

【研究費区分】：研究環

【研究代表者所属】：Department of Biological Sciences, Faculty of Science

【研究代表者氏名】：Adam Cronin

【研究代表者氏名フリガナ】：アダム クロニン

【研究代表者職】：Associate professor

【研究分担者（所属,氏名,職）】

Simon Tierney (University of Western Sydney, Australia; Research Fellow)

Sandra Rehan (York University, Canada; Assistant Professor)

Sarah Kocher (Princeton University, USA; Assistant Professor)

Maki Inoue (Tokyo University of Agriculture and Technology; Lecturer)

Seth Barribeau (University of Liverpool, UK; Lecturer)

【研究環組織名】：Global multidisciplinary research consortium for ecology, evolution and conservation of bees

【研究環 HP】

【研究環の活動概要と、ここで形成された研究グループ・研究拠点の今後の研究活動について】

Our purpose was to hold a joint meeting of international researchers in bee science to exchange ideas, share current research results, and develop future collaborative studies. The meeting was cancelled when international travel became impossible with corona-virus. We attempted to organize an online meeting as an alternative to the in-person meeting but this was deemed impossible because of the many new obligations associated with teaching during the pandemic, and because the time-zones of researchers involved could not be aligned in any practical way.

Instead, we conducted various two-party interactions between researchers involved in the initial proposal, and began initial works on several collaborative studies. This has been highly successful, with the development of new research collaborations between TMU and Western Sydney University, Princeton University, the University of Liverpool and York University Canada. The research works initiated as a result of these collaborations during 2020 are ongoing though we expect the first outputs to appear during 2021 and have submitted or are working on additional grant proposals to further develop collaborations in the future.

【学会発表】

- none

【論文発表又は著書発行】

- none

【学会会議開催実績報告】

It was not possible to hold the conference as planned because of corona-virus travel bans. Zoom exchanges were held on several occasions during the year with most members of the original research team and these included PhD students of both TMU and foreign institutions and resulted in the development of several ongoing collaborative projects.

(※国際学会会議にあたるものには「・」を「*」にすること。)

【海外研究者の招聘実績】

Interactions with the researchers in the application team has resulted several collaborative studies, which it was possible to initiate using funding from this program. These studies are in many cases related to the projects of graduate students at TMU, who will benefit from the collaboration of international researchers on their projects. We have also adopted various new techniques in immune quantification, genomic analysis and behavioural analysis as a result of exchanges with the team members, which will be extremely valuable for present and future students in the lab.

【国際研究環支援や外部資金への応募状況】

The collaborative exercise has led to numerous subsequent grant submissions, some of which have already been funded. This includes: support through Princeton University for Japan-USA collaborative research (ongoing); a JSPS post-doctoral support for Marta Quitian (funded); a Kakenhi C application by the host lab (ongoing); a Spanish Government grant for additional meetings (not funded).

【科学研究費助成事業や国等の提案公募型研究費、企業からの受託研究費・共同研究費の獲得状況】

The collaborative research arising from the proposal has been incorporated into an application for a Kakenhi C (General) in the present round (result not announced at time of this documents completion).

【受賞等】

- none

【その他社会貢献】

[公的審議会・委員会等の公的貢献, 生涯学習支援・普及啓発, 国際貢献・国際交流等]

none

【研究成果による特許等の産業財産権の出願・取得状況】

(産業財産権の種類, 名称, 出願番号, 出願年月日)

- none

【研究分担額】

(研究代表者・分担者名,所属,金額 (円))

- none