

Case Study: Taipei Medical University

How Elsevier's Pure supports growth ambitions



Research Intelligence

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Make confident program decisions, streamline funding analysis and forge new partnerships with complete, correct, current and connected information around research activities.





“At this moment, we have about 300 grant approvals from the government a year. With Pure, we have a great tool to facilitate TMU’s research momentum, and we’re primed to take on the leading role now.”

– DR. YUN YEN,
President (August 2011 – July 2017)
Taipei Medical University

Executive Summary

Taipei Medical University (TMU) in Taiwan is a growing academic and research institution, which is rapidly gaining momentum in the medical and biomedical fields. Having consistent management, collaboration and assessment of its research information is crucial in its aggressive roadmap to raise global standings. The institution chose to adopt Elsevier’s Pure to help centrally administrate data collation and research reporting of its different colleges and research centers, and to align research information to the practice of international communities.

Taipei Medical University (TMU) was founded in 1960 as a medical university with only three schools initially—the School of Medicine, the School of Dentistry, and the School of Pharmacy. Today, the institution has grown to include eight college-level research centers, a center for General Education, ten colleges that include 14 schools, 13 graduate institutes, nine programs, as well as the affiliated TMU Hospital, Wan Fang Medical Center and Shuang Ho Hospital.

Ranked highly in the QS World University Rankings by Subject 2016 in Medicine, Pharmacy & Pharmacology, and Biological Sciences, TMU is also the only Asian University in the QS rankings to be certified by IREG Observatory for Academic Ranking and Excellence for Asian Universities.

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Background

Dedicated to academic research and international research collaborations, TMU is driven to improve its research publications in terms of quality, quantity and industry-relevant innovation. Its presence in the global research arena, particularly in Medicine and Life Science, has grown steadily through efforts on all fronts, such as active recruitment of top international scholars to strengthen its faculty and key research capabilities.

To push the envelope of its academic information and research achievements further, it also stepped up alliances with world-renowned universities and research institutions, resulting in collaborations with 27 countries on multiple international research projects.

Challenge

The aggressive roadmap TMU has put in place to raise its global standings mandates a full showcase of its research and academic endeavors to the global community.

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However, because the university’s academic resources were decentralized across its hospitals, schools and institutes, there was little consistency in the way they could present their research outputs.

Information on intramural research achievements, for example, was archived on in-house systems that doubled as catalogs for faculty publications to register publications, research projects, books, and patents.

These systems required regular manual updates by the faculty on a voluntary basis, and lapsed in timeliness, accuracy and consistency of inputs, negatively affecting the management and funding of research projects. A lack of centralized management of disparate research data and information compounded the problem, as incomplete resources produced poor searches and listings.

TMU President Dr. Yun Yen decided to tackle the issue from an administrative rather than technical perspective, by putting the TMU Library in charge of finding a resolution.

“The TMU Library is not merely a source of knowledge,” said Dr. Yun. “It is also the regulator of the university’s publications, and that’s the best position to lead this project.”



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Solution

The Library, with participation from various other offices, conducted a thorough audit of the scope and challenges involved. Elsevier’s Pure, utilized by over 200 institutions around the world for its comprehensive and user-friendly feature functions, was eventually selected as the platform of choice.

In October 2015, TMU became the first medical university in Taiwan to adopt Pure, when the Library started work with Elsevier to integrate the platform with customized requirements and compliance.

To facilitate the rollout, the Library added 23,000 publications from Elsevier’s Scopus citation database to create a foundation of profiles for administrators and researchers to update and retrieve information. Library staff also included nearly ten years of publications from retired and resigned faculty, to maintain the quarterly updates for current faculty so TMU could evaluate changes over time in university performance.

Additionally, the university’s academic information was

made more comprehensive by prioritizing on the creation of its academic staff’s CVs.

With the adoption of Pure, TMU now has a centralized research registration system resulting in the following benefits:

- Increased international visibility, which helps the university attract high-profile collaboration opportunities
- A single unified source of research information that connects all of the university’s schools, research centers and hospitals on a single platform, making it easier to understand the full scope of campus activity
- Up-to-date researcher profiles that allow the university to make data- driven strategic decisions
- An ability to benchmark research output performance against TMU’s growth roadmap
- A useful tool for understanding existing research expertise on campus

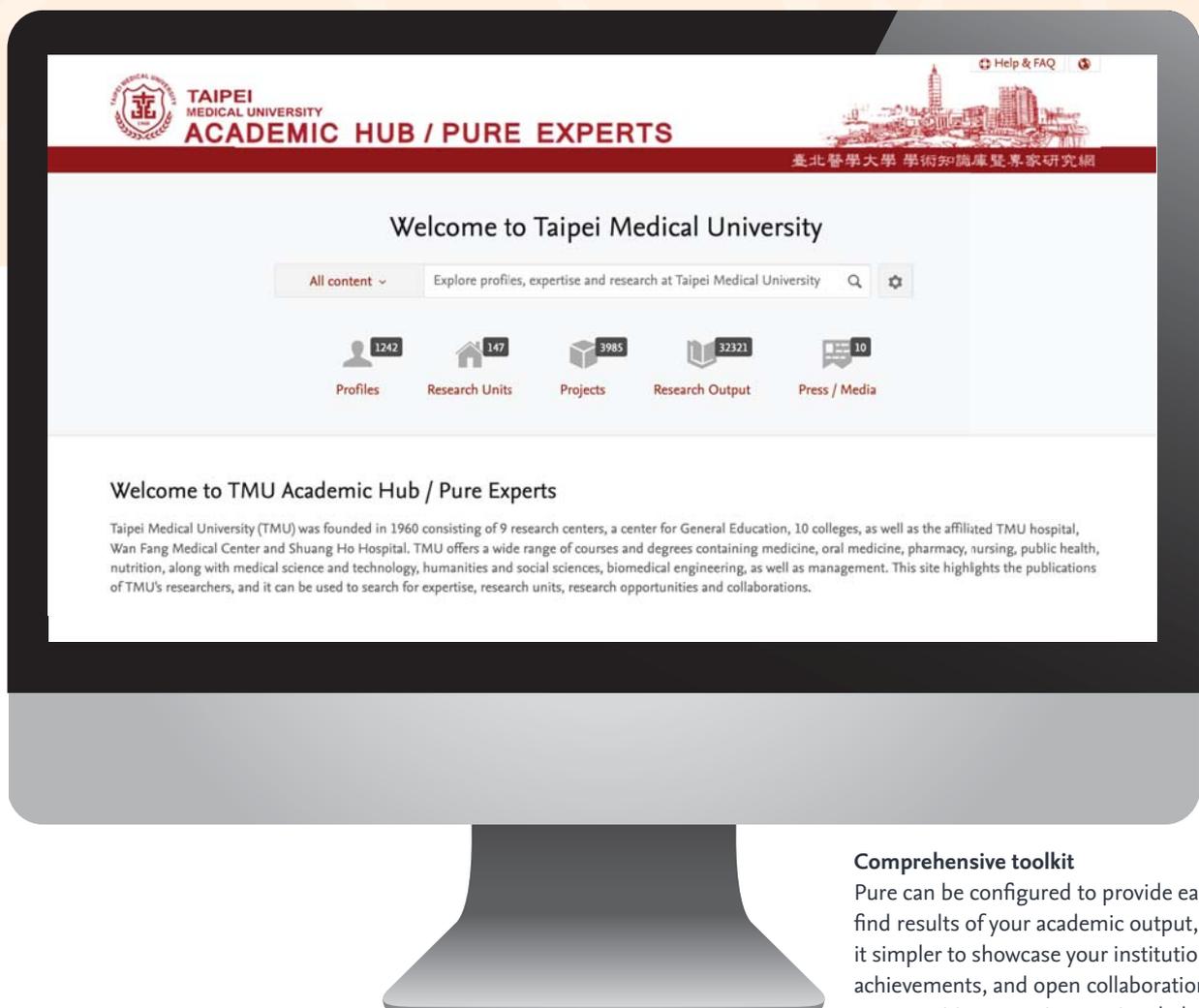
Conclusion

“We are pleased with the results Elsevier’s Pure has created,” said Dr. Yun. “It assists us in finding suitable research partners to yield mutual benefits on project collaborations.”

Having a well-organized repository of up-to-date information also meant a significant leap in grant approvals.

“Centralizing all of the university’s research on Elsevier’s Pure not only helps facilitate our ability to make better strategic decisions as an organization, it has propelled the institution to new heights of visibility that was previously not possible without this tool.”

—Dr. Yun Yen
President (August 2011 – July 2017)
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Comprehensive toolkit

Pure can be configured to provide easy-to-find results of your academic output, making it simpler to showcase your institution’s achievements, and open collaboration opportunities on an international platform.

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The world's leading research information management system that enables evidence-based decisions, simplifies research administration and optimizes impact, reporting, and compliance.

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