

Fellowship ID : BR190402

2022年06月20日

YYYY/MM/DD

独立行政法人日本学術振興会理事長 殿

To: President, Japan Society for the Promotion of Science

研究活動報告書

Research Report

1. 受入研究者/ Host researcher

受入研究機関・部局・職
Name of Host Institution, Department and Title

National Astronomical Observatory of Japan, National Institutes of
Natural Sciences
Assistant Professor

受入研究者氏名
Host Researcher's Name

Masatoshi Imanishi

2. 外国人再招へい研究者/ Fellow

所属研究機関・部局・職
Name of Institution, Department and Title

University of Texas at San Antonio
Professor

外国人再招へい研究者氏名
Fellow's Name

Christopher Packham

3. 採用期間/ Fellowship Period

2022年 5月16日

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2022年 6月 2日

4. 研究課題/ Research Theme

IR Observations of Active Galactic Nuclei and TMT Instrumentation

5. 研究活動報告/ Research Report

(1) 研究活動の概要/ Summary of Research Results

1. Renewal of collaborations, especially in connection to TMT, JWST, and ALMA

- a. It was very useful and important to re-start face to face discussions after a long separation due to the pandemic. These discussions concentrated on the TMT and the possible thermal-IR instrument (MICH). We also discussed the JWST/ALMA observations our science team has been awarded and are preparing to receive. Several papers are envisioned through connecting these revolutionary observatories. Discussions occurred at NAOJ, and the universities of Tokyo, Tohoku, and Okayama Science.

2. Presentations (3 locations)

- a. I made presentations at NAOJ, Tohoku University, Okayama Science University (shown in the picture below). These concentrated on IR observations and instrumentations, as well as the USA's Decadal Survey of Astronomy (published in Nov 2021), especially regarding long-term plans and diversity in astronomy.

(注) 採用期間終了後3ヶ月以内に提出。

(Note) Submit the form within 3 months after the expiration of fellowship.



3. Consideration/planning of joint future JSPS/NSF/NASA funding applications
a. We made preparations and early plans for future funding application.

(2) 研究キーワード/ Keywords

TMT, ALMA, JWST, AGN, Infrared, Observations

(3) 主な研究発表 (雑誌論文、学会、集会、知的財産権等/ Main Research Publications

None yet.

(4) その他/ Remarks

Extremely useful fellowship after we have been separated due to the pandemic for so long. Very much appreciated. どうもありがとうございました。

受入研究機関事務担当者記入/ Filled in by Host Institution

部署・氏名	事務部研究推進課・佐藤陽子	電話番号	0422-34-3660
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※ 部局名等の名称含め、内容に誤りが無いか必ずご確認ください。

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