



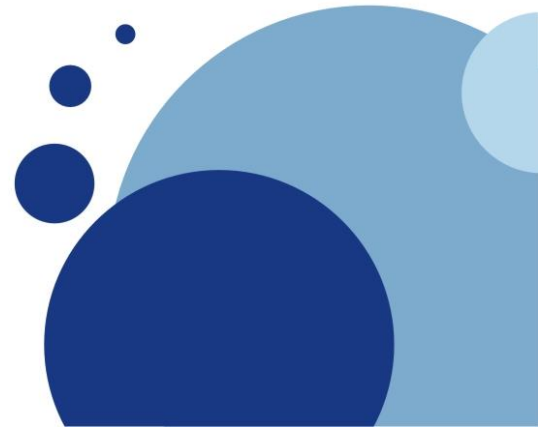
The Making of an Academic

一位学者的塑造

The Making of an Academic

What goes into your CV?

- Excellence in Teaching
- Innovation in Research
- External & Internal Professional Services
- Quality Publication
- Research Funding
- Prestigious Award



This is your Academic Success Criteria
(Countable, Quantitative)

This is your **Visible CV**

How do you develop your **Visible CV**?

Lecture.. $\Phi\delta\sigma3\phi$

Project... $\epsilon\iota\omega1\sigma\Sigma$

Marking.. $\phi\iota\epsilon\omicron\nu\omega$

**Professor!
Keep Trying,
Work Harder**

student feedback career counsel

examination preparation peer evaluation

student project teaching & research
assessment exercise

new subject development
interdisciplinary study

professional accreditation

teaching outcome

job for student

program review

course portfolio




**Wow, I am 50 &
I finally get an
Innovative Research Award!!**

Consulting

**Conference
Journal**

**3A+4B SCIs, 5 EIs, 1 Million\$
grant, 2 Ph.D. & 5 Master
students, NSC award, journal
editor, cumulative impact
factors 100, total citations 5000,
20 patterns, 8 prize awards, 3
honorary doctors, 743 papers**



Course leader, community service, industry liaison, IEEE, SMC, ACM, Academy of Science, ICMLC, AI Committee, NAFIPS, mathematics society, govt com, school board, university senate, promotion board, college board, SMC BoG, chapter, Distinguished Lecture, more, and more to come

I work harder than a poor cow!

Assistant



Associate



Professor



**Chair Professor
Head And Dean**

**University &
Professional Services**

諾貝爾獎
中央研究院院士

國科會研究獎
傑出自動控制工程獎
研究傑出教授獎
IEEE Fellow

有庠元智講座
國科會傑出研究獎

元智大學

元智大學



Congratulation! You made it. You
Have succeeded. You have
accomplished all these great
achievements.

Are you really successful?

Are you all done?

Not Yet!

You have a great **VISIBLE CV**

But, something is missing.

What is missing?

We all have an **INVISIBLE CV!**

Invisible CV

(Inner Quality, not measurable)

- **A Calling to your profession**

“Why do you want to become an Academic?”

You are being called to do what?

What is your vision and mission?

The Call to be an Academic

What is it all about?

A Tale of Two Cities - “Alberta and Hong Kong”

The Soul of an Academic

“Pass It On”

Why the “Thanksgiving” picture in the first slide?

Because we owe it to those who pass us the favors.

Pass It On

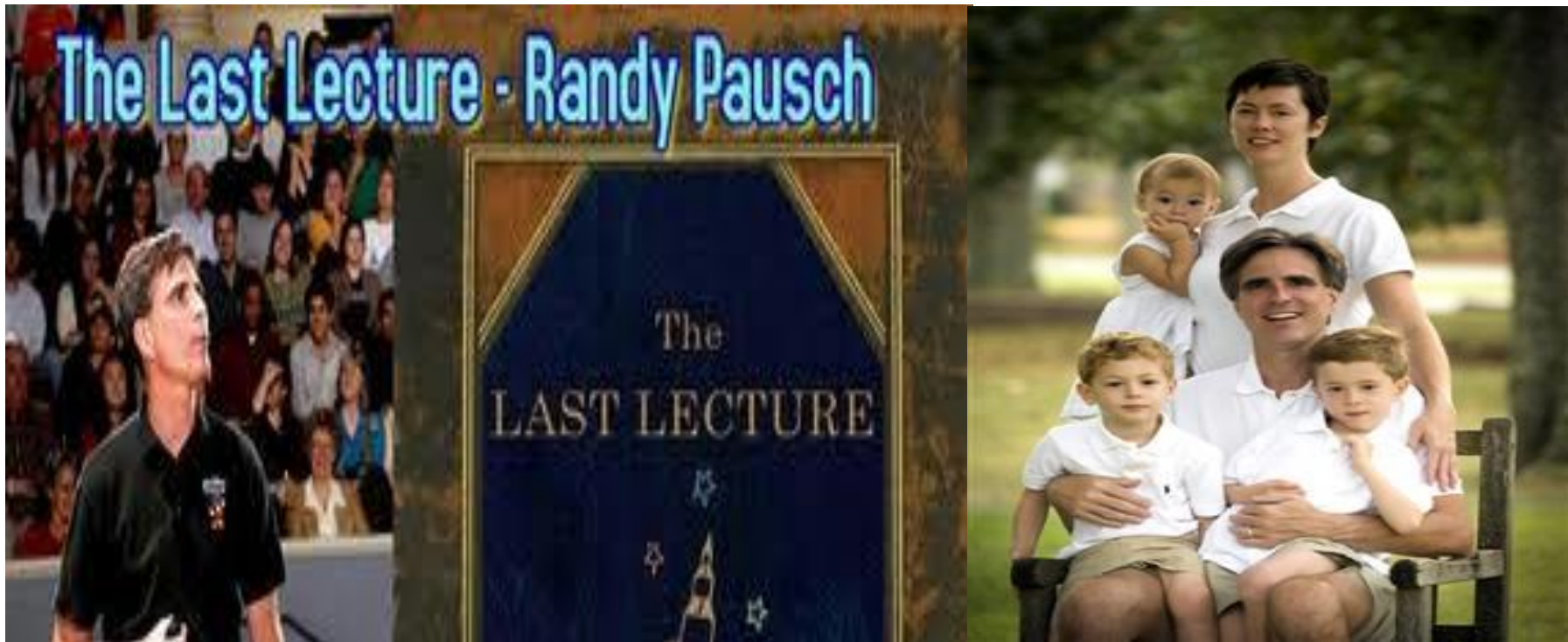
But what are we passing on?

- Knowledge transfer?
- Value system?
- Technical skill?
- Serving as a role model?

Invisible

(Inner Quality, not measurable)

- An **Integrity** in what you do
- A **Passion** for what you do – Help students fulfill their dreams
 - A passion for education and teaching his students to follow their dreams and to never give up (Project Based Learning) – *Last Lecture* 2007



Invisible Success Criteria

(Inner Quality, not measurable)

- A **Compassion** for those you serve
- No **Failure**, No **Success**
 - This world obsessed with success
 - **Only success; rejecting failure**
 - Prepare our students to face failure and learn from it
 - Failure the best teacher of humility



**16 failures before elected the
President of the United States**



no athletic scholarship offers out of high school
undrafted out of Harvard University
partially guaranteed contract with his hometown Golden State Warriors
Downgraded to the NBA Development League (D-League) three times
waived by the Warriors and the Rockets
continued to play sparingly with New York Knicks and again spent time in D-League.

In Feb 2012, he unexpectedly led a winning streak by New York & became known as Linsanity

The foundation for success is often rooted in failure

I wish everyone

INVISIBLE CV

VISIBLE CV

X 失敗 的 **X** 失敗者

X 失敗 的 **✓** 成功者

✓ 成功 的 **X** 失敗者

✓ 成功 的 **✓** 成功者

Pass It On

Thank You