The Gatsby/Wellcome Neuroscience Project

Professor Wendy Burn
President,
Royal College of Psychiatrists, UK

September 2018
Structure of the Project

▪ Original 2-year initiative now extended for 3 more years (2018-21)
▪ Focus on adoption and embedding of new Syllabus for MRCPsych
▪ Supported by Gatsby Foundation and Wellcome Trust
▪ Working for sustainability
RCPsych
Neuroscience Board

- Successor to the Neuroscience Commission
- Will monitor and review:
  - Adoption and implementation of the new Syllabus for the MRCPsych Examination
  - Development of training opportunities, including Brain Camps and a CPD Online module
  - Opportunities for interaction between trainees, psychiatrists and neuroscientists

September 2018
Neuroscience Board: Co-chairs

- Professor Wendy Burn
  President, RCPsych

- Dr Mike Travis
  Co-Director of the National Neuroscience Curriculum Initiative, USA
Neuroscience Board: Members

- Professor Sophia Frangou, Mount Sinai
- Professor David Ross, Yale
- Dr Rick Adams, Clinical Lecturer, UCL
- Professor Ed Bullmore, University of Cambridge
- Professor Eileen Joyce, Neuropsychiatry Faculty, RCPsych
- Professor Anne Lingford-Hughes Academic Faculty, RCPsych
- Dr Kate Lovett, Dean, RCPsych
- Dr Mary-Ellen Lynall, Academic Clinical Fellow, Cambridge
- Dr Sarah Caddick, The Gatsby Foundation
- Dr Andrew Welchman, Wellcome Trust
Continued work: Stakeholder consultation and engagement

- College Faculty and Division conferences/meetings
- Presentations to Trusts, trainees and medical students
- Social media
- Information sharing
- Opinion capture and analysis
- Summarise and feed forward
Extending our reach globally

TPDs

APA

European Psychiatric Association

Hong Kong College of Psychiatrists

RANZCP
MRCPsych: Modernising the Neuroscience

- New Syllabus in place from July 2018 containing revised 'Neurosciences' section
- All neuroscience questions for exam checked, outdated ones removed
- New questions included from December 2017 sitting of exam
- Additional Neuroscience expertise on MRCPsych Paper A panel
FOCUS ON TRAINERS
Events

- Postgrad conference, Belfast, Sept 2017
- Brain Camp, London, October 2017
- Brain Camp II, Birmingham, June 2018
- Brain Camp III, Manchester, January 2019

REGISTERING SOON!

Collaboration:

NNCI

BNA

British Neuroscience Association
Brain Camp format

- One-day event
- Refresher on selected cutting-edge, clinically-relevant brain research topics
- Workshops on teaching strategies
- Run by researchers & educationalists
- Training Programme Directors, Clinicians with no background in neuroscience

Programme

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:30</td>
<td>Registration and refreshments</td>
</tr>
<tr>
<td>10:00</td>
<td>Welcome and Introduction with Dr Kate Lovett, Dean, RCPsych</td>
</tr>
<tr>
<td>10:15</td>
<td>Advances in brain research</td>
</tr>
</tbody>
</table>
| 11:00 | Investigating neuropsychological mechanisms in depression using novel rodent models  
  Professor Emma Robinson (Bristol) |
| 11:25 | Epigenetics and the challenge of chronic pain                           
  Dr Sandrine Giranton (UCL)     |
| 12:00 | Experimental models of cortical rhythms: translational biomarkers for drug development for the treatment of schizophrenia  
  Professor Mark Cunningham (Newcastle) |
| 12:45 | Lunch and networking                                                    |
| 13:35 | Teaching workshops                                                      |
| 14:00 | Storytelling: the role of narrative in neuroscience                    
  Dr Derek Tracy (IPPN, KCL)     |
| 14:25 | How to build a brain                                                   
  Dr Gareth Cuttle (RCPsych)      |
Brain Camp
WhatsApp group

RCPpsych Brain Camp
Gareth, Kate, Subodh, +1 (774) 578-5875, +44...

+44 7811 214652
David Middleton
Can someone go down to the cafe and get some cocktails sticks please?!
14:05

Kate Lovett
We’re using the pen insides 👍
14:06

+1 (774) 578-5875
17745785875
Paleo brain!
14:07

Gareth Cuttle
RCPsych International Congress: Full programme is now online with excellent sessions and plenty of neuroscience!
12:06

Gareth Cuttle
Programme 2018
www.rcpsych.ac.uk
12:07

Subodh Dave
Gareth I missed the last conference. There was a speaker on anthropology of learning and the brain? Could you please provide more information if you can remember who it was. Thanks Subodh
12:39

+44 7779 888681
Czarina
That looks great! Thanks for the share!
16:15

Gareth Cuttle
Neuroscience Brain Camp
Training event for psychiatrists involved in teaching neuroscience to psychiatric

September 2018
How up-to-date are you on the latest findings in clinically-relevant brain research?

Brain Camp evaluation

September 2018
Brain Camp evaluation

How confident are you in your ability to teach neuroscience effectively?

PRE-EVENT
- Not at all confident, 23%
- Reasonably confident, 21%
- Very confident, 0%
- A little lacking in confidence, 55%

POST-EVENT
- Not at all confident, 6%
- Reasonably confident, 41%
- Very confident, 0%
- A little lacking in confidence, 53%

September 2018
FOCUS ON TRAINEES
Developing resources: Trainees Online (TrOn)

- Goal: to make TrOn a ‘go to’ resource
- Existing ‘Neuro’ modules reviewed; gap analysis in progress for additional modules
- Neuro-specialist Trainee Editor appointed August 2018 and revision of existing modules underway
- New modules to be commissioned 2018/19

September 2018
# Increasing use of online training modules:
## October vs. November 2017

<table>
<thead>
<tr>
<th>Category</th>
<th>Oct</th>
<th>Nov</th>
</tr>
</thead>
<tbody>
<tr>
<td>New registrations</td>
<td>23</td>
<td>43</td>
</tr>
<tr>
<td>Aggregate number of modules completed</td>
<td>309</td>
<td>783</td>
</tr>
<tr>
<td>Number attempting at least 1 module</td>
<td>134</td>
<td>180</td>
</tr>
<tr>
<td>Average number of modules completed</td>
<td>2.3</td>
<td>4.4</td>
</tr>
<tr>
<td>Total number of module sections completed</td>
<td>1062</td>
<td>3340</td>
</tr>
</tbody>
</table>
Supporting integration locally

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

In place:
- Scotland

Launching October 2018:
- Southwest England

Planned for Spring 2019:
- Wales
- N. Ireland + NW England
First Neuroscience Spring Conference
London

- 138 delegates (8 Heads of School; 21 Course Organisers)
- >3000 accumulated views on YouTube
- Extensive social media coverage
Second Neuroscience Spring Conference Cambridge

The Neuroscience Project Spring Conference 2018
Connecting brain and mind: Neuroscience and the future of psychiatry

dissemination

September 2018
Save-the-date

Third Neuroscience Spring Conference
Genetics and epigenetics of the brain and behaviour
London, March 15, 2019

▪ FREE to attend
▪ Limited accommodation for Trainees
▪ Information/pre-registration: Neuroscienceproject@rcpsych.ac.uk