

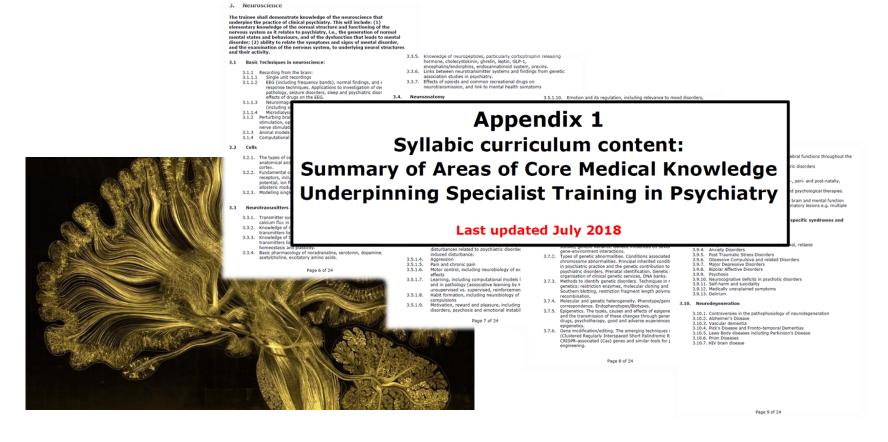


# Integrating modern neuroscience and psychiatry for better mental health

Generously supported by The Gatsby Foundation and The Wellcome Trust

# Modern neuroscience in the syllabus: Implications

 Knowledge of the neuroscience that underpins the practice of clinical psychiatry



# TrOn (Trainees Online) also updated

- Existing modules revised, new modules commissioned
- 3 Trainee psychiatrists appointed TrOn Neuroscience Editors
- Supported by Neuroscience Project Manager



### Training our teachers

- RCPsych Education Conferences
   Bristol 2016, Belfast 2017, London 2018, Glasgow 2019
- Workshops ('Brain Camps') around the UK

### **Partners:**







## Brain Camp: Format

- One-day immersive event
- Run by researchers & educationalists
- Updates on selected cutting-edge, clinically-relevant brain research topics
- Practical teaching strategies



egistration and refreshments

### Neuroanatomy: A modern approach!

- Active learning
- Team work
- Fun!



**MARCH 2021** 

### Brain Camps: Who for?

50-60 participants at each event

Teachers with no background in neuroscience

Course coordinators

Training Programme Directors



## Brain Camps: Momentum

Over 300 trained so far

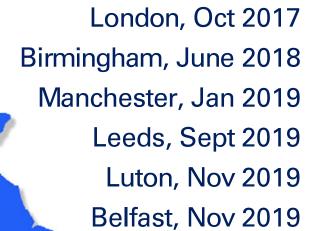
Long waiting list

Participants from

Tewkesbury to

Toronto, Ipswich to Hong

Kong



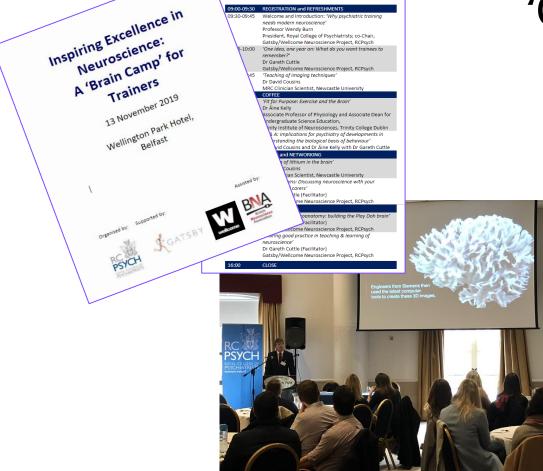
Birminaham







# Brain Camp Belfast, Nov 2019



**Programme** 

'Connecting the island of Ireland'



Assoc Prof of Physiology, Institute of Neurosciences, Trinity College Dublin;

> President, Neuroscience Ireland

MARCH 2021 10

### Regional networks: 'NeuroNets'

- Regional excellence in neuroscience and teaching
- Brain researcher—psychiatrist collaboration
- Support for trainers

### In place:

- **≻**Scotland
- ➤SW England

### **Coming soon:**

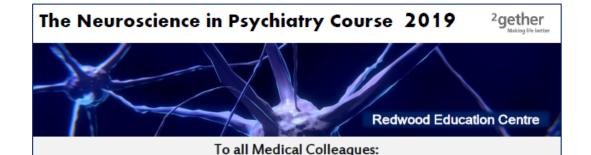
- ➤ SE England
- ➤ Eastern England

- ➤ Pan-Midlands
- ➤ Yorks & Humber

- ➤ NW England
  - + N. Ireland
- **≻**Wales



### Local programmes by Neuro Nets



We would like to invite you to NIP, a new and exciting course that has been designed to inspire collaborative

# Three-week course by SWNeuroNet

#### Explore The Role Of Neuroscience In Psychiatry

The course is inspired by the RCPsych Neuroscience Project, which aims to focus psychiatry tra advances in basic and clinical neuroscience" so that psychiatrists "are better equipped to provide the future".

learning of neuroscience concepts and shape our understanding of mental illness.

#### An Interactive And Innovative Teaching Programme

This is a peer-led course packed with clinically relevant teaching resources, interactive learning upon expertise from leading figures in the field. The programme includes material from the high Neuroscience Curriculum Initiative but is highly tailored to 2gether doctors.

#### Not Just "Biological Psychiatry"

We'll be thinking about how neuroscience can complement our thinking about all aspects of psy and clinically focussed, with skills to take to the clinic.

Monday 4th March, 2-5pm

#### Neuroscience Refresher

Exploring the Role of Neuroscience in Psychiatry

#### Neuroanatomy Refresher



A Quick Guide To Research Techniques In Neuroscience Monday 11th March, 2-5pm

#### Applications in Clinical Psychiatry

New Insights Into Schizophrenia And Depression

Integrating Neuroscience Into Conversations With Patients

> Developing New Treatments



Monday 18<sup>h</sup> March, 2-5pm

#### The Bio-Psychosocial Interface

Visualising Psychotherapy Through Neuroimaging



Epigenetics: Trauma and the Brain

A Neuroscience Model Of Personality Disorder

Course Facilitators:
Dr George Morris, Dr Lindsey Sinclair, Dr Nik Bhandari,
Dr Emma Phillips, Dr Kim Humby, Dr Clara Martinez, Dr Adrian Yan

### Local programmes by Neuro Nets



### Neuroscience Spring Conference 2017—2021 Cutting-edge neuroscience with a focus on clinical application 250\* 250 to gain evidence of 195 160 **Delegates** 100 DOWNING COLLEGE 2020 100% subsidy from Self-50% Gatsby/Wellcome subsidy financing

# Neuroscience Champions: Our ambassadors

- Scheme launched March 2019
- 28 trainees from across the UK



### Neuroscience Champions: Activities

### Communications:

Newsletter co-production; cascade of inspiration, information and opportunities

### • Events development:

Local training (Brain Camps, Neuroscience Days, short courses)

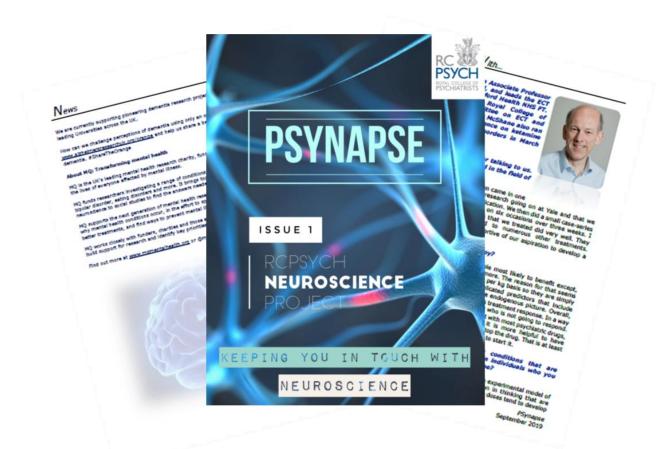
with NeuroNets



**MARCH 2021** 

# 'PSynapse': Our neuroscience newsletter

- Quarterly
- Informing and keeping up-to-date



**MARCH 2021** 

# RCPsych Neuroscience Champions: Activities

- Local MRCPsych course redevelopment with Course Organisers
- Impact analysis: Generating surveys for feedback to Neuroscience Board
- Presenting data at Med Ed Conference and Masterclass at International Congress



MARCH 2021 18

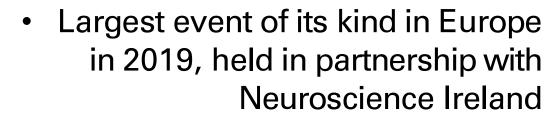
# Engaging with Neuroscience in Ireland



Gatsby Travelling Fellows at BNA2019 in Dublin



12 Trainee/Early-career UK psychiatrists





 4-day immersion in cutting-edge neuroscience research



MARCH 2021 19

### Engaging with Neuroscience in Ireland

"Neuroscience is beginning to help us to direct our treatments from first principles.

Psychiatry is behind other branches of medicine, but we're rapidly catching up.

Translating that understanding for the benefit of patients is going to require a multi-disciplinary effort."



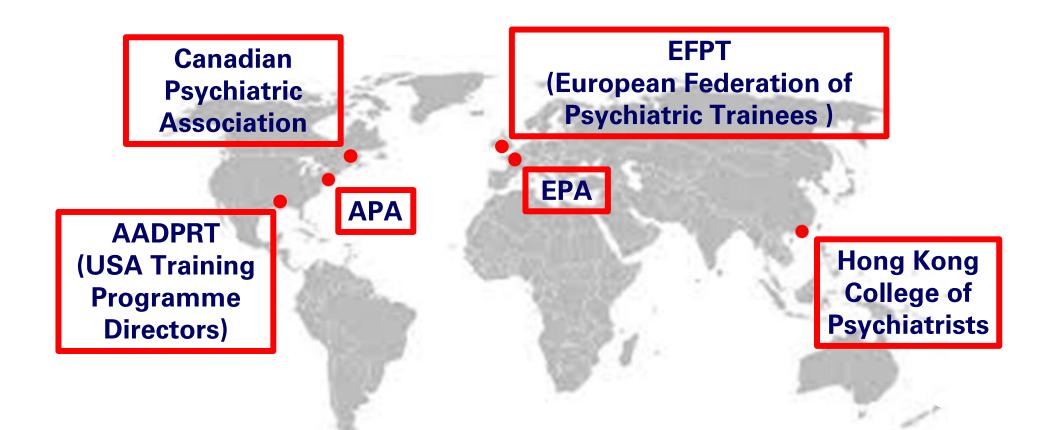
Dr Angharad de Cates, Gatsby Travelling Fellow 2019, Dublin

Gatsby Travelling Fellows at BNA2019 in Dublin with (L-R):

Professor Stafford Lightman,
Professor Ray Dolan,
Professor Anne Lingford-Hughes

**MARCH 2021** 

### **Sharing learning globally**



MARCH 2021 21

# Looking for new collaborations!



# Thank you



### **Contact:**

Gareth.Cuttle@rcpsych.ac.uk
Neuroscienceproject@rcpsych.ac.uk
www.rcpsych.ac.uk/neuroscienceproject