



## 學歷

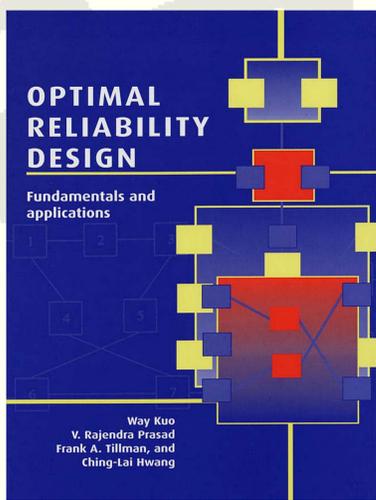
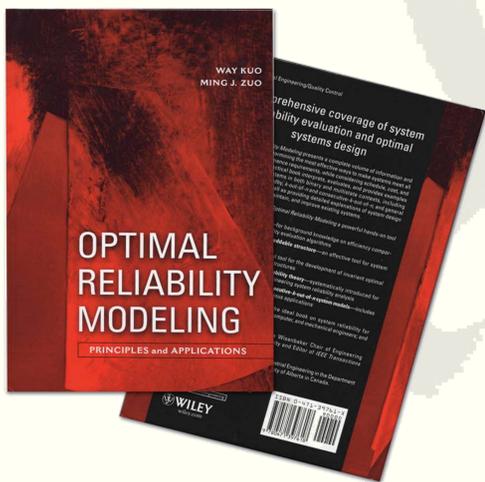
1972年國立清華大學核工系畢業，廿二期預官  
1980年取得美國堪薩斯州立大學博士學位。

## 現任

香港城市大學校長  
清華大學工學榮譽講座教授  
交通大學榮譽教授  
臺灣大學榮譽研究講座  
北京清華大學運籌學講座  
北京航空航天大學、西安交通大學、上海交通大學及中南大學等校名譽教授  
2011年中國國家榮譽博士

**郭**位教授在2003至2008年間，擔任田納西大學工學院院長、橡樹園國家實驗室管理團隊。在2000至2003年間，任教於德州農工大學，為準副總校長兼工學院首席副院長、Wisnaker講座；並在1993至2000年間接掌系主任、管理工業工程與生物醫學工程的課程。在1983至1993年間，服務於愛荷華州立大學，曾擔任該校工業與製造系統工程系主任。在開始學術生涯前，郭教授在貝爾實驗室擔任電子可靠度專家的職務。

郭教授在系統可靠性研究方面享有盛名，為電子早衰期研究的先驅，近年並在納米可靠性研究上獲得突破性的進展。他於2000年當選美國國家工程院院士，是當時最年輕的華裔院士；後於2002年獲選台灣中央研究院院士，2008年獲選中國工程院外籍院士，為極少數同時獲美國及兩岸院士榮銜的著名學者。



郭教授也曾獲頒IEEE可靠度終身成就獎、IIE Holzman 傑出教育家獎及國立清華大學傑出校友等許多國際殊榮。由於學術上的卓越聲譽，郭教授經常獲世界知名學校、高科技公司及研究組織任命為諮詢顧問。

郭教授是八部可靠度研究與教育研究專著的合著者，其中「教研相長：解開大學教學與研究之謎」由清華大學出版社出版。目前擔任IEEE Transactions on Reliability主編。

## Current Trends We Face by Way Kuo

What are the current trends we face in our education experience? How can we keep pace with the broad constituencies of our disciplines and with the rest of society? Where is the market for our future careers?

The efficiency and convenience that new products offer us are not enough. For society to solve the myriad problems it faces, and help to create a better society to live in, we need something more: we need to be creative and self-reflective in the way we think, act and behave.



We need to remain creative in order to maintain a competitive edge. Higher education and industry are highly competitive: we are all competing for the same resources, visibility and recognition. But if we are overwhelmed by others, we have no one to blame but ourselves. To move with the times, we need to examine our own areas of expertise, and ask important questions. For instance, in the past 15 years many disciplines have been merged or eliminated. This is a trend that is ongoing. Deciding what should be renewed, and what should be modified, is crucial for anyone wishing to stay relevant.

Whatever projects we undertake in higher education institutions, we have to ensure that we are responding to societal needs. To do this, our programmes have to be broad-based, inter-disciplinary and high quality. To prepare students for a knowledge-based society, we need young people who are knowledgeable. By seeking broader avenues, we can identify where niche areas of development exist. These niches may be in systems, business, or innovation, and each one offers points from which students and faculty can grow.

One word of caution, though: we are all free to talk and act, and we should do so, but we must consider the consequences and accountability. We can remain integral members of society without acting in restless ways. Democracy must never be misused and we should always anticipate the impact of the things we say. Team work is to be encouraged in our society.

Society is competitive and the best way to succeed is to ask yourself creative questions. Is a degree from Tsing Hua a means or an end? How can you develop further? Is your degree useful to society or is it a qualifier that people can live with or without? Taiwan is flooded with young people with good degrees from prestigious universities. What is your niche and what will your contribution be?