

What Kind of Job?

(a.k.a. How to be happy for the rest of your life!)

Lawrence M. Seiford



Michigan **Engineering**

Industrial and

Operations

Engineering

Don't do as I did

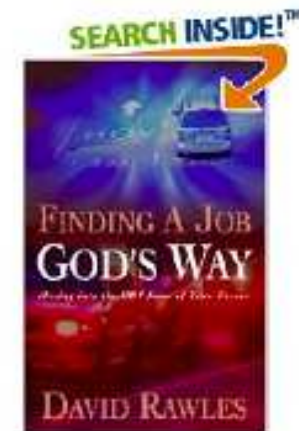
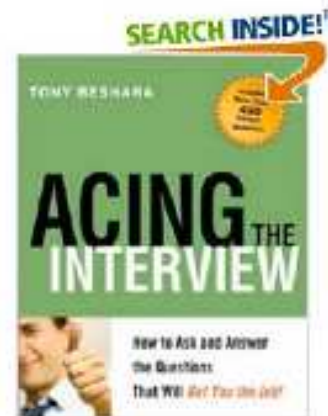
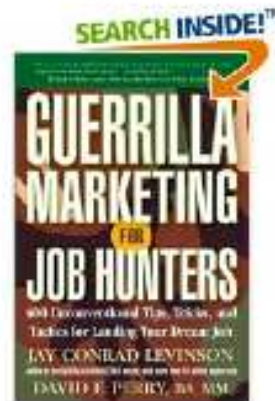
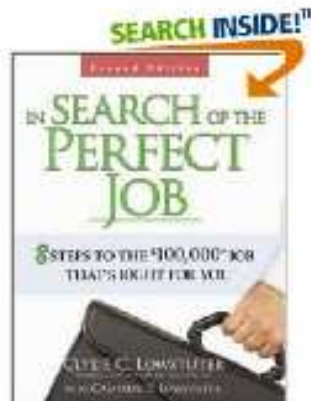
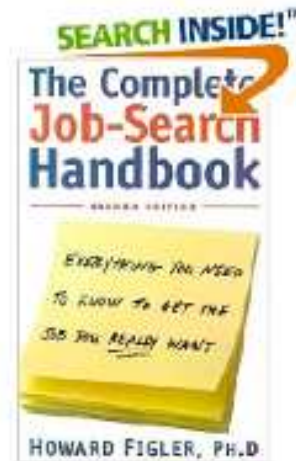
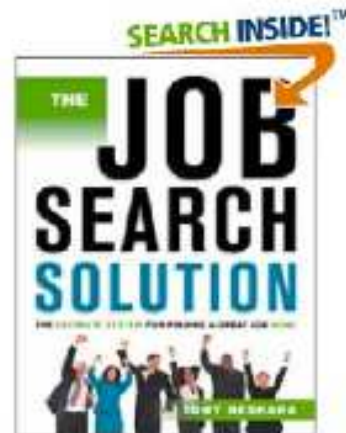
(my sample path)

- Born in Texas
- Degrees in Mathematics
- Post-doc in Canada
- Tenured in B-school (UT-Austin)
- Tenured in CoE (UMass - Amherst)
- Went to Washington, DC (NSF)
- Now at Michigan (non-value adding role?)

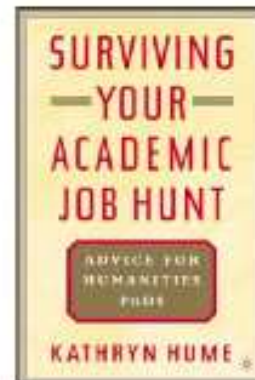
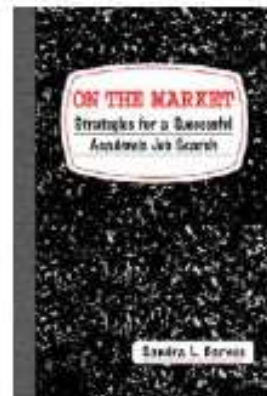
However you lived your grad
school days

...so the rest of your life(?)

How to Get a Job



How to get an Academic Job





Where to find jobs?

Like asking Where to shop?

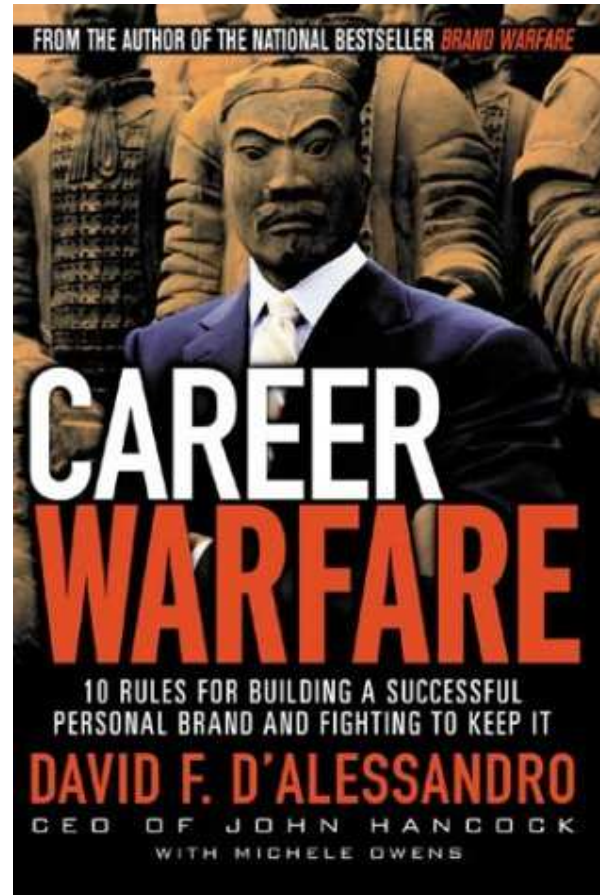
Shop for what (food, clothing, car...)



What kind of job?
(KNOW this first)



Wrong fit = Constant battle



Dimensions of your ideal job?

Large vs Small

Research vs Teaching

Graduate vs Undergrad

Engineering vs Business vs Math

Scholarly vs Industry/Tech Transfer

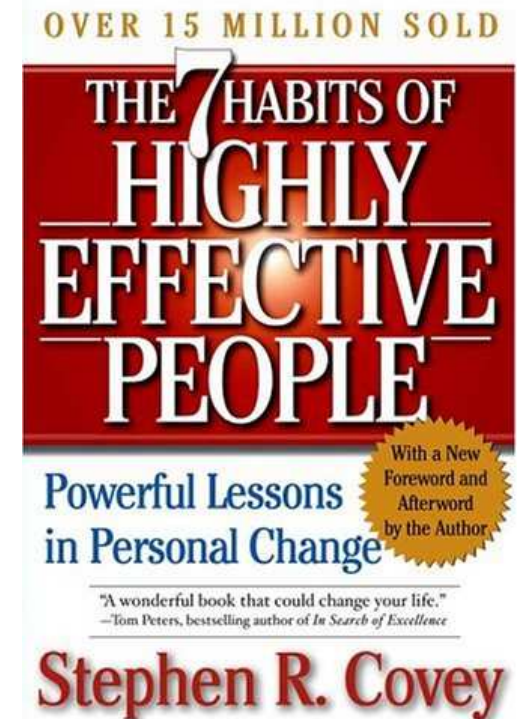
What do you enjoy? What are you
good at? What turns you on?

Where to Start?

Habit 2: Begin with the end in mind.

Stephen R. Covey

What does your end look like?



Timetable/Horizon for the END?

- Get job
- Work hard for five years (teach, publish, get funding, grad students, do service, etc.)
- Go up for tenure (assemble T&P package)
- Live happily ever after.....

END at a Large Research University?

Excellent research

(Publications vs Funding vs Reputation)

"Good" teaching

Compensated by research?

Business vs Engineering --- (two stereotypes)

Adequate service

Internal vs External

Access to Great Resources (grad students, funds, infrastructure, colleagues) -> Research!

Industrial and Operations Engineering at Michigan

- Casebook Committee assembles materials and recommends
- Strong case
 - 18-20 good journal publications
 - 2+ NSF grants
 - 1+ PhD graduated
 - Excellent teaching
 - Adequate (distinguishing) service
 - National/international reputation
 - Strong letters (external, internal & students')
- Casebook->Dept->College->Provost->Regents

General Advice

- Network, network, network!!!
- Start working crowd now (here at INFORMS)
- Marketing is not bad; it's necessary!
- Who? (at the END in whose minds?)
 - Program directors at funding agencies, research colleagues, teaching colleagues, professional organizations, alumni, industry, editors...
- Two final points to take away.....

Beware (PHDCs) & Prioritize: It's your career to manage



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Write a Career Plan: where will you be in 10-15 years?

Randy Pausch (Live your dreams!)

<http://www.cs.virginia.edu/~robins/Randy/>



(1960-2008)

