2020 POSTGRADUATE RESEARCH STUDENT SYMPOSIUM
17 JANUARY 2020
Faculty of Health and Life Sciences

Poster session from the Postgraduate Symposium in 2019
WELCOME

We warmly welcome you to the 2020 HLS Faculty Postgraduate Research Student Symposium. The event offers an excellent opportunity for our hard-working PhD students to showcase their work and receive feedback from a wider audience. In addition to inspiring talks and informative posters, it is also a great chance to talk to our trusted suppliers who have kindly agreed to sponsor the event.

Professor David Evans
Associate Dean, Research and Knowledge Exchange

Professor Susan Brooks
Senior Postgraduate Tutor and Director of Researcher Development

Postgraduate Symposium 2020 is organised by the Faculty of Health and Life Sciences

Abigayle Langford
Research Administrator: t: 01865482904, e: alangford@brookes.ac.uk

Ludmila Mee
Laboratory Manager: t: 01865483280, mob: 07484911523, e: ludmila.mee@brookes.ac.uk

Genevieve Melling
Postdoctoral Research Assistant: t: 01865488634, e: gmelling@brookes.ac.uk

Angela Robinson
Research Manager: t: 01865482955, e: ajrobinson@brookes.ac.uk

Alfred Veldhuis
Psychology Demonstrator/ Researcher: t: 01865483054, e: aveldhuis@brookes.ac.uk

If you would like to talk about the event on social media please use our official hashtag #HLSPGS20 and don’t forget to tag us.

@OBUFHLS_RESEARCH

www.brookes.ac.uk/hls
# Oral Presentation Schedule

Activities take place in Sir Kenneth Wheare Hall | Clerici Learning Studio

*Tea/coffee and danish pastries will be provided from 8.15am to 9.30am in the poster halls*

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.30 – 9.45am</td>
<td>Prof David Evans welcomes everyone (Sir Kenneth Wheare Hall)</td>
</tr>
<tr>
<td>9.45 – 10.30am</td>
<td>Opening talk - Cathy Henshall (Sir Kenneth Wheare Hall)</td>
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Parallel Session - Clerici Learning Studio

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>10.30 – 10.55am</td>
<td>Student Name</td>
</tr>
<tr>
<td>Clerici LS</td>
<td>Vicente Pagalday Vergara</td>
</tr>
<tr>
<td>10.55 – 11.20am</td>
<td>Elizabeth Dellar</td>
</tr>
<tr>
<td>11.20 – 11.50am</td>
<td>Coffee break and poster session (Sir Kenneth Wheare Hall)</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>11.50 – 12.15am</td>
<td>Student Name</td>
</tr>
<tr>
<td>Clerici LS</td>
<td>Natalie Curtis</td>
</tr>
<tr>
<td>12.15am – 12.40pm</td>
<td>Bisa Andov</td>
</tr>
<tr>
<td>12.40am – 1.05pm</td>
<td>Emanuela Carollo</td>
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<tr>
<td>1.05 – 2.30pm</td>
<td>Lunch break and poster session (Sir Kenneth Wheare Hall)</td>
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<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>2.30 – 2.55pm</td>
<td>Student Name</td>
</tr>
<tr>
<td>Clerici LS</td>
<td>Alicia Diaz Gil</td>
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<tr>
<td>2.55 – 3.20pm</td>
<td>Erin Hannink</td>
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<tr>
<td>3.20 – 3.50pm</td>
<td>Coffee break and poster session (Sir Kenneth Wheare Hall)</td>
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<tr>
<td>3.50 – 4.40pm</td>
<td>Closing talk - Professor Susan Brookes (Sir Kenneth Wheare Hall)</td>
</tr>
<tr>
<td>4.40 – 5.00pm</td>
<td>Prizes and awards - Professor David Evans and Dr Astrid Scholersheidt (Sir Kenneth Wheare Hall)</td>
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<tr>
<td>5.00 – 7.00pm</td>
<td>Wine reception and networking (Sir Kenneth Wheare Hall)</td>
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<td>Time</td>
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<tr>
<td></td>
<td>Parallel Session (Sir Kenneth Wheare Hall)</td>
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<tr>
<td>10.30 – 10.55am SKWH</td>
<td><strong>Student Name</strong></td>
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<tr>
<td></td>
<td>Kay McCallum</td>
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<tr>
<td>10.55 – 11.20am SKWH</td>
<td>Jackie Parsonage</td>
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<tr>
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<td><strong>Student Name</strong></td>
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<tr>
<td></td>
<td>Teresa Joyce</td>
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<tr>
<td>12.15am – 12.40pm SKWH</td>
<td>Michal Izydorczyk</td>
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<td>2.30 – 2.55pm SKWH</td>
<td><strong>Student Name</strong></td>
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<tr>
<td></td>
<td>Maria Lorena Martinez Quiles</td>
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<tr>
<td>2.55 – 3.20pm SKWH</td>
<td>Sofia D’Abrantes</td>
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# PGS 2020 Sponsors

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<td>VWR International</td>
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# PGS 2020 Poster Presentations

<table>
<thead>
<tr>
<th>Student name</th>
<th>Project title</th>
<th>Poster number</th>
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</thead>
<tbody>
<tr>
<td>Stefan Wojcik</td>
<td>Beyond membrane curvature: elongated reticulons and their role in the plant endoplasmic reticulum</td>
<td>P1</td>
</tr>
<tr>
<td>Alistair McGinness</td>
<td>Reducing immunogenicity in plant produced biotherapeutics</td>
<td>P2</td>
</tr>
<tr>
<td>Shamma Rattan Booth</td>
<td>Investigating the evolution and functionality of closely related Wnt genes</td>
<td>P3</td>
</tr>
<tr>
<td>Javier Figueras Jimenez</td>
<td>Regulation and evolution of trn in Drosophila male genital</td>
<td>P4</td>
</tr>
<tr>
<td>Mildred Flores Verastegui</td>
<td>Polyphenol content and antioxidant activity in different species of dragon fruit</td>
<td>P4</td>
</tr>
<tr>
<td>Helen Garcia Castro</td>
<td>Comparative single-cell transcriptomics in planarian species using maceration and SPLiT-seq approach.</td>
<td>P5</td>
</tr>
<tr>
<td>Laura Smithson</td>
<td>Building a mobile cytoskeletal structure in bloodstream Trypanosoma brucei.</td>
<td>P6</td>
</tr>
<tr>
<td>Lidiya Nedevska</td>
<td>From rare to common variants: genetic overlaps between Usher Syndrome, hearing, auditory processing and speech/language abilities</td>
<td>P7</td>
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<tr>
<td>Anastasia Arvaniti</td>
<td>Intestinal damage and evidence of increased gut permeability in Akr1d1 knockout mice</td>
<td>P8</td>
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<tr>
<td>Elise Padbury</td>
<td>Investigating the role of TRPC3 in the biogenesis of Extracellular Vesicles</td>
<td>P9</td>
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<tr>
<td>Samuel Bond</td>
<td>Constraints to Phonological Statistical Learning in Adults</td>
<td>P10</td>
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<tr>
<td>Rory Phibbs</td>
<td>Exploring modern masculinities; Male hockey player’s perception of female coaches</td>
<td>P11</td>
</tr>
<tr>
<td>Clare Halliday</td>
<td>Morphological adaptation of the Leishmania parasite for infection</td>
<td>P12</td>
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<tr>
<td>Nick Ward</td>
<td>Is the pedagogic practice of elite rowing coaches unknowingly underpinned by a CLA?</td>
<td>P13</td>
</tr>
<tr>
<td>Amelia Laffey</td>
<td>Perceptions of femininity and masculinity and how this influences female athletes</td>
<td>P14</td>
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<tr>
<td>Lauren Campbell</td>
<td>Blood markers for minimal residual disease in multiple myeloma</td>
<td>P15</td>
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<tr>
<td>Jon Room</td>
<td>Can a brief behavioural assessment improve exercise adherence in older people with musculoskeletal conditions? A feasibility randomised controlled trial?</td>
<td>P16</td>
</tr>
<tr>
<td>Laura Dorrell</td>
<td>A cultural exploration of the perceptions of knowledge and learning opportunities for high performance coaches</td>
<td>P17</td>
</tr>
<tr>
<td>Neesha Oozageer Gunowa</td>
<td>Nurse Education and Pressure Injuries: A collective case study to examine skin tone diversity inclusion within the classroom</td>
<td>P18</td>
</tr>
<tr>
<td>Shahaan Shafiq</td>
<td>Identification of probasal body specific proteins in Trypanosoma brucei</td>
<td>P19</td>
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