

Jean Golding Institute for Data Intensive Research

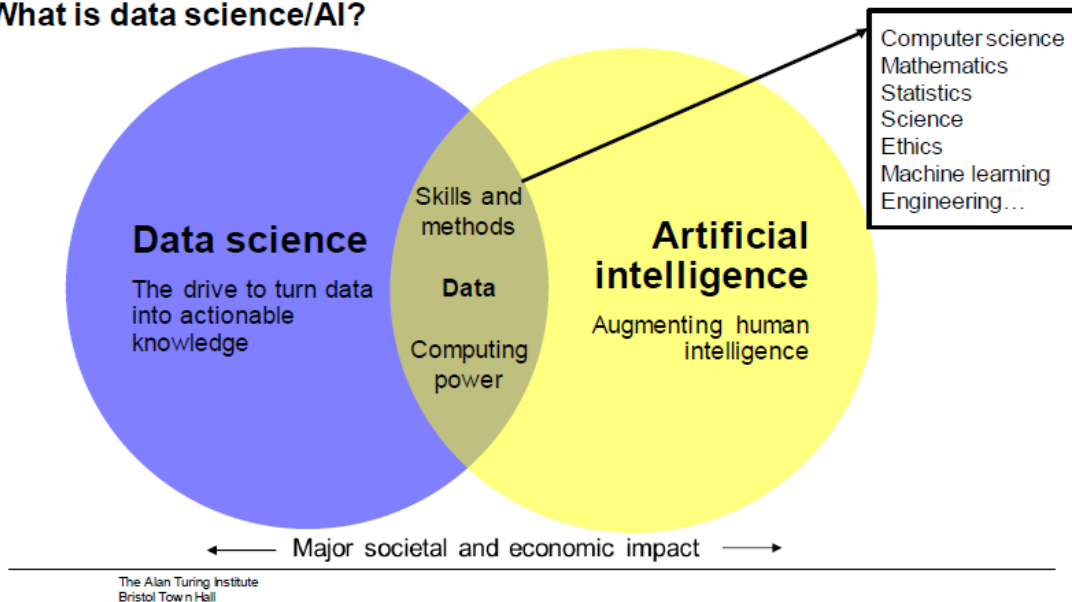
**Prof Kate Robson Brown,
Director and Turing University Lead**

Alan Turing Institute Fellowship call –
Deadline 10th August 2018

The Alan Turing Institute

The national institute for data science and artificial intelligence

What is data science/AI?



The goals of the ATI

Innovate and develop
world-class research in
data science

Apply our data science
research to real-world
problems, supporting the
creation of new products,
services and jobs

Train the next generation
of data science leaders

Advising policy-makers
and shaping the public
conversation around data

Universities' network

The
Alan Turing
Institute



EPSRC

Engineering and Physical Sciences
Research Council



Partners' network: industry, government and third sector



Lloyd's Register
Foundation



[dstl]



accenturedigital



CRAY



Cystic
Fibrosis Trust



nationalgrid

SIEMENS

The Turing community – a snapshot

147 Turing Fellows

19 Research Fellows

64 PhD students (17 on a short-term enrichment placement)

19 Interns (12 week programme)

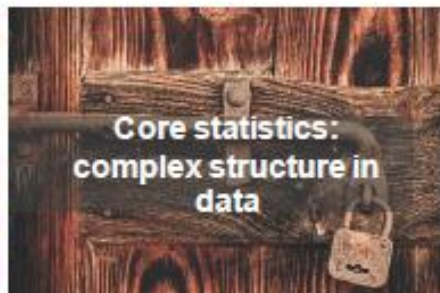
50+ Visiting Researchers from academia, industry, govt

13 Software Engineers/Data Scientists

50 members of the business team



Methods and cross-cutting themes



Challenges



Current ATI research Programmes

- Health
- Public Policy
- AI
- Economic data science
- Defence and Security
- Data Science at scale
- Data Centric Engineering

The Alan Turing Institute

- Bristol becomes a member of the ATI from 1 August 2018
- The Jean Golding Institute will manage the engagement with the ATI
- Kate Robson Brown is the Turing University Lead
- Patty Holley is the University Liaison Manager

Benefits for UoB researchers working within the ATI

- Turing Fellowship Scheme
- Opportunities to lead in Programme roles
- Access to a team of software engineers and data scientists
- Access to cloud credits, Intel cluster, HPC
- Access to seed-funding
- Access to workshop funding
- Access to domain specific internal calls (eg AI, ethics)
- Doctoral awards competition
- Membership of special interest groups
- Opportunities to collaborate with researchers drawn from the 13 member universities, in a physical space with no disciplinary boundaries
- Opportunities to engage with industry partners and government

Current Call: Alan Turing Institute Fellowship Scheme and for Turing Sponsored projects

- Turing Fellowship Scheme – to allow University academic staff to develop collaborations with Turing partners, initiate new research projects and set the agenda for the ATI
- Must hold contract of employment with UoB
- Broad subject eligibility including data science, artificial intelligence or **related fields**
- All career stages welcomed
- 1-2yrs
- 0-5% buyout, to be agreed with HoS/Dean
- Turing Fellows are expected to engage locally with ATI related activities as well as with ATI HQ.

Application process – as light touch as possible!

- Short CV (no more than 2 sides of A4)
- Fellowship proposal (no more than 2 sides of A4) to include:
 - A research plan and its relevance to the ATI research remit
 - Explanation of how involvement with the ATI will benefit the applicant, and a description of how the applicant will engage during the fellowship period.
 - Intentions for collaboration through the ATI, for example with other researchers, industry partners, government....
- FeC broken down by project year (ATI does not pay overheads)
- HoS/Dean agreement
- Send application to jgi-admin@bristol.ac.uk by 10 August 2018

Current Call: Alan Turing Institute Fellowship with a Turing Sponsored project

- To allow University academic staff to develop novel ideas for research in data science and AI and its applications that are aligned with the ATI challenges and programmes
- Must hold contract of employment with UoB
- Broad subject eligibility including data science, artificial intelligence or **related fields**
- All career stages welcomed
- 1-2yrs
- Successful applicants will automatically become Turing Fellows
- Turing Fellows are expected to engage locally with ATI related activities as well as with ATI HQ.

Projects should demonstrate or have potential for...

- Cross member university collaboration
- Cross-disciplinary research
- Cross-sector research
- Scholarly excellence which will make a significant original contribution to relevant fields
- Ambition
- Sustainability, with plans for future external funding

Application process –

- Short CV (no more than 2 sides of A4)
- Project proposal (no more than 4 sides of A4) to include:
 - Scientific background and motivation, and fit to ATI challenge areas
 - Anticipated outputs and impact of the work as it relates to the university, ATI, and wider science and AI research landscape
 - Evidence of core expertise required to support the programme
 - Intentions for collaborating with others outside of the university eg ATI researchers, industry partners, government...
 - Prospects for continuation of the project beyond the initial funded period
- FeC broken down by project year (ATI does not pay overheads)
- Justification of resources
- HoS/Dean agreement
- Send application to jgi-admin@bristol.ac.uk by 10 August 2018

The review process will be run by the ATI –

- The ATI will convene a review panel in September to include the Programme Directors
- They will consider a number of criteria:
 - Compatibility with the ATI mission and research programmes and challenges
 - Past research record of the applicants and promise of future contribution
 - Clarity of justification of resources that describes the impact of the funding
 - Future sustainability of the project via external funding from industry RCUK etc
 - Interdisciplinarity, and potential for collaboration across universities

Timeline

- Deadline 10 August
- Selection panel during September
- Decisions in late September
- Fellowships and Fellowships with pilot projects can start from 1st November

Future opportunities:

- We expect that Turing Fellowship and project calls will be at least annual
- Doctoral awards competition – autumn 2018
- Workshop funding call – winter 2018
- AI funding opportunities – first half of 2019

- Roles within the ATI research Programme structure are being advertised on their 'opportunities' website, and will continue to become available.

Questions?

Jean Golding Institute

Making data work for everyone

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