

澳門科技大學
MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY

Projects, Achievements, Recognitions

Main Speaker:
Chestnut Zhou



科研管理處

科研處概況

最新動態

科研項目

博士後事宜

科研成果

科研獎勵

專利申請

產學研

科大學報

規章制度

常見問題

聯繫我們

電話：(853)8897-2173

傳真：(853)2882-7222

電子郵件：research@must.edu.mo

快速鏈接

國家科技部

國家自然科學基金委員會

廣東省科技廳

澳門教育及青年發展局

澳門科學技術發展基金

澳門基金會資助

深圳市科技創新委員會



澳門科技大學
MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY



澳門科技大學

學術成果評鑒辦法 (2022)



澳門科技大學學術成果評鑒辦法 2022

最新動態

+MORE

INCED MATERIA 澳科大學者在國際頂級期刊發表范德華二維材...
2022年08月22日



澳科大學者發表「天問一號」火星能量粒子分...
2022年08月09日



「澳門海岸帶變化與陸海統籌空間利用關鍵技...
2022年08月05日



澳科大醫學院研究發現接種mRNA疫苗加聯劑人

科研通告

+MORE

【科研通告】國家科技部關於發佈科技創新2030—“新...
2022年08月22日

【科大學報通告】有關《澳門科技大學學報》投稿事宜...
2022年08月12日

【科研通告】國家科技部關於發佈國家重點研發計劃「...
2022年08月11日

【科研通告】廣東省基礎與應用基礎研究基金委員會-2...
2022年08月01日

【科研通告】澳門科學技術發展基金-科技創新提升計劃...
2022年07月20日



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RTAO: <https://www.must.edu.mo/rtao>



01 / Projects Application

02 / Achievements, Recognitions





澳門科技大學
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Part 1

Projects Application

Chestnut Zhou



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常見問題

Research projects

FAQs

科研項目

澳門科學技術發展基金項目(FDCT)

澳門科技大學研究基金項目(FRG)

高等教育基金資助項目(DSEDJ)

澳門基金會資助項目(MF)

國自然項目(NSFC)

橫向項目

聯繫我們

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澳門科學技術發展基金項目 (FDCT) 簡介

一般科研資助

聯合資助

專利資助

企業產學研配對資助

重點研發專項資助

科技創新提升計劃

實驗室與研發中心資助

2022年度一般科研資助 (已截止)：2022年2月14日至3月14日。

申請金額：

1. 不超過\$1,000,000.00 (澳門元壹佰萬元) 的項目申請 (由行政委員會審批)。
2. 超過\$1,000,000.00 (澳門元壹佰萬元) 的項目申請 (由信託委員會審批)。

資助對象：

1. 受澳門特別行政區政府監督的高等院校；
2. 在澳門特別行政區從事科技研究開發活動的實驗室或其他實體；
3. 在澳門特別行政區註冊的非牟利私人機構；
4. 在澳門特別行政區註冊的商業企業主或商業企業；
5. 在澳門特別行政區從事研究開發的研究人員。

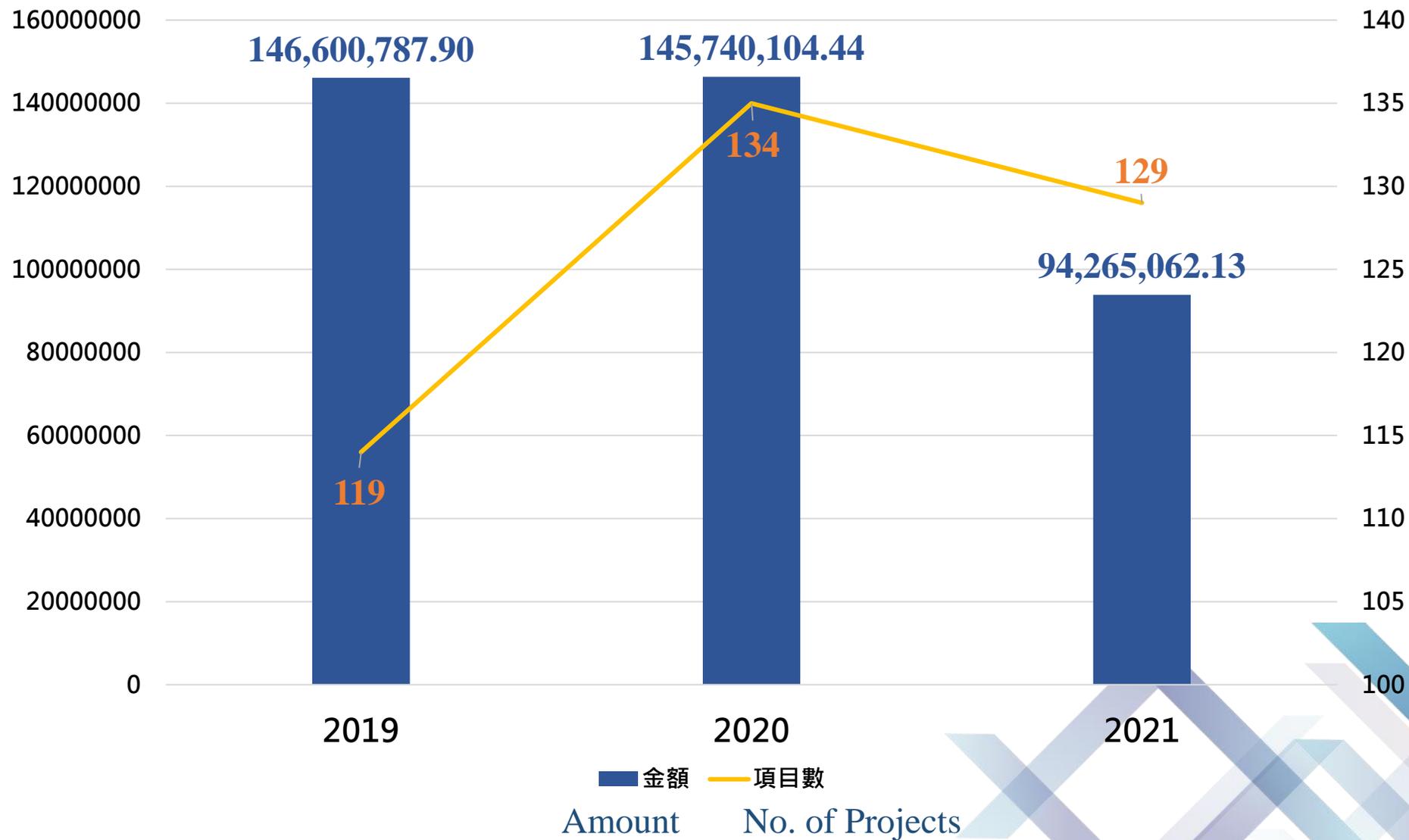
(一) 資助項目：

1. 有助普及和深化科技知識的項目；
2. 有助企業提高生產力和加強競爭力的項目；
3. 有助產業發展的研發、推廣、創新項目；
4. 有助推動研發成果轉化的科研項目；

有關《澳門科技大學學報》投稿事宜



2019-2021 Research Projects Statistics





- ◆ **FDCT**
- ◆ **MUST's FRG**
- ◆ **DSEDJ**
- ◆ **NSFC**
- ◆ **Mainland local projects**
- ◆ **Cooperation with industry**

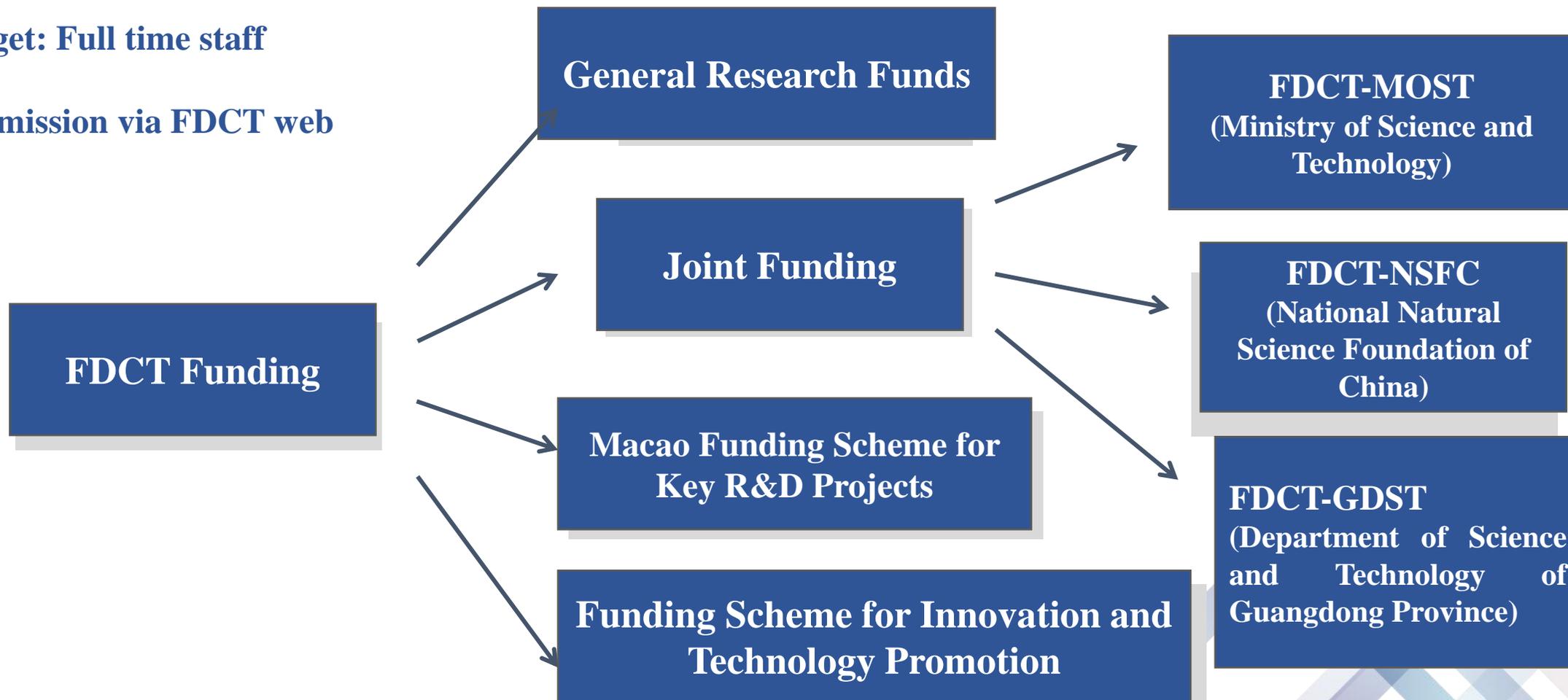




Scopes of FDCT: Electronics/Information, Biomedical (Chinese medicines), Environmental/Energy, Aerospace, Marine Sciences, etc.

Target: Full time staff

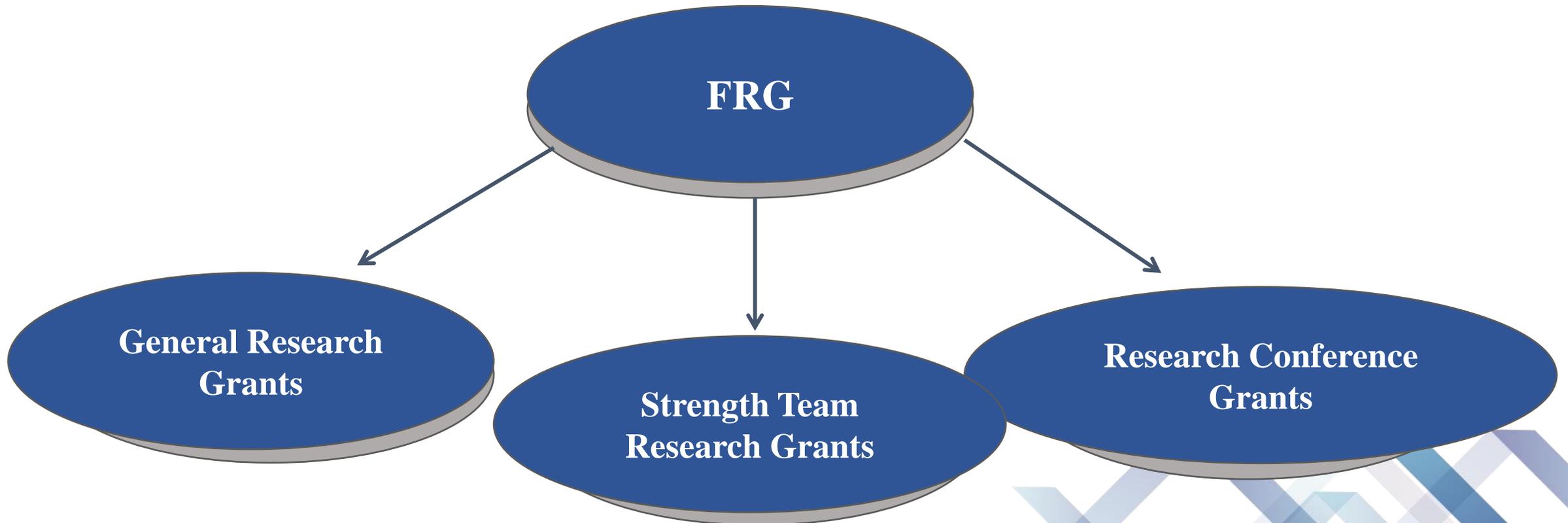
Submission via FDCT web





FRG is a MUST internal research fund, aims at promoting research development and academic progression.

Submission via WeMUST



For enquiry, contact Mr. David Xu. yuanxu@must.edu.mo



General Research Grants

Application: Open throughout the year (according to RTAO's announcement)

Target: Full-time staff

Scope: Original research project in Science, and Arts & Humanities

Funding: MOP10K ~100K, max 30K for arts & humanities, max 100K for science. Wages not applicable to full-time staff. Should have more than 1 item of expense in budgeting.

Timeframe: 6 – 12 months

Team: 1 – 3

Limitation: Max 1 project for each PI.
(including PI and PI of sub-topic)

Strength Team Research Grants



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Application: Open throughout the year (according to RTAO's announcement)

Target: Full-time associate professor or above, or distinguished professor. Team members are mainly internal full-time staff, supplemented with outside academic staff.

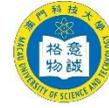
Scope: Original research project in Science, and Arts & Humanities (most parts can be completed within MUST), in line with the University's strategic development, can contribute to the advancement of the University.

Funding: MOP200K ~ 1 million, max 500K for arts & humanities, max 1 million for science. Wages not applicable to full-time staff. Should have more than 1 item of expense in budgeting.

Timeframe: 12 – 18 months

Team: 3 – 10

Limitation: Max 1 project for each PI. (including PI and PI of sub-topic)



Research Conference Grants

Application:

Open throughout the year (according to RTAO's announcement)

Target:

Full-time staff. Priority will be given to application raised by associate professor or above, or joint application by a group of staff, for internationally recognized academic conference.

Scope:

Conferences of strong academic research and exchange, able to promote our university's academic research development, and international exchange. Conferences that prominent scholars can be invited as speakers, and attract people from within or outside our university.

Funding:

MOP20K ~ 100K. Priority will be given to those who raise matching fund of 1:1 or above.

Higher institutes annual sponsorship scheme

Professional Development Sponsorship

Joint Development Sponsorship

Scope: Training related to professional development, or presentation of papers in conference

Application: Aug to Sep 2022 / Jan 2023

Execution: till August 2023 / April to August 2023

Limit: One time for each qualified staff in an academic year.

Sponsored topics: Chinese Portuguese talent development and education cooperation (RTAO), Tourism education and training development (FHTM)

Scope: To Be Announced

Application: Aug to Sep 2022

Execution: till Aug 2023

Guidelines can be downloaded from WeMust per the following path:

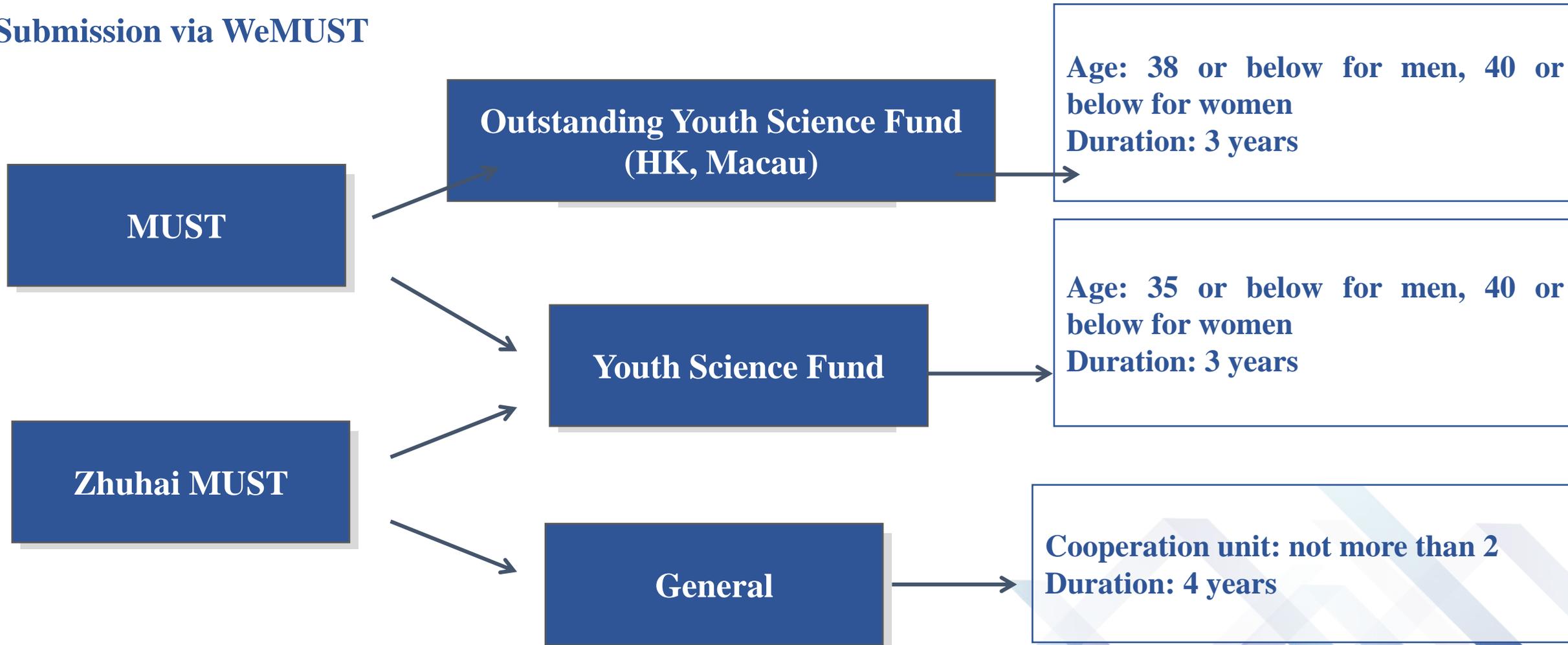
路徑：文檔 / 公共文檔 / RTAO / Fundings and Research Projects / Macao Education Fund / 高等院校年度資助計劃（2022年至2023年8月）章程（草稿）.pdf

Details subject to RTAO's announcement or DSEDJ's web. www.dsedj.gov.mo



Recommendation by the university: solicited via WeMust from faculty/lab

Submission via WeMUST



Details subject to RTAO's announcement.

Mainland local projects



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Recommendation by the university: solicited via email from faculty/lab/institute

Submission: subject to RTAO's announcement

**Guangdong Provincial
Department of Science and
Technology**

**Zhuhai Science and
Technology Innovation
Bureau**

**Zhuhai Federation of Social
Sciences**

**Shenzhen Science and
Technology Innovation
Committee**

**Guangzhou Science and
Technology Bureau**

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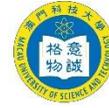
Cooperation with industry (management)



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1. Need to have a cooperation agreement. PI prepares a cooperation agreement, to be endorsed by Dean/Director, then forward it to RTAO for reviewing, finally signed by responsible VP. A copy of fully signed cooperation agreement to be kept in RTAO.
2. RTAO will monitor the progress of the industrial cooperation projects, PIs need to report in various stages. RTAO will work with Finance Office for the expenses matters. After completion, PIs need to submit two copies of report to RTAO.
3. If issues or conflicts arise, RTAO will work with PIs to resolve the matters. May invite external experts for arbitration.
4. PIs are wholly responsible for the roles & responsibilities stated in cooperation agreement, including the financial loss and impact to the University. Before signing the agreement, PIs have to explain and elaborate the implicit responsibilities and possible negative results.





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Part 2

Achievements, Recognitions

Evaluation of Academic Achievements



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The Evaluation Guidelines of Academic Achievements (2022)
Effective from 21/4/2022 after confirmation by SENATE in its 4th meeting of
AY2021/2022.

Types

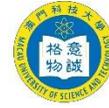
- 1) Papers: published online or officially released
- 2) Books: officially released
- 3) Others (Patents, Art works): officially authorized or released

Application

- 1) Invitation notice from RTAO.
 - 2) Staff to submit application.
 - 3) RTAO verifies the tier of achievement.
 - 4) Notifying of results. May appeal.
- Quarterly. Exact dates to be determined.

For classifications of Journals: <https://wm-da.must.edu.mo/journal/JournalList>

2021 Impact Factor and Category Rank of SCI/SSCI have not been updated yet, may reference to JCR of Web of Science.



1. Journal Papers
2. Patents
3. Conference Papers
4. Academic Works, Textbooks, Chapters, etc.

With reference to:

The Evaluation Principles of Academic Achievements of Macau University of Science and Technology (2022)

5. Art Works

For Evaluation Principles of artistic creation achievements, please refer to “MUST Measures for the Assessment of Artistic Creation Achievements”.





- ◆ Publishing Papers in SCI/SSCI Journals
- ◆ BOC Research Excellence Award , LIB Academic Research Award
- ◆ **Best Research Output Award**
- ◆ Macao Science and Technology Award
- ◆ Macao Arts, Humanities and Social Sciences Research Award



Publishing Papers in SCI/SSCI Journals



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MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY

With reference to: Incentive Measures for Publishing Papers in SCI/SSCI Journals

Publishing Papers in SCI/SSCI Journals



Enhanced Adsorption of Methyl Orange by Mongolian Montmorillonite after Aluminum Pillaring

作者: Chen, JJ (Chen, Jiajun) [1]; Lu, JZ (Lu, Jianzun) [1]; Su, LC (Su, Lingcheng) [1]; Ruan, HD (Ruan, Huada) [1]; Zhao, YJ (Zhao, Yijia) [1]; Lee, CH (Lee, ChiuHong) [1]; Cai, ZW (Cai, Zongwei) [2]; Wu, ZH (Wu, Zhihui) [1]; Jia, [redacted] [3]

檢視 Web of Science ResearcherID 和 ORCID (Clarivate 提供)

作者資訊

通訊地址: Su, Lingcheng (通訊作者)

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通訊地址: Jia, [redacted] (通訊作者)

Macau Univ Sci & Technol, Macao Environm Res Inst, Natl Observat & Res Stn Coastal Ecol Environm Mac, Taipa 999078, Macao, Peoples R China

地址:

- 1 Beijing Normal Univ Hong Kong Baptist Univ, United Int Coll, Div Sci & Technol, Environm Sci Program, Zhuhai 519085, Peoples R China
- 2 Hong Kong Baptist Univ, Fac Sci, Dept Chem, Hong Kong, Peoples R China
- 3 Macau Univ Sci & Technol, Macao Environm Res Inst, Natl Observat & Res Stn Coastal Ecol Environm Mac, Taipa 999078, Macao, Peoples R China

MUST is not the primary (author) affiliation



SMSPL: Robust Multimodal Approach to Integrative Analysis of Multiomics Data

作者: Yang, ZY (Yang, Ziyi) [1], [2]; Wu, NQ (Wu, Naiqi) [3], [4], [5]; Liang, [redacted] [1], [2], [6]; Zhang, H (Zhang, Hui) [1], [2]; Ren, YQ (Ren, Yanqiong) [1], [2]

檢視 Web of Science ResearcherID 和 ORCID (Clarivate 提供)

作者資訊

通訊地址: Liang, [redacted] (通訊作者)

Macau Univ Sci & Technol, Collaborat Lab Intelligent Sci & Syst, Fac Informat Technol, Macau, Peoples R China

地址:

- 1 Macau Univ Sci & Technol, Collaborat Lab Intelligent Sci & Syst, Fac Informat Technol, Macau, Peoples R China
- 2 Macau Univ Sci & Technol, State Key Lab Qual Res Chinese Med, Macau, Peoples R China
- 3 Macau Univ Sci & Technol, Inst Syst Engn, Macau, Peoples R China
- 4 Macau Univ Sci & Technol, Collaborat Lab Intelligent Sci & Syst, Macau, Peoples R China
- 5 Guangdong Univ Technol, State Key Lab Precis Elect Mfg Technol & Equipmen, Guangzhou 510006, Peoples R China
- 6 Guangdong Univ Technol, Guangdong Hong Kong Macao Joint Lab Smart Discret, Guangzhou 510006, Peoples R China

MUST is the primary (author) affiliation



BOC Research Excellence Award , LIB Academic Research Award



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With reference to: **Guideline on Application and Selection of “BOC Research Excellence Award”, Guideline on Application and Selection of “LIB Academic Research Award”**

- **Application Timeframe April-May (subject to RTAO’s announcement)**

Best Research Output Award



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MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY

With reference to: **Guideline on Application and Selection of Best Research Output Award**

- **Application: April-May (subject to RTAO's announcement)**
- **Target: Full-time staff. Awarded staff is not eligible to apply in next year.**



Application: Twice a year, usually in December (subject to FDCT's announcement)

Categories:

- Natural Science Award
- Technological Invention Award
- Science and Technology Progress Award
- Scientific and Technological R&D Award for Postgraduates
- Special Award

Reference: https://www.fdct.gov.mo/en/macau_awards.html

Macao Science and Technology Award



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Unit: MOP10K

	Tier 1 Award	Tier 2 Award	Tier 3 Award
Natural Science Award	100	60	40
Technological Invention Award	100	60	40
Science and Technology Progress Award	50	30	20
Scientific and Technological R&D Award for Postgraduates (Doctoral)		8	
Scientific and Technological R&D Award for Postgraduates (Master)		6	

Macao Arts, Humanities and Social Sciences Research Award



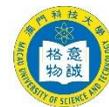
澳門科技大學
MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY

Application: subject to Macao Foundation's announcement.



➤ Other Incentives

- ❑ National Science and Technology Award
- ❑ Outstanding Achievement Award of Scientific Research in Higher Education
Institutions of the Ministry of Education (Science and Technology)
- ❑ Ho Leung Ho Lee Foundation Science and Technology Award
- ❑ The Guanghua Engineering Science and Technology Award
- ❑ China Young Female Scientist Award
- ❑ Macau Young Researcher Award



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THANKS!

End