“Young Scholars Nurtured Program”
of Taipei Medical University Library:
Scholarship of Textbooks for Economically Disadvantaged Students

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About Taiwan
TAIWAN

1. Population: 23,427,785

2. Main Religion: Buddhism

3. Capital City: Taipei

4. Currency: Taiwan New Dollar (TWD)

5. Language: Taiwanese

TMU is in the center of Xinyi District, Taipei
TMU’s System

Was founded in 1960

Dept. of Medicine, Dept. of Dentistry and Dept. of Pharmacy

- College of Medicine
- College of Density
- College of Pharmacy
- College of Nursing
- College of Public Health
- Center for General Education
- College of Interdisciplinary Studies
- College of Medical Science Technology
- College of Humanities & Social Sciences
- College of Biomedical Engineering
- College of Management
- College of Nutrition

- 15 Departments
- 25 Graduates
- 14 curricula programs
TMU’s System

One University and 6 affiliated hospitals

- 附設醫院 TMU hospital (1976年)
- 萬芳醫院 Wanfang Hospital (1996年)
- 雙和醫院 Shuang Ho Hospital (2008年)
- 臺北癌症轉譯中心 Taipei Research Center of Cancer Translational Medicine (2013年)
- 寧波醫療中心 Ningbo Medical Center (China) (2015年)
- 臺北神經醫學中心 Taipei NeuroMedical center (2017年)
TMU’s System

- # of Faulty: 625
- # of Researchers: 21
- # of Administrative Staff: 492
- # of Research assistants: 449
- # of Post-Doc: 63
- # of Students: 6112

<table>
<thead>
<tr>
<th>TMU Hospital</th>
<th>Shuang Ho Hospital</th>
<th>Wanfang Hospital</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Researchers</td>
<td>11</td>
<td>14</td>
</tr>
<tr>
<td># of staff</td>
<td>2,353</td>
<td>2,950</td>
</tr>
</tbody>
</table>
TMU’s Academic Performance

- **QS 2019世界最佳大學排名**
  - 2019 QS World University Rankings

- **THE亞洲大學排名**
  - THE Asia Ranking

- **ESI 2018入選學門**
  - ESI selected fields in 2018

- **遠見雜誌．2017最佳大學排名**
  - Ranked Top Taiwan University in 2017

- **遠見雜誌．2017最佳大學排名**
  - Ranked Top Taiwan University in 2017

**QS WORLD UNIVERSITY RANKINGS**

- 名列全球362名
  - Ranked 362

- 擠身百大行列
  - Ranked top 100, 8th among Taiwan’s universities

**THE WORLD UNIVERSITY RANKINGS**

- 共6個學門
  - 6 of TMU’s research fields placed in the top 1% in the world

**Global Vision Mag**

- 全國第9名
  - Ranked #9 among Taiwan’s universities

- 教學面向第3名
  - Ranked #3 in Teaching
About TMU library
Main library and hospital branches

Main library

Wanfang hospital branch

Shuang Ho hospital branch
Job description

**Public services section**
- 1. Circulation
- 2. Preservation
- 3. Multimedia center
- 4. Branch libraries

**Technical services section**
- 1. Collection development
- 2. Cataloging & Classification
- 3. Serial management & ILL
- 4. e-resources acquisition

**Knowledge services section**
- 1. Research impact analysis
- 2. Institutional Repository (IR)
- 3. Reference & training
- 4. TMU DigLib consortia
- 5. TMU Academic Hub

Professional librarians: 17
Full time library assistants: 8
14,000 hour part-time student workers / year
# Opening hours

<table>
<thead>
<tr>
<th></th>
<th>Semester</th>
<th>Mid-term &amp; final exam Week</th>
<th>Summer/Winter vacation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M.~F.</td>
<td>M.~F.</td>
<td>M.~F.</td>
</tr>
<tr>
<td>Public area</td>
<td>8:30-22:00</td>
<td>8:00-22:00</td>
<td>8:30-17:00</td>
</tr>
<tr>
<td>Reference desk</td>
<td>9:00-17:00</td>
<td>9:00-17:00</td>
<td>9:00-17:00</td>
</tr>
<tr>
<td>Multimedia center</td>
<td>9:00-20:00</td>
<td>9:00-20:00</td>
<td>9:30-16:45</td>
</tr>
<tr>
<td>Items</td>
<td>Volumes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>---------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Books</td>
<td>129,413</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bound Periodicals</td>
<td>26,032</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Periodicals</td>
<td>484</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-book</td>
<td>90,452</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-journal</td>
<td>17,018</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Database</td>
<td>Chi. 52</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Eng. 69</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiplemedia</td>
<td>11,989</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: 2018.3.31
Budgets of Collection: 2013-2016

USD

2013  2014  2015  2016

E-Resource  Book  DVD  Journal
TMUL
“Young Scholars Nurtured Program”
In 2017, the definition of low-and-middle-income households of Taipei City is less than NT$700,000 (ca. £$17,500) per year.

The proportion of economically disadvantaged students accounts for 2.5% of the student population in the Taipei Medical University.
Statistics of disadvantaged students in TMU

<table>
<thead>
<tr>
<th>Year</th>
<th>Weak Student Total (persons)</th>
<th>Weak Student Percentage</th>
<th>Economic Weak Student Total (persons)</th>
<th>Economic Weak Student Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>418</td>
<td>6.9%</td>
<td>174</td>
<td>2.9%</td>
</tr>
<tr>
<td>2014</td>
<td>378</td>
<td>6.4%</td>
<td>167</td>
<td>2.8%</td>
</tr>
<tr>
<td>2015</td>
<td>366</td>
<td>6.3%</td>
<td>176</td>
<td>3.0%</td>
</tr>
<tr>
<td>2016</td>
<td>365</td>
<td>6.2%</td>
<td>170</td>
<td>2.9%</td>
</tr>
<tr>
<td>2017</td>
<td>360</td>
<td>5.9%</td>
<td>150</td>
<td>2.5%</td>
</tr>
</tbody>
</table>
Introduction of the program

- In order to help economically disadvantaged students buying their textbooks, the TMU library raises fund for the “Young Scholars Nurtured Program”, giving scholarship for applicants to purchase needed textbooks.
Introduction of the program

- This program was launched in August 2014.
- Since then, economically disadvantaged students can apply for a **NT$2500 (ca. £$62.5)** scholarship for needed textbooks in the beginning of every semester with the total budget of **NT $250,000 (ca. £$6,250)** per year.
Introduction of the program

This program is conducted in the following steps:

1. announce and accept applications;
2. organize bibliographies of needed textbooks;
3. purchase books;
4. give books to the applicants;
5. collect feedbacks via questionnaires.
During the period of 2014-2016, the scholarship has been carried out for six times and 227 students from 8 colleges attended this program.

In total, 527 textbooks in which 400 of them are written in Chinese and 127 in English costed NT$435,194 (ca, £$10,880) have been given.
## Applicants from each college, 2014-2016

<table>
<thead>
<tr>
<th>College</th>
<th># of applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of medicine 醫學院</td>
<td>69</td>
</tr>
<tr>
<td>College of oral medicine 口腔學院</td>
<td>20</td>
</tr>
<tr>
<td>College of pharmacy 藥學院</td>
<td>43</td>
</tr>
<tr>
<td>College of nursing 護理學院</td>
<td>39</td>
</tr>
<tr>
<td>College of public health 公共衛生學院</td>
<td>8</td>
</tr>
<tr>
<td>College of medical science and technology 醫學科技學院</td>
<td>19</td>
</tr>
<tr>
<td>College of management 管理學院</td>
<td>12</td>
</tr>
<tr>
<td>College of nutrition 營養學院</td>
<td>17</td>
</tr>
<tr>
<td>Total</td>
<td>227</td>
</tr>
</tbody>
</table>
Applicants from each college, 2014-2016

- Medicine: 30%
- Pharmacy: 19%
- Nursing: 17%
- Medical Science and Technology: 8%
- Public health: 4%
- Management: 5%
- Nutrition: 8%
- Oral medicine: 9%
Top 10 requested textbooks, 2014-2016

- “Handbook of National Examination: Medicine”,
- “Biochemistry (Eng.)”,
- “Pocket Medicine (Eng.)”,
- “Manual of Clinical Use Antibiotic”,
- “Community Health Nursing”,
- “Handbook of Electrocardiography”,
- “Adult Health Nursing”,
- “Illustrated Atlas of the Commonly Used Chinese Material Medic”,
- “Financial Management of Health Care Organizations”
- “Practical Medical Law”.
Top 10 requested textbooks, 2014-2016

◆ 1. First Choice 國考分科詳解醫學 (五)
◆ 2. Biochemistry
◆ 3. Pocket Medicine
◆ 4. 臨床使用抗生素手冊
◆ 5. 社區衛生護理學
◆ 6. 心電圖學必備 (第七版)
◆ 7. 成人內外科護理 (上、下冊)
◆ 8. 原色常用中藥圖鑑
◆ 9. 健康照護機構財務管理
◆ 10. 實用醫事法
Subject distribution of giving Chinese textbook, 2014-2016 (total=400)

- Medicine: 31
- Pharmacology: 47
- Nursing: 67

Other subjects include:
- Public Health: 18
- Biochemistry: 13
- Pharmacy: 21
- Physiology: 21
- Pharmacology: 20
- Dentistry: 1
- Pediatrics: 6
- Neurology: 7
- Cardiology: 6
- Pulmonology: 4
- Endocrinology: 3
- Gastroenterology: 7
- Obstetrics: 1
- Gynecology: 6
- Anesthesiology: 7
- Neurosurgery: 5
- Orthopedics: 6
- Internal Medicine: 12
- Clinical Pathology: 7
- Pathology: 5
- Surgery: 19
- Radiology: 20
- Radiologic Technology: 5
- Medical Laboratory Technology: 2
- Chinese Medicine: 20
- Japanese Language: 5
Subject distribution of giving English textbook, 2014-2016 (total=127)
1. Are you a first time participant of the program?
2. Do you satisfy to the timeline regarding of receiving books?
3. Does this program enrich your learning resources?
4. Overall satisfaction of this program,
5. Comments and suggestions.
Q1: First timer?

68% of applicants are not first timer of this program.

68% of applicants are not first timer of this program.
Q2 : Satisfaction to the timeline?

- Mean = 4.61

93% satisfied to the timeline regarding of receiving books.

2014-2016 academic year

- Excellent: 68%
- Satisfactory: 25%
- Average: 6%
- Unsatisfactory: 1%
- Poor: 0%
Q3: Enrich learning resources?

- Mean = 4.77

100% agreed that this program enriched their learning resources.
Q4 : Overall satisfaction

- **Mean= 4.67**

2014-2016 academic year

100% satisfied to this program.
Q5: Comments and suggestions

1. 這項計畫對於學生非常有幫助，期望未來能繼續辦理
2. 謝謝這次的教科書購贈活動，減輕了買書的負擔。但希望能夠多買幾本書，常常二本原文書就超過預算了，所以都只能買到一本而已
3. 若可以跟班上一起訂書，再向學校申請經費，會比較快，也有團訂的優惠
4. 非常感謝學校提供幫助，希望能稍微提高補助金額
5. 活動可以幫助我們添購書籍！感謝！
6. 活動對學生真的很有幫助
7. 很感謝有這項活動！
8. 謝謝學校提供機會！幫助很大
9. 十分地感謝有此活動
10. 非常感激且受用
Update

- During the 4 years’ period (2014-2017), the scholarship has been carried out for 8 times and 318 students have attended this program.
- In total, 793 textbooks costed NT$612,356 (ca, £$15,309) have been given.
Update

- Based on the result of the survey, the average point of overall satisfaction was 4.8 in a Likert-Scale five-point measure questionnaire, and most of the applicants felt this program is very helpful.
<table>
<thead>
<tr>
<th>Academic year</th>
<th>Application time</th>
<th># of applicants</th>
<th># of books purchased</th>
<th>Expenditures (NT$)</th>
<th>Satisfaction point</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014 Fall</td>
<td>2014/9/1-9/24</td>
<td>58</td>
<td>121</td>
<td>110,670</td>
<td>4.79</td>
</tr>
<tr>
<td>semester</td>
<td>2015/1/12-3/6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015 Fall</td>
<td>2015-9/7-9/30</td>
<td>78</td>
<td>177</td>
<td>151,364</td>
<td>4.74</td>
</tr>
<tr>
<td>semester</td>
<td>2016/2/15-2/26</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016 Fall</td>
<td>2016/6/13-9/14</td>
<td>91</td>
<td>229</td>
<td>173,160</td>
<td>4.85</td>
</tr>
<tr>
<td>semester</td>
<td>2017/1/9-2/24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017 Fall</td>
<td>2017/6/19-9/22</td>
<td>91</td>
<td>266</td>
<td>177,162</td>
<td>4.84</td>
</tr>
<tr>
<td>semester</td>
<td>2018/1/8-3/9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>318</td>
<td>793</td>
<td>612,356</td>
<td>19.22</td>
</tr>
<tr>
<td>Average / year</td>
<td></td>
<td>80</td>
<td>198</td>
<td>153,089</td>
<td>4.8</td>
</tr>
</tbody>
</table>
Some students expressed that they hope the library can give them money directly to purchase needed textbooks themselves to save the processing time.

In the future, the TMUL will adjust the operating procedures and try harder to the fundraising, therefore more students can benefit from this program.
Acknowledgement

We like to thanks Dr. Paul Chen (MD. PhD.)

, an alumni of TMU, for funding this program since 2014.

2014-2017 NT$250,000/ year
2018-2021 NT$300,000/ year
## Information of disadvantaged students in TMU

### 2017 academic year

<table>
<thead>
<tr>
<th>Applicant qualifications</th>
<th>Statistics data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td><strong># of students</strong></td>
</tr>
<tr>
<td>Low-income households</td>
<td><strong>A</strong> 17</td>
</tr>
<tr>
<td>Low- and middle-income households</td>
<td><strong>B</strong> 10</td>
</tr>
<tr>
<td>身心障礙生</td>
<td>36</td>
</tr>
<tr>
<td>身心障礙人士子女</td>
<td>132</td>
</tr>
<tr>
<td>原住民學生</td>
<td>28</td>
</tr>
<tr>
<td>軍公教遺族</td>
<td>10</td>
</tr>
<tr>
<td>現役軍人子女</td>
<td>1</td>
</tr>
<tr>
<td>特殊境遇家庭子女</td>
<td>3</td>
</tr>
<tr>
<td><strong>subtotal</strong></td>
<td><strong>237</strong></td>
</tr>
</tbody>
</table>

### 2018 academic year

<table>
<thead>
<tr>
<th>Category</th>
<th><strong># of students</strong></th>
<th><strong>% in all D students</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;300,000 NTD</td>
<td><strong>C</strong> 90</td>
<td>25.0%</td>
</tr>
<tr>
<td>300,000 ~ 400,000 NTD</td>
<td>6</td>
<td>1.7%</td>
</tr>
<tr>
<td>400,000 ~ 500,000 NTD</td>
<td>10</td>
<td>2.8%</td>
</tr>
<tr>
<td>500,000 ~ 600,000 NTD</td>
<td>10</td>
<td>2.8%</td>
</tr>
<tr>
<td>600,000 ~ 700,000 NTD</td>
<td>7</td>
<td>1.9%</td>
</tr>
<tr>
<td><strong>subtotal</strong></td>
<td><strong>123</strong></td>
<td>34.2%</td>
</tr>
</tbody>
</table>

### # of economically disadvantaged students

| A+B+D                      | **150**          | 42.3%                   |

### Total

| Total                       | **360**          | 100%                    |
Program Expansion in 2018 academic year

- More donation from Dr. Chen
- The program will be expanded to:
  - More disadvantaged student (42.3%) with more budget (2500->3000 NTD) per student.

<table>
<thead>
<tr>
<th>原補助資格</th>
<th>預計放寬</th>
</tr>
</thead>
<tbody>
<tr>
<td>身份</td>
<td>預計放寬</td>
</tr>
<tr>
<td>低收入戶、中低收入戶、家庭年所得30萬以下</td>
<td>低收入戶、中低收入戶、家庭年所得70萬以下</td>
</tr>
<tr>
<td>申請金額額度</td>
<td>2500元</td>
</tr>
</tbody>
</table>
Thanks for listening

Q & A ?