann  
Chemical  
Engineering &  
Biotechnology  
LECF



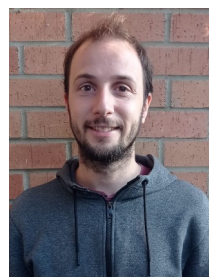
Dr Michael Loy  
Classics  
LECF



Dr Samuel Lunn-  
Rockliffe  
Archaeology  
LECF



Dr Gyuchul Myeong  
Astronomy  
LECF



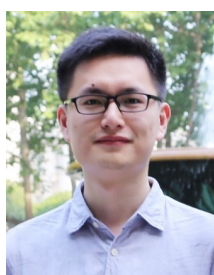
Dr Guillermo Najera  
Genetics  
LECF



Dr Farhana Rahman  
Politics &  
International Studies  
LECF



Dr Avital Rom  
Asian & Middle  
Eastern Studies  
LECF



Dr Lin Su  
Chemistry  
LECF



Dr Zoltan Tarascak  
Earth Sciences  
LECF



Dr Max Skjönsberg  
History  
LECF (2021-22)



Dr Miri Zilka  
Engineering  
LECF (2021-22)



Dr Cicely Whitely  
Philosophy  
Magdalene &  
Newnham ACDF



Dr Franziska Strack  
Politics &  
International Studies  
Lucy Cavendish  
ACDF



Dr Ashraf Zarkan  
Genetics  
Rosetrees 'Transition  
to Independence'  
Fellow



Dr Hannah Kurz  
Chemistry  
Humboldt Feodor  
Lynen  
ECF



Dr Anke Arentsen  
Astronomy  
Fitzwilliam College  
JRF



## LEVERHULME EARLY CAREER FELLOWSHIPS

The Isaac Newton Trust's commitment to providing the necessary institutional match-funding for Leverhulme Early Career Fellowships (LECFs) is one of the Trust's longest-standing and most successful contributions to the academic training of the next generation of researchers. Our support for this programme over the past 17 years represents one of the Trust's main contributions to building up the intellectual capital of the University.

Each year, the INT co-ordinates an internal competition to identify the very best scholars wishing to conduct postdoctoral research in Cambridge. The selection for a guarantee of matching funding to satisfy the entry requirements for the national competition is carried out by subject-specific academic panels nominated by the Schools. Any candidate who goes on to secure an award in the national competition can then rely on matching salary support from INT.

### Results of the 2022 competition

The Leverhulme Trust offered 148 awards nation-wide this year, across the full range of subjects, (apart from Clinical Medicine), of which 15 were made to applicants wishing to carry out research in Cambridge. Of these, seven are in the Arts, Humanities and Social Sciences, 6 in Physical Sciences & Technology and two in Biological Sciences.

The Leverhulme Trust actively encourages mobility between institutions and is unlikely to fund a candidate who has spent his or her entire academic career at the same University. Of the incoming cohort of new LECFs:

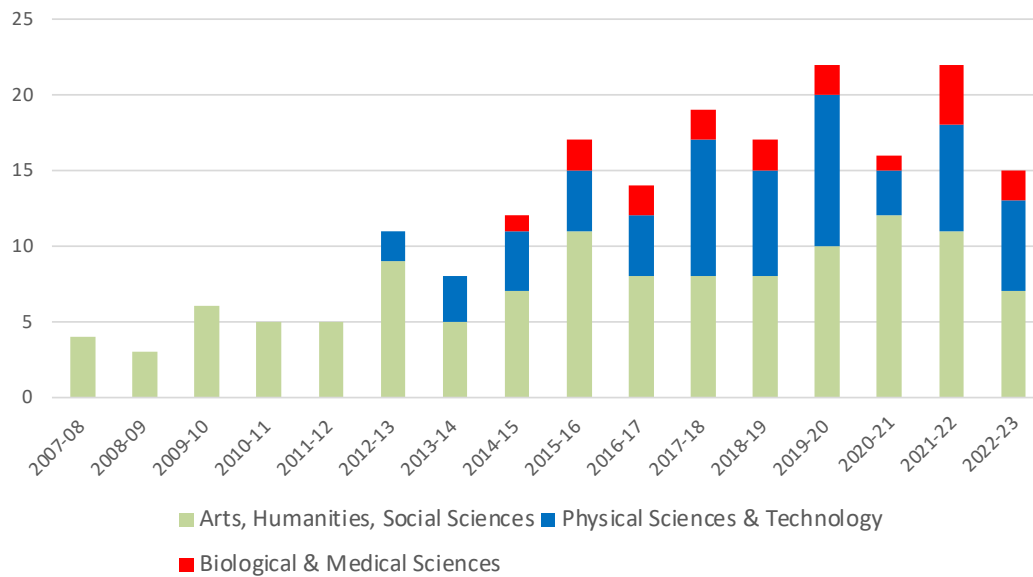
- 5 are alumni of Cambridge University or recent post-docs in Cambridge;
- Two are moving to Cambridge from the University of Oxford
- Two are from Harvard;
- And one new Fellow comes from each of: the University of Dundee; University College, London; the British School at Athens; Southeast University, Nanjing; the Hebrew University of Jerusalem; and the University of Alberta.

### Our record of support for Leverhulme Early Career Fellows

The INT started supporting Leverhulme Early Career Fellowships in 2007. It began in a small way, with contributions to four fellowships in the Arts, Humanities and Social Sciences, and has grown steadily as the INT has extended its support to other subjects. Fourteen cohorts have now received our support and the total cost to the INT constitutes a very large proportion of our annual expenditure.

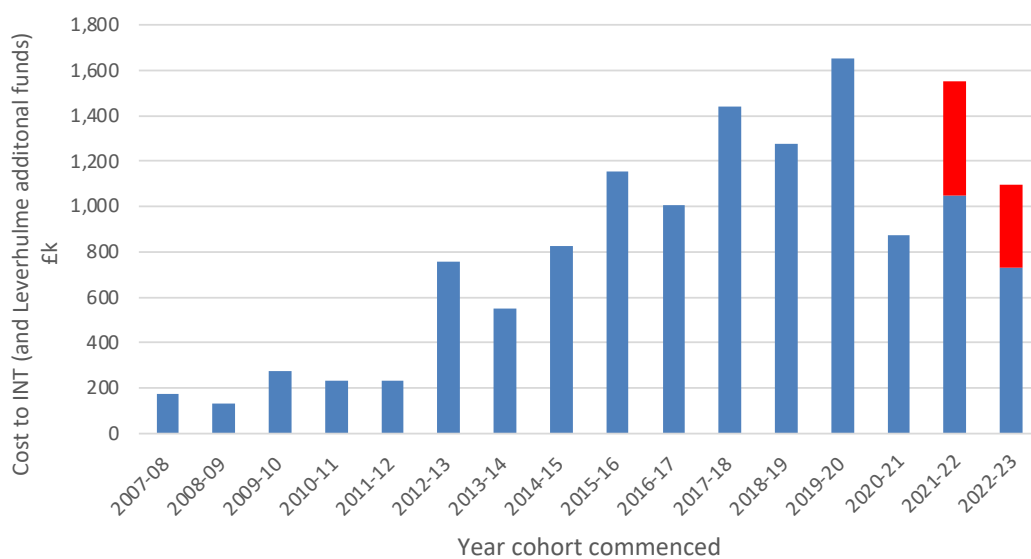
Over the past decade, the number of LECFs awarded for research at Cambridge has grown as the number awarded nationally has increased. Since 2012, Cambridge has typically obtained about 15% of the national awards. Indeed, Cambridge is the highest-ranking institution for the number of LECFs awarded across all subjects totalled since 2010, consistently ranking highest among UK institutions for the number of awards secured in STEMM subjects and in the top three for Arts, Humanities and Social Sciences.

**Figure 3: Numbers of Leverhulme Early Career Fellows with INT matched funding, by subject area, for the cohorts starting in the year shown:**



For the past two years, the Leverhulme Trust has provided additional support for each Fellowship by covering 100% of the first-year salary costs, leaving the host institution to provide only 50% of the costs for year 2 and 3. This has meant that the INT has been able to make provision for up to 20 new Fellows per annum within an annual allocation for this programme of £1m. Given our average success rate of around 40%, this has meant that the INT has been able to make 50 offers of support in principle for candidates entering the national competition. This exceptional contribution by the Leverhulme Trust ends this year, so Trustees will need to seek further sources of funding if we are to support Cambridge candidates to this same level in future.

**Figure 4: Cost (£k) of fifteen Leverhulme Early Career Fellows cohorts: INT contributions in blue; Leverhulme Trust's additional contributions in red**



Our Leverhulme/INT Early Career Fellows resident in 2021-22 were:

**Cohort 2017-18**

Hjordis Becker-Lindenthal	Divinity	Olga Petri	Geography
Franck Courbon	Computer Lab	Romans Vaters	FAMES
Calbert Graham	MMLL		

**Cohort 2018-19**

Magdalen Connolly	FAMES	Lucia Marti-Prats	Psychology
Gabrielle Davidson	Psychology	Charlie McTernan	Chemistry
Bart de Nijs	Physics	Alison Ming	DAMTP
Claire Donnelly	Physics	Robert Pralat	Sociology
Heye Freymuth	Earth Sciences	Justin Rivest	History
Charlotte Kenchington	Earth Sciences	Maria Rojo Carrillo	Music
Yang Liu	Philosophy	Jason Sanders	Astronomy
Christopher Markou	JBS		

**Cohort 2019-20**

Farah Ahmed	Education	Jingwei Liang	DAMTP
Luke Bridgestock	Earth Sciences	Xuan Liang	PDN
Bipasha Chakraborty	DAMTP	Elena Maters	Chemistry
Hajni Elias	FAMES	Daria Mattingly	MMLL
Sofia Gotti	History of Art	Robert Mok	MRC CBU
Tim Greenfield	Earth Sciences	Oliver Morgan	English
Martin Kleppmann	Computer Lab	Mathelinda Nabugodi	English
Adrien Lefauve	DAMTP	Christina Woolner	Soc Anthropology

**Cohort 2020-21**

Godwin Aleku	Biochemistry	Jacob Olley	Music
Lauren Davies	Geography	Michael Rule	Engineering
Lorna Dillon	POLIS	Dominic Walker	CRASSH
Kelly Fagan Robinson	Soc Anthropology	Dorane Zerka	MMLL
Jaakko Heiskanen	POLIS	Edward Zychowicz-Coghill	FAMES
Monica Nicolaidis Ramsey	Archaeology		

**Cohort 2021-22**

Peter Asimov	Music	Jiachen Jiang	Astronomy
Jan Behrends	Physics	Sebastian Kroupa	HPS
Rajesh Bhagat	DAMTP	Georgios Markou	History of Art
Abigail Bradshaw	MRC CBU	Cathy Mason	Philosophy
Sam Cobb	Chemistry	Rene Poncelet	Physics
Timothy Cooper	Soc Anthropology	Nicholas Posegay	FAMES
Jess Cotton	English	Jesús Sanjurjo Ramos	History
Maxime Fouyssac	Psychology	Max Skjönsberg	History
Carlos Gantner	PDN	Alexandra Wigzell	Criminology
Gabriel Jamie	Zoology	Miri Zilka	Engineering

## INT ACADEMIC CAREER DEVELOPMENT FELLOWSHIPS

During 2021-22, the Trustees began to explore ways to enable Early Career Researchers to develop the skills and experience needed for an academic career. The initial driver for this activity was the recognition that a number of Faculties and Departments in the Arts, Humanities and Social Sciences were struggling to cover their teaching needs while many Colleges were similarly unable to secure teaching cover and directing studies in some of the smaller subjects. It was also evident that the routes available to Early Career Fellows had become increasingly polarised into 'teaching' or 'research' streams, that some junior College teaching officers lacked a formal base in a Faculty and equally, that many Faculty-based researchers and teaching assistants lacked College connections.

It seemed to the Trustees that, in our collegiate University, it must be possible to create opportunities to join all these threads together.

The Trustees therefore consulted with the Chairs of the Schools in Arts, Humanities and Social Sciences, and, finding them very receptive to the idea, Trustees drew up proposals for a new model of three-year, fixed-term Fellowships. These new INT 'Academic Career Development Fellowships' (ACDFs) would be focussed on providing opportunities for the individuals appointed to gain the skills and research portfolio needed to set out on an academic career. However, there would be a happy secondary consequence: helping to solve College and Faculty teaching challenges. At the heart of each ACDF would be a three-way partnership between the INT and Faculty and one (or perhaps two) Colleges. The INT would pledge 40% of the Fellow's salary costs to protect their research time, the Faculty would fund 30% to cover teaching and the partner College would also fund 30% of the salary to cover supervision and Directing of Studies up to 80 hours per annum and offer a suitable College affiliation or Fellowship.

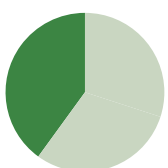
A pilot programme was drawn up with the Faculty of Philosophy and the Department of Politics and International Studies, and these forged partnerships with Colleges: in the case of Philosophy, two partner College (Magdalene and Newnham) agreed to share equally and in the case of POLIS, Lucy Cavendish would be the sole College partner.

Matching funds from the Faculty may come from various sources, including from the Schools and from Philanthropy. We have been very pleased to find strong interest from College Development Directors and from CUDAR in locating funds to support Colleges in joining partnerships in this new programme.

We are delighted to announce that the first two INT ACDFs will take up their Fellowships in October 2022: Dr Cicely Whitely (Philosophy with Magdalene & Newnham Colleges) and Dr Franziska Strack (Politics of the Environment and Lucy Cavendish College).

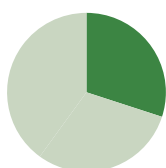
Trustees have agreed to extend the pilot for a further year. Consultation with the Schools of Arts, Humanities & Social Sciences, Faculties and Colleges will begin in Michaelmas Term with a view to recruiting at least three more Fellows, in a new range of subjects, to start in October 2023.

### INT ACDFs are structured and funded:



**40%**

Independent research  
(funded by INT)



**30%**

Faculty teaching



**30%**

College teaching

## HUMBOLDT FOUNDATION FEODOR LYNEN EARLY CAREER FELLOWSHIPS

The Humboldt Foundation's highly competitive Feodor Lynen Early Career Fellowships are held in leading Universities globally under the guidance of a Humboldt Fellow. The INT makes a contribution of £1,000 per month for up to 24 months for any candidate who secures a Feodor Lynen Fellowship for research in the University of Cambridge.

One Humboldt INT Early Career Fellows was in residence in 2021-22: Dr Aleksandar Kondinski (Chemical Engineering & Biotechnology)

Dr Hannah Kurz is our new Feodor Lynen Early Career Fellow 2022-23; she will be researching in the Department of Chemistry under the guidance of Humboldt Fellow Prof Jonathan Nitschke.

## INT/COLLEGE JUNIOR RESEARCH FELLOWSHIPS

Isaac Newton Trust/College Junior Research Fellowships provide up to £20,000 per year for three years towards stipendiary Junior Research Fellowships in the Arts, Humanities and Social Sciences. Since 2019, the Trust has also offered contributions of £3,000 per annum towards the cost of non-stipendiary JRFs in STEMM subjects.

Each College may have only one stipendiary and one non-stipendiary INT/College JRF at any one time. There is one round annually, in May/June. Selection of the Fellow is then a matter for the College, which is expected to apply the usual stringent academic criteria.

Eligibility is limited to those Colleges exempt from making a contribution to the University under Statute G, Chapter II. The list is published annually, and currently comprises: Clare Hall; Darwin; Downing; Fitzwilliam; Hughes Hall; Lucy Cavendish; Murray Edwards; Robinson; St Edmund's and Wolfson.

Four stipendiary and two non-stipendiary INT/College JRFs were in post in 2021-22:

College	JRF	Faculty/Department	start	end
Selwyn	Helena Phillips-Robins	MMLL/Italian	Oct 18	Sep 22
Lucy Cavendish	Rihab Khalid	Architecture	Oct 20	Sep 23
Robinson	Matthew Simpson	Philosophy	Oct 20	Sep 23
Fitzwilliam	Caitlin Harvey	History	Oct 21	Sep 24
Lucy Cavendish	Colleen Drapek	Plant Sciences (NS)	Oct 21	Sep 24
Murray Edwards	Moataz Assem	MRC Cognition & Brain Sciences (NS)	Oct 21	Sep 24

Dr Giulia Maltagliati (Classics, Clare Hall), who was appointed in 2021, was given leave to defer to 2022.

## Colleges' competition for JRF funding starting in October 2023

For the second year running, only one application was received, for a Stipendiary JRF in Arts, Humanities & Social Sciences, from Robinson College; this application was approved, at a cost of £60,000 over three years. Trustees have agreed to continue to offer JRFs in the coming year but will review the JRF programme in the light of the new Academic Career development Fellowships in due course.

## COLLEGE TEACHING OFFICERS' RESEARCH LEAVE

Launched in 2013-14, this programme aimed to encourage high-quality research among College Teaching Officers (CTOs). This was achieved through allowing Colleges to apply for grants to make full-time short-term junior teaching appointments of 9 to 12 months' duration to release an established CTO to take an extended period of leave for a significant research project.

Trustees reviewed this programme in 2021 against a background of declining applications and decided that the programme had run its course and should close, and other ways should be sought to support research in Colleges.

It has been agreed that, in future, CTOs wishing to seek research leave support may do so through the vehicle of INT Project Grants.

Two appointments were held during 2021-22:

College	CTO	Faculty/Department	Months
Fitzwilliam	Anna Watson	Economics	12
Hughes Hall	Martin Steinfeld	Law	12

## STUDENT AWARDS

The Trust has maintained a long-term commitment to providing competitive research scholarships to the best of the UK and EU students, many of whom have been unable to secure funding from public sources such as the Research Councils. The Trust does not itself award these scholarships but directs funding through existing University competitions. The Trust does not provide salary or research costs for students other than through these established major funding programmes.

## PHD STUDENTSHIP PROGRAMMES

The Trust supported the **AHRC Doctoral Training Programme (DTP) 2014-19** and is now committed to a **second AHRC DTP** for the period **2019-26** up to a total of **£1.2m**.

The Cambridge AHRC DTP brings together outstanding UK and EU postgraduate students in a programme that meets and challenges the highest international standards with respect to its intellectual and academic excellence. AHRC DTP2 is a consortium between Cambridge University, Oxford University and the Open University supported by strategic partnerships with the BBC World Service; British Telecom and the National Trust.

The Isaac Newton Trust supports half the stipendiary costs of up to six 3-year studentships per annum. The INT contribution enables students whose College is not a participant in a shared funding arrangement to take up their place.

The cost to the INT of 'DTP2' in 2021-22 was **£190k**.

## WIDENING PARTICIPATION & INDUCTION FUND

Discussions began in 2020 between the Senior Tutor of Trinity and the Director to explore the possibility of the Trust supporting Trinity's wish to establish a Widening Participation and Induction Fund to enable Colleges to expand and diversify their activities with prospective and incoming undergraduate students from disadvantaged backgrounds.

As the COVID pandemic took hold, the plans were suspended, but the need to support this strand of education became ever clearer. So when Trinity confirmed in March 2022 that it wished to respond to COVID by establishing a widening participation fund totalling £1.3m, the INT Trustees warmly embraced the proposal. It was agreed that the INT should manage applications from Colleges and arrange for their assessment against competitive criteria in two rounds each year.

Suitable projects might include:

- developing subject interests at younger age ranges,
- encouraging applications to Cambridge (or other leading universities) among Year 12 students;
- or working with offer-holders and incoming students to build up their subject knowledge or study skills in preparation for university study.

All Colleges are eligible; they may apply singly or in partnership with other Colleges or institutions within the University. The maximum grant in any one academic year is £50,000 per College.

A Panel of experienced admissions professionals from across the collegiate University, and chaired by a Trustee, was appointed to oversee the programme and to assess the applications. The WPIF Panel (which has been re-elected for 2022-23) comprised:

- Professor Loraine Gelsthorpe (Trustee, Chair)
- Dr Glen Rangwala (Tutor for Admissions, Trinity College)
- Dr Marina Frasca-Spada (Chair, Senior Tutors' Committee)
- Dr Emily Tomlinson (Co-Chair of the Admissions Forum)
- Mr Tom Levinson (Head of Widening Participation and Regional Collaboration, CAO)
- Director of INT (in attendance)

An inaugural round was held in June 2022; nine applications were received from 10 Colleges and six awards were made, totalling **£101,024**.

The efficacy of the programme will be kept under close review by the Panel and Trustees and we look forward to receiving feedback from the successful Colleges. Two rounds will be held in 2022-23: in February and June 2023.



*What our WPIF participants have said:*

*I am so glad I took part in this programme and would recommend it for anyone who, like me, was feeling nervous about studying at Cambridge*

*I'm so much more confident as a result of the programme and now I can't wait to start.*

*Rather than having to hide my background to 'fit in' ... it embraced widening participation and celebrated it. I'm incredibly, incredibly grateful to have been on the course.*



## TRUST POLICIES AND FINANCES

In deciding who and what to fund, and to what extent, the Trustees continue to hold to the following general principles:

- promote excellence in research and scholarship;
- respond flexibly to emerging needs;
- help new projects get off the ground, committing to individual projects for no more than 5 years, and reviewing ongoing programmes at intervals;
- prioritise early career researchers, helping to nurture and grow the University's intellectual capital;
- assist the University to secure funding from outside sources wherever possible.

The Trustees' overall financial management policy is to ensure that Trinity College's donations are used to their full potential. Following a series of Strategic Reviews, undertaken since 2015, three key approaches have been established:

- investing unspent income appropriately and spending the resulting income;
- holding sufficient reserves to cover our forward commitments in the event that all sources of income ceased, but otherwise making full use of donated income for the support of research in the collegiate University;
- budgeting to bring our reserves and forward commitments into balance.

### Audited accounts 2021-22

For full details see: <https://www.newtontrust.cam.ac.uk/about/Accounts>

	2021-22	2020-21	2019-20	2019-20	2018-19
<b>Opening reserves</b>	<b>£4,510,748</b>	<b>£3,045,317</b>	<b>£3,543,790</b>	<b>£3,543,790</b>	<b>£6,868,019</b>
Income	£2,621,139	£1,772,028	£1,846,009	£1,846,009	£1,960,297
Expenditure	£2,478,535	£1,612,750	£2,372,123	£2,372,123	£5,296,340
Gain (Loss) on investments	-£265,656	£1,306,153	£27,641	£27,641	£11,814
<b>Closing reserves</b>	<b>£4,387,695</b>	<b>£4,510,748</b>	<b>£3,045,317</b>	<b>£3,045,317</b>	<b>£3,543,790</b>

Three features stand out strongly from our financial headlines over the past few years:

- our exceptional income in 2021-22 due to the additional grants made by Trinity College to support the Trust through the turbulence of the COVID crisis;
- low expenditure in 2020-21, mainly due to decreased demand for Research Grant funding, and recovery to previous levels in 2021-22;
- a loss in value of our investments this year following considerable gain in 2020-21.

The effects, which are discussed earlier in this report, effectively cancel out to result in closing reserves of just under £4.4m (compared to £4.5m last year).

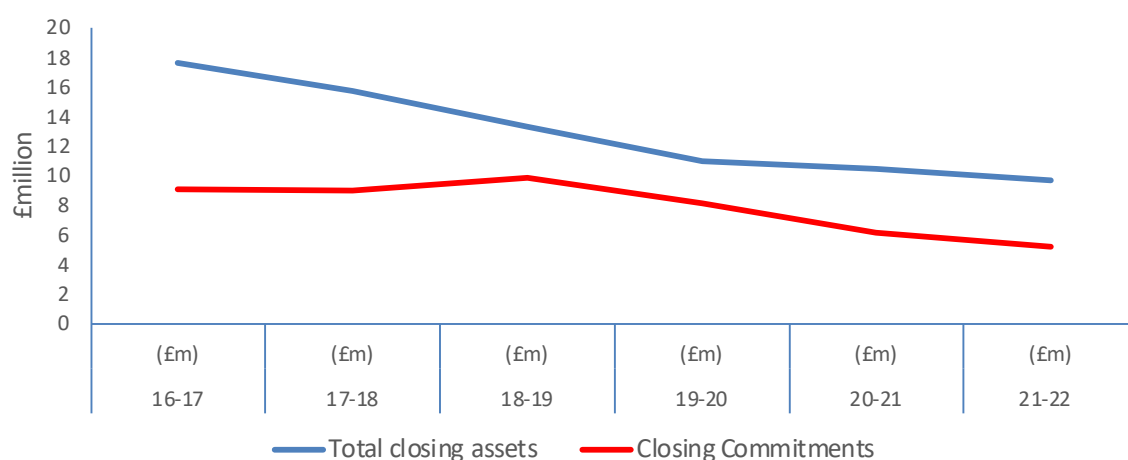
Peters, Elworthy & Moore were Auditors to the Trust for the financial year 2021-22. Our audited accounts may be found at <https://www.newtontrust.cam.ac.uk/about/Accounts>

## Resource management

Since 2015, Trustees have had a policy of maintaining our assets at a level to cover all our forward commitments in the event of our income ceasing, plus a margin that would enable Trustees to respond to new and compelling opportunities. The initial phase of reducing our investments through a programme of large grants has now come to an end and assets and commitments are balanced.

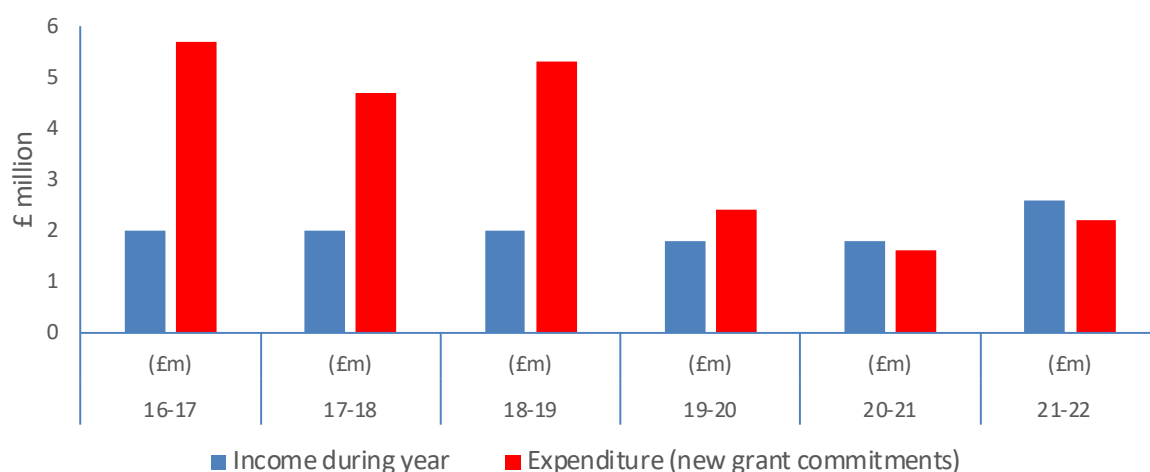
Trustees are now additionally required to hold total assets at about £10m at the end of the financial year for the purposes of investment in CUEF (see below). Last year, we were able to draw a line under our planned reduction in investments and there were no withdrawals from the CUEF in 2021-22.

**Figure 5: Assets (Investments + bank) & Commitments at Year End**



Trustees now budget for new research commitments in line with expected income (Figure 6). For the 2021-22 financial year, the budget was originally set at £2.0m, but adjusted as we received additional donations from Trinity College. Trustees review the allocations to different categories of grant expenditure annually in March, when it becomes clear what the total income and demand is likely to be for the financial year.

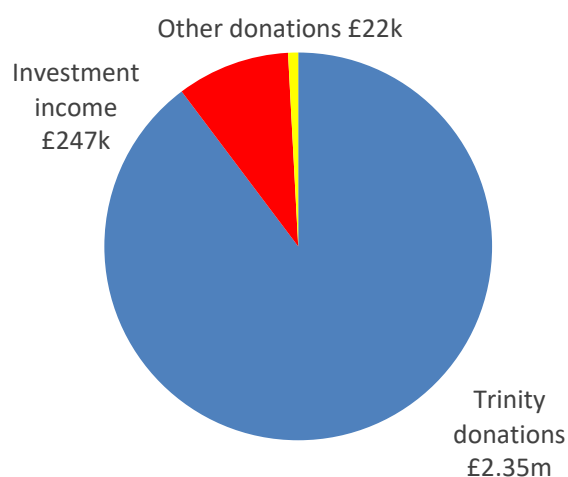
**Figure 6: Income & Expenditure (new grants only)**



## Income 2021-22

**Total income** in 2021-22 was **£2.62m**

**Figure 7: Income 2021-22**



The Trinity donation (**£1.5m**) is the Trust's main source of income. In 2021-22, the College's Expenditure Committee provided an additional **£750k** to help to stabilise the Trust's finances through the COVID crisis.

In March 2022, Trinity also provided funds for Widening Participation & Induction grants, which amounted to **£101k** this financial year.

Of our other income, most arises from the investment of past donations, and so comes indirectly from Trinity. Our income from investments fell slightly to **£247k** this year (£253k in 2020-21; £336k in 2019-20; £447k in 2018-19; £533k in 2017-18; £524k in 2016-17).

Private donations to the Trust, channelled mostly through Trinity College, amounted to **£22.0k** including Gift Aid. There has been a welcome increase in our income from donations by Trinity alumni over the past two years, due perhaps to the closer relationship we have developed with Trinity's Alumni and Development Office. We will report our recent legacy (see p27) in next year's accounts.

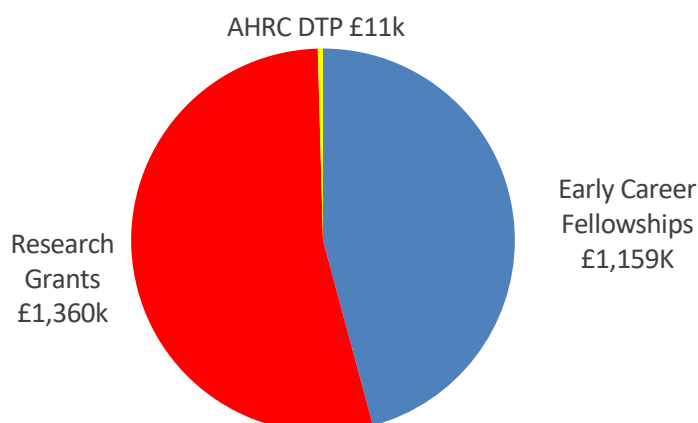
Our bank deposit account yielded **£700** in interest.

There was no income from the exploitation of intellectual property generated by INT grants in 2021-22.

## Expenditure 2021-22

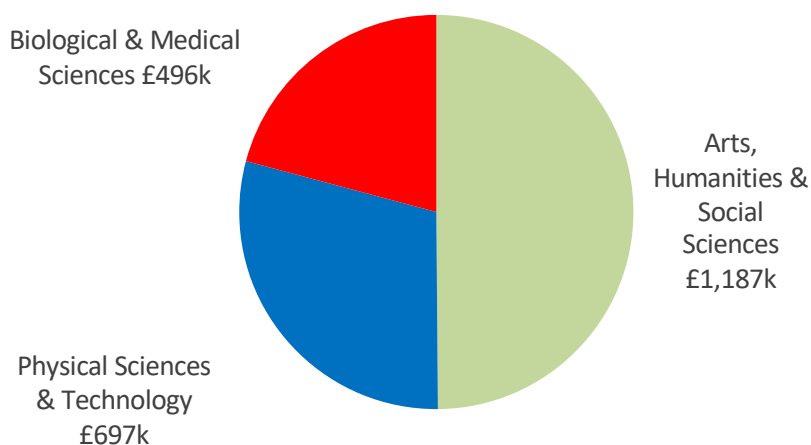
**New commitments** to research grants and fellowships in all categories amounted to **£2.4m**.

**Figure 8: New research commitments by major funding category 2021-22\***



As this Report makes clear, the activities of the Isaac Newton Trust are far from being concentrated on science subjects. When all research grants are added together, almost half of the new commitments made in 2021-22 were for research in the Arts, Humanities and Social Sciences (Figure 9).

**Figure 9 All new grants by subject area 2021-22\***



\*Figures include COVID grants in each category

At the end of this year, the Trust carried **forward commitments** totalling **£4.4m** (£6.1m in 2020-21; £8.0m in 2019-20; £9.8m in 2018-19, £8.9m in 2017-18).

Expenditure and forward commitments are accounted for net of write-backs and refunds:

- **Write-backs** of unused portions of grants account for a significant reduction in commitments carried forward from year to year. The Trust wrote back **£310k** in 2021-22, principally from Early Career Fellowships where the holder succeeds in securing another grant or post before the scheduled end date. Trustees decide annually in March whether to recommit some of these write-backs;
- **Refunds** from the residue of completed projects amounted to **£47K** in 2021-22.

**Administration** accounted for **5%** of our total expenditure:

Expenditure	2021-22	2020-21	2019-20	2018-19	2017-18
staff salaries, pensions, NI	£95,302	£91,705	£98,090	£102,673	£92,379
rent, services, miscellaneous	£15,146	£13,871	£9,924	£11,596	£31,199
governance, audit, accounts	£9,877	£8,851	£10,044	£14,438	£14,590
<b>Total</b>	<b>£120,326</b>	<b>£114,427</b>	<b>£118,058</b>	<b>£128,707</b>	<b>£138,168</b>

## Investment Strategy

The Trust's investment portfolio is placed in the Cambridge University Endowment Fund (CUEF), whose performance is reviewed periodically by the Trust's Investment Sub-committee. The Trustees' agreed primary objective is to aim to achieve a total return of at least CPI inflation plus 5% with the additional requirement that the portfolio be invested in a socially responsible manner. We have attended regular meetings with CUEF and are pleased to report that good progress is being made towards a net zero portfolio by 2038.

CUEF issued an updated Information Memorandum this year. Trustees have noted the requirements for an investor in CUEF to hold more than £10m in Cash and Investments in order to be recognised as a 'professional client' and therefore be eligible to invest in CUEF. At the end of year 2021-22 our total holdings were approximately £7.1m in investments plus £2.6m cash in the bank (see Fig 5, p24).

Trustees have also been required to sign a Comfort Letter in compliance with Anti Money Laundering (AML) requirements and were invited to declare any PEP relationships (ie with Politically Exposed Persons); none were declared.

## Fund-raising

The Isaac Newton Trust does not itself fund-raise but works with Trinity's Alumni Relations and Development Office to facilitate donations to the Trust via the College, which then assumes responsibility for verifying the source of donations and management of donations, including, for the first time this year, collection of Gift Aid on our behalf.

During 2021-22, we have, with the help of Trinity's Executive Director of Alumni Relations & Development, Bill O'Hearn, been able to raise the profile of the Isaac Newton Trust on the College's website <https://www.trin.cam.ac.uk/alumni/isaac-newton-trust/> and established a direct link to it from our own. This appears to be bearing fruit, as donations have begun to increase.

What we had not foreseen however, was that a Trinity alumnus would wish to make a generous donation to the Trust in his will: in July we were informed of a legacy 'for the general purposes of the Trust' from the estate of the late Brian Shiers Lowe (Trinity 1931).

Mr Lowe's c.v. is remarkable by any standards. He read Law at Trinity and went on to become a City solicitor. After war service as an Officer in the Royal Naval Volunteer Reserve, he emigrated to Canada, first as Assistant British Trade Commissioner and then as a solicitor in Vancouver, eventually retiring to New South Wales in 1975, where he died aged 108 in February 2022.

In 2016, Mr Lowe became the oldest person to have a degree conferred by the University of Cambridge: he had been eligible for the MA degree from the age of 24, but, like many graduands, never quite got round to it. Then, nearly 80 years later, he wrote to Trinity:



***I thoroughly enjoyed being at Cambridge. There is no doubt that it influenced my outlook for the better and that having a BA Cantab Law was very useful in obtaining employment in Canada.***

***I had been thinking of applying to be awarded an MA for some years but never got around to it. However, now that I am 102 I would very much appreciate having an MA to complete my CV.***

We extend our heartfelt thanks to Mr Lowe and condolences to his family. We will be able to provide further information on this magnificent donation and how it will be used in next year's Annual Report.

## Governance

The Isaac Newton Trust was founded by Trinity College and receives almost all its income from the College. At the beginning, all Trustees were appointed by Trinity Council, and many were also Fellows of the College, indeed, the Master and Vice-Master were Trustees *ex officio*. Since 2015, however, Trinity has gradually reduced its role in the governance of the Trust, preferring to leave the decision-making in the hands of Trustees drawn from the wider collegiate University. INT continues to work closely with Trinity: we provide our Annual Report for the scrutiny of the College Council, and we also now report on our strategic plans to the College's Expenditure Committee ahead of their annual budgetary discussion, at which the donation to the INT for the coming year is determined.

The INT has, since 2010, claimed exempt status as a connected institution of the University under the Charities Act. Over the past three years, the University's scrutiny has taken the form of a presentation of the Trust's Accounts and an overview of its policies and future direction to the University Finance Committee's Business Working Group. As part of this process, discussions have been had about the Trust's status with respect to the University, and the University's legal advice, which has been accepted by the Trustees, is that the INT should now register as a charity in its own right.

In preparation for this change, and with the encouragement of our Auditors, Trustees have engaged with the Charity Code of Governance as it applies to charities with a turnover of more than £1m per annum. Recognizing the small size of the INT and the fact that almost all of its financial interactions fall within the collegiate University, Trustees have agreed to:

- work within principles published in the guidelines and policies of Trinity College and the University and not to draw up a separate Code of Conduct;
- identify areas in which further action by INT is required or should be considered;
- seek external assistance with HR support as needed and seek legal advice as and when necessary;
- form a Personnel Standing Sub-Committee to cover appointments, terms and conditions, and any incidents such as complaints, misconduct or whistleblowing;
- publish the Trustees' Register of Interests on the website;
- collect and publish EDI data on our grant-giving activities so far as possible;
- obtain Employers' Liability Insurance, with some public liability cover for events;
- publish a statement summarising these decisions  
see: <https://www.newtontrust.cam.ac.uk/about/deed/charity-code-governance>;
- review our progress with respect to the Code annually in July.

## The INT Office

The Trust has, since 2017, occupied two offices, and a large storage space, in the Postdoc Academy at Eddington, on the University's new development for postdoctoral researchers at West Cambridge. This arrangement, under which the Trust pays a peppercorn rent while receiving support for its IT through the University's Information Services, was set up for an initial period of 5 years and so is due to end in September 2022.

In spite of the considerable disruption brought about by COVID (which meant that we effectively abandoned the office for more than a year and have, even now, only partially returned from our 'home offices') the Trust has benefitted greatly from the close working relationship we have developed with the Postdoc Academy and excellent IT support. Trustees have therefore agreed that they wish to continue with this arrangement and, with encouragement and support from Pro-Vice-Chancellor David Cardwell, we are pleased to report that a new lease, under amended terms, is being negotiated.

## COMINGS AND GOINGS...

Trustees were saddened to learn of the death of Sir Tony Wrigley, on 25 February 2022. Tony was Chair of the Trustees from November 1999 to July 2007 and a great friend of the Trust. A moment of commemoration was held in his honour.

This report also marks considerable changes in the membership of the Trustee body. On the face of it, having at least 10 Trustees, each of whom may serve up to nine years consecutively, would seem to offer a degree of stability to the Trustee body, allowing for one (or at most two) Trustees to leave each year. However, we have slipped out of this pattern in recent years and have found ourselves recruiting three new Trustees as three long-serving and highly-valued colleagues reached the end of their maximum tenure.

Professor Gerard Evan and Professor Richard Smith left at the July 2022 meeting, having served for nine years, and Professor Jeremy Baumberg came to the end of his tenure in September, ten years after he first joined the Trust. Our Deed was drafted at a time when Trustees were generally retired academics, so sabbatical leave was not considered as something for which a policy was needed. However, Jeremy put this to the test by taking a year of sabbatical (calendar year 2021). Trustees were happy to suspend the final year of his service accordingly. Professor Rae Langton immediately followed the trail blazed by Jeremy and took sabbatical for the academic year 2021-22.

We will miss the wise and collegial company of Richard, Gerard and Jeremy, but are thrilled to have recruited three excellent new Trustees:

**Professor Ash Amin CBE FBA FAcSS FWAAS (from 01 June 2022);  
Professor Ben Simons FRS FMedSci (from 01 August 2022); and  
Professor John Pyle CBE FRS (from 01 November 2022).**

We look forward very much to working with these new colleagues and are pleased that our Trustee body is as diverse now as it has ever been.

The Trustees marked the end of this era – and the end of the worst of the COVID lockdowns – by returning in person to Trinity in July 2022. The Trustees were able to hold their first ‘in person’ meeting in two years and greatly enjoyed the opportunity to share dinner together afterwards. We were not only able to say farewell to our departing Trustees, but also finally to thank in person our former Chairman, Lord Robert Mair.

Also in July, Dame Sally Davies, the Master of Trinity, welcomed INT Trustees and Fellows to a Garden Party on a gloriously sunny afternoon in Trinity’s lovely riverside gardens.



The Director and Chair of the Trust, with the Master of Trinity (centre) at the Fellows' Garden Party: JET Photographic.



Finally.....

We are sorry to report that Isaac Newton's apple tree in the Botanic Garden, which featured so magnificently in our 2020-21 Annual Report, succumbed to Storm Eunice in February. We hope that perhaps another clone from the tree at Woolsthorpe Manor might be found to take its place.

Image credit: Sam Brockington







The Master of Trinity, Dame Sally Davies, with INT Fellows July 2022: JET Photographic.



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