



BRAIN HEALTH ARC

Scottish Funding Council,
Alliance for Research Challenges in Brain Health

*Creating and supporting new cross sectoral, multidisciplinary collaborations
with a shared vision of improving our nation's brain health,
making Scotland the 'go to' destination for brain health research,
and finding solutions to the societal challenges associated with brain ageing.*



Scottish Dementia
Research Consortium



Formed in 2013

Launch event in Edinburgh

100 members

10th Birthday Glasgow 2023

>1000 members

Multidisciplinary experts





- **300 research papers**
- **Research recruitment**
- **Close links with other groups**
- **Support co-production**
- **Response to UK / Scottish Govt**
- **Scientific outreach**



Scottish Dementia Research Consortium



Scottish Dementia
Research Consortium

Scottish
Dementia
Research
Consortium

All of Scotland ? Rest of the world ?



Scottish Dementia
Research Consortium

Scottish

All of Scotland ? Rest of the world ?

Dementia

Brain Health ?

Research

Consortium



Scottish Dementia
Research Consortium

Scottish

All of Scotland ? Rest of the world ?

Dementia

Brain Health ?

Research

Innovation/ training/ policy ?

Consortium



Scottish

All of Scotland ? Rest of the world ?

Dementia

Brain Health ?

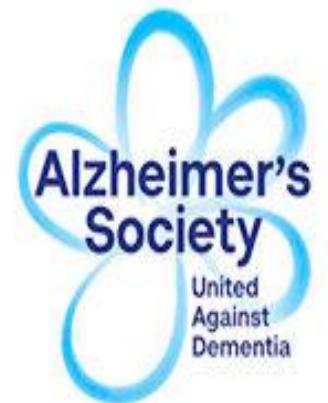
Research

Innovation/ training/ policy ?

Consortium ...or research silo ?



NIHR | National Institute
for Health Research





Scottish Funding Council
Comhairle Maoineachaidh na h-Alba





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External Advisory Board



University
of Glasgow



University
of Dundee



University of the
Highlands and Islands
Oilthigh na Gàidhealtachd
agus nan Eilean



1495
UNIVERSITY OF
ABERDEEN



Royal Conservatoire
of Scotland

?

Digital Health & Care
Innovation Centre

Alzheimer's
Research UK

Canon

ENRICH
SCOTLAND



?

GCU
Glasgow Caledonian
University

The Scottish
Government
Riaghaltas na h-Alba



ARC Executive
Chair, Co-chair
Thematic leads

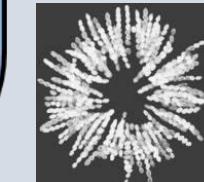
Alzheimer
Scotland
Action on Dementia

ndcan
National Dementia Carers
Action Network

NHS
SCOTLAND
NHS RESEARCH SCOTLAND

UNIVERSITY OF THE
WEST of SCOTLAND
UWS

University of
Strathclyde
Glasgow



SINAPSE

SIEMENS

ALZHEIMER SCOTLAND
CENTRE FOR POLICY AND
PRACTICE

B Brain Health
Scotland

Scottish Brain Sciences

SULSA
Scottish Universities Life Sciences Alliance

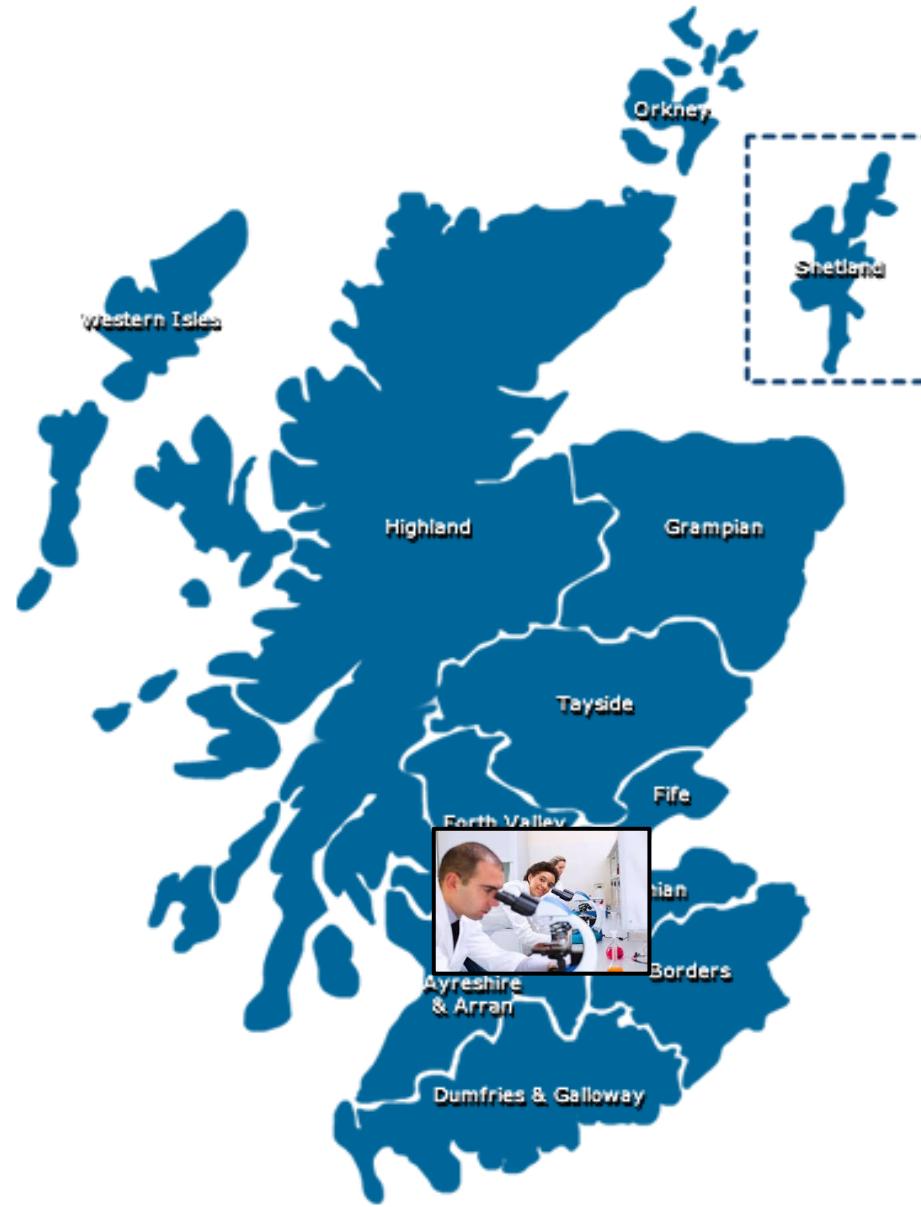
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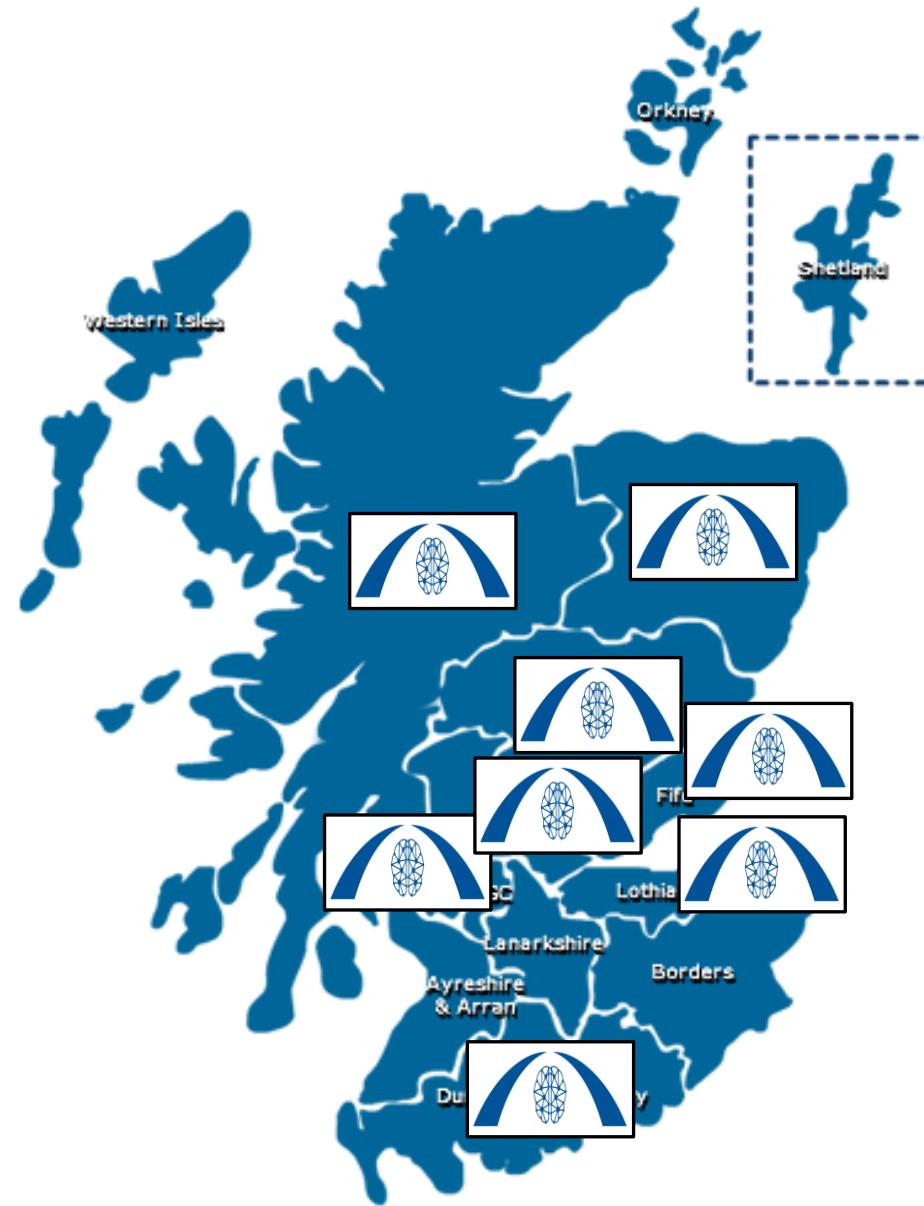
UNIVERSITY of
STIRLING

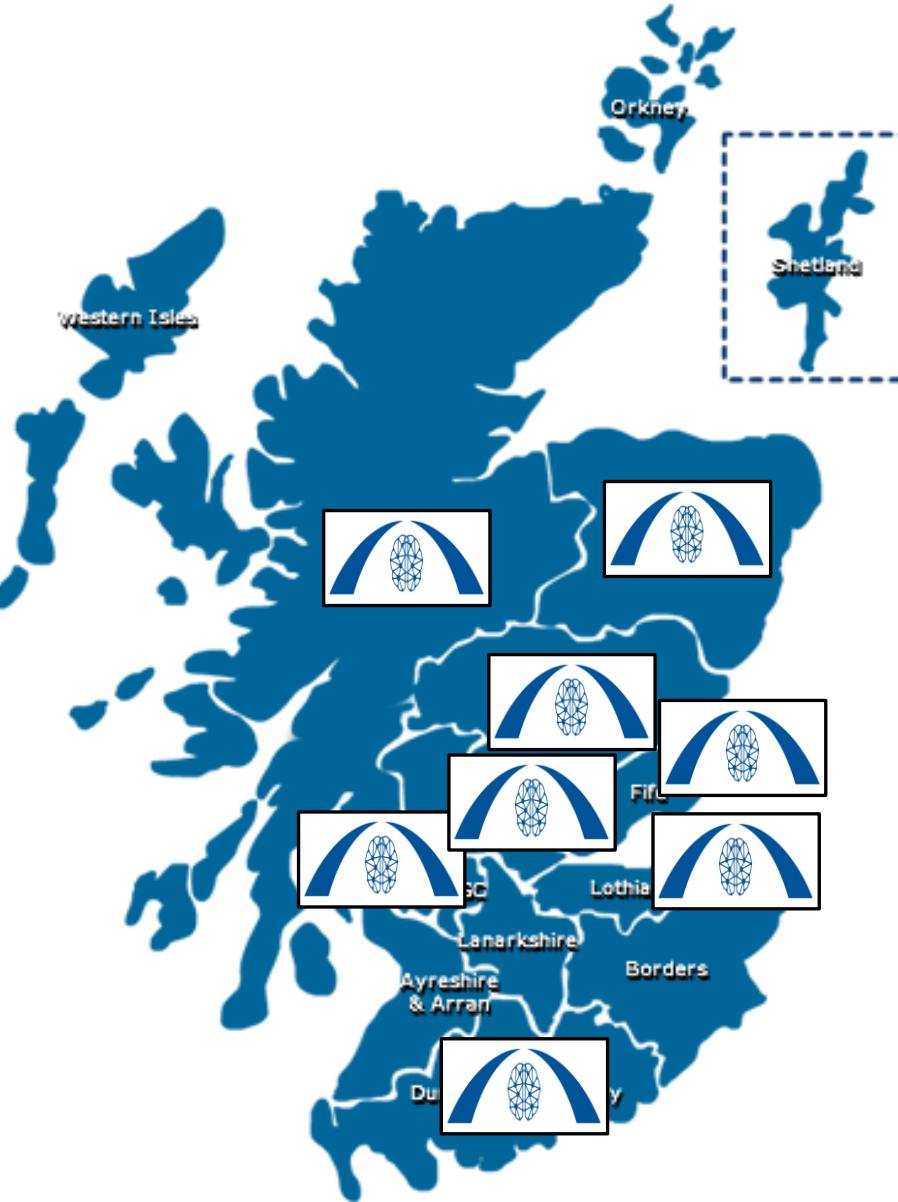


Edinburgh Napier
UNIVERSITY

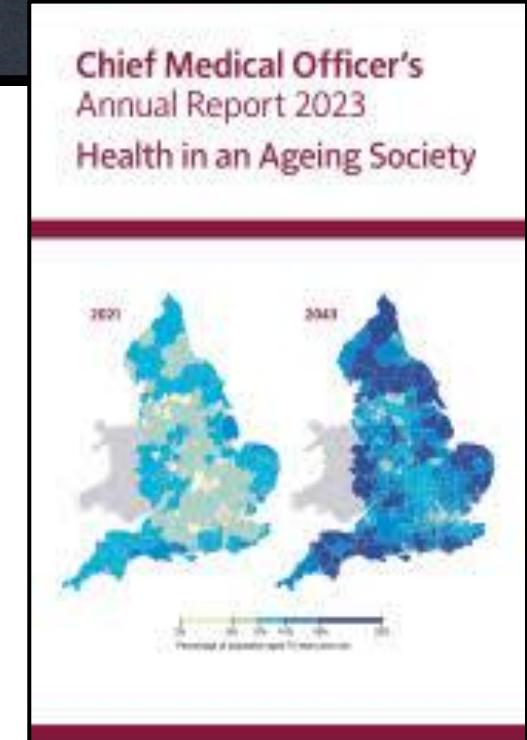
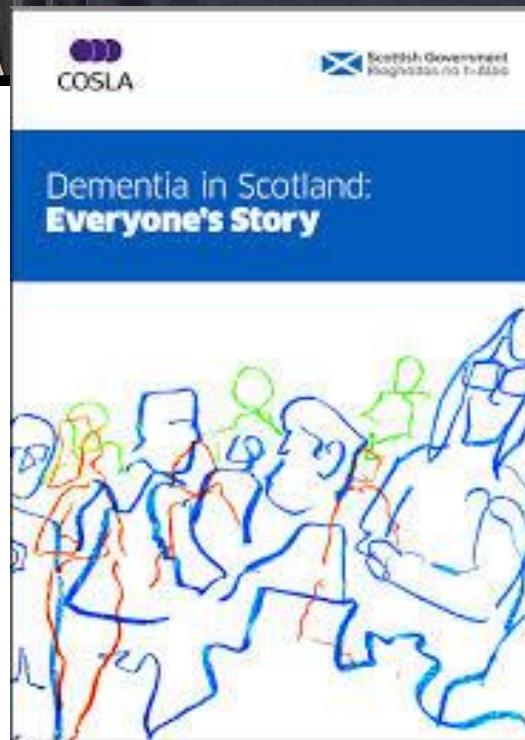
University of
St Andrews







Shaping policy



Creating community



Creating community



Coming soon...

- Arts and brain health meeting
- Data showcase
- Industry start up workshop
- Writing retreat



Supporting Early Career Researchers

Brain Health Alliance
Webinar Series

DIFFERENCES BETWEEN ACADEMIA & INDUSTRY

with Dr Stina Saunders (Research Fellow, University of Edinburgh) and Dr Sophie Bradley (Director, Sosei Heptares)

1-2 PM
1 March, 2024

Online
via Zoom



Mrs Wendy Chambers



Prof Frank Gunn Moore



Dr Jodi Watt



Dr Fiona Kerr



Prof Bettina Platt



Dr Tom Russ



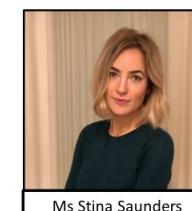
Prof Craig Ritchie



Prof Debbie Tolson



Dr Terry Quinn



Ms Stina Saunders



Sharing resources



**Best practice in language around
brain health and older adults**

Traditional/Digital/BBBM Assessments

Family history of the disease

Clinical trial history

Concomitant medications

Full demography collection with
race & ethnicity
(as well as DOB, age, sex, marital
status, years of education, occupation)

A β PET results
(centrally read with quantitation)

Updated medical history
(esp. chronic disease)

Retinal imaging
*329 participants



24%

of total participants
from traditionally
underrepresented
communities

1000+ Participants Enrolled

Traditional cognitive tests
RVLT, MMSE, GDS, FAQ

Peripheral biomarkers via blood

Genetics: Full genome sequencing;
APOE status

Digital tests: DCT, cognitive assessment,
eye movement and audio/voice.

Linus: digital remote brain health
screening cognitive and motor functions

NfL and GFAP test results

Proteomic Test results

A β 40, 42, 42/40 test results

Total Tau, Brain Derived [BD] Tau,
pTau-181, pTau-217, pTau-231
test results



Shaping policy



Creating community

Brain Health Alliance Webinar Series

**DIFFERENCES BETWEEN
ACADEMIA & INDUSTRY**

with Dr Stina Saunders (Research Fellow, University of Edinburgh) and Dr Sophie Bradley (Director, Sosei Heptares)

Supporting ECRs

The graphic features a photograph of a female scientist in a lab coat and gloves working at a bench. Two circular profile pictures of women are overlaid on the image.



Sharing resources

CONTRIBUTIONS FROM: BILL GATES
global health philanthropist

ELIAS ZERHOUNI
former NIH director

HILARY EVANS
U.K. Alzheimer's leader

THE NEW AGE OF ALZHEIMER'S

*The soaring burden of dementia threatens global health.
Science is paving new paths to solutions.*



POWERFUL
NEW
DIAGNOSTICS

ALZHEIMER'S
BALLOONING
COSTS

THE
CAREGIVER'S
DILEMMA

SCIENTIFIC
AMERICAN™
CUSTOM MEDIA