

# 科研半月刊

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宋成利教授访问美国明尼苏达大学，他的报告被美国报纸和网站报道。

<http://medcitynews.com/2012/05/chinese-medtech-institute-has-2000-undergrads-no-wonder-jobs-are-moving-there/>

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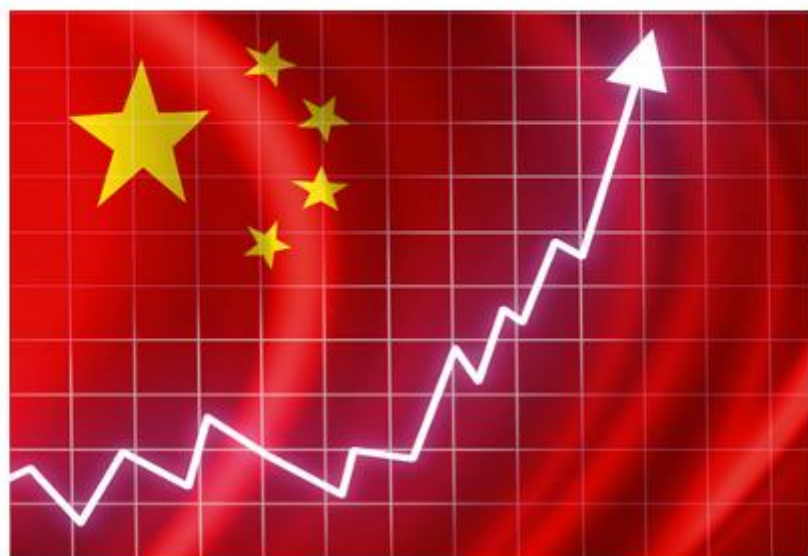
Know What's Next in Medical Innovation

5.31.12 | Arundhati Parmar

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**Chinese medtech institute has 2,000 undergrads. No wonder jobs are moving there**



Medtronic and other large medical device companies are looking toward China to tap the growth fueled by a rising middle class demanding better quality of care.

Rather than just selling to them, companies are also looking to ramp up their local R&D operations in the country. Last year Medtronic opened a regional headquarters in Shanghai.

And looks like there will be no dearth of talented engineers and other personnel to draw from.

A Chinese academic who spoke to a Minnesota audience Wednesday said that in his institute alone there are 2,000 medical device undergraduates.

In his speech, Chengli Song, professor and executive director of the Shanghai Institute for Minimally Invasive Therapy, University of Shanghai for Science and Technology, noted that China is open for business and welcomes international collaboration.

“China is not a closed door anymore,” Song said at the event organized by the Carlson School of Management and the Medical Industry Leadership Institute at the University of Minnesota(MILI).

MILI is also the entity that has entered into a memorandum of agreement with School of Medical Instrument and Food Engineering, where Song is deputy dean, to evaluate Chinese medical technology.

Song said that international collaboration is something that China is actively seeking because the central government has a vaunted goal that by 2020 – less than eight years away – every Chinese citizen will have access to basic healthcare service.

Currently, the nation’s population is 1.3 billion, accounting for 20 percent of the global population.

Achieving basic healthcare for every Chinese will be no mean feat and that is why in the last three years, the government has pumped billions of dollars to upgrade and improve the infrastructure of the healthcare system as well as in R&D.

All of this has led to a surge in homegrown medical device companies and a rising domestic sector in the nation. Song said China has 13,000 medical device companies, of which 3,500 were Class I device companies, 7,600 Class II and 2,300 Class III firms.

China also plays host twice a year to the a large medical device and equipment trade show – China International Medical Equipment Fair. Each province in China occupies a portion of the exhibit area and there is also a separate exhibition space for Chinese companies across all provinces, in addition to many foreign companies.

While 10 years ago, there weren't many small-to-medium sized Chinese medical equipment companies, that has now changed dramatically with many small orthopedics companies with each company having annual revenue of \$10 million.

“In the last 10 years, (medical device companies have grown like mushrooms),” Song said. “Ten years ago it was a rice field and now it has become a modern factory.”

That the government is also taking note of the device market was apparent when President Hu Jintao spoke of the need to “develop advanced medical device R&D and industry” Song said. That marked the first time that any political leader mentioned the device industry by name.

“If you know Chinese politics or how the government proceeds, whenever the top leader mentions something, it means that it is very important,” he said. “And then it comes with ministry plans, it comes with investment and policy changes. We do see the difference after his speech.”

## 我校等共同主办 2012 中国国际康复医学工程大会

由我校与上海交通大学、清华大学、国家康复辅具研究中心、中国康复医学会康复医学工程专业委员会共同发起并主办的第一届中国国际康复医学工程大会（CRME2012）于5月17-18日在上海世博展览馆会议中心隆重举行。

本届大会由我校医疗器械与食品学院生物力学与康复工程研究所与上海交通大学康复工程研究所联合承办，生物力学与康复工程研究所所长喻洪流教授担任学术委员会与本地组委会共同主席，并共同主持了大会。我校医疗器械与食品学院院长刘宝林教授代表主、承办方在大会开幕式上致辞。

国内外的著名康复医学工程专家、中国残联、上海市残联及上海市科委的领导出席了大会。国际康复工程学权威、美国匹兹堡大学 Rory A. Cooper 教授、中国工程院戴尅戎院士、国家康复辅具研究中心主任王喜太教授等专家做了大会主旨发言。有来自美国、日本、中国台湾等多个国家与地区的 300 多人参加了本届大会。

大会期间，我校多项康复工程科研成果还代表医疗器械与康复工程知识服务团队应邀参展了同期举办 China Aid 博览会，受到专家与观众好评。

本次大会的成功举办对提升我校康复工程及医疗器械相关学科在国内外的影响具有重要意义

