



張典顯博士 特別演講

生物醫學研究者之生涯規畫

Toward a Successful Graduate Career:

The Stakes and Some Ropes ■ 作者：王秀芳



Dr. Chang

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- 本活動以英語進行
- 時 間：98年2月13日(五)下午四點(咖啡及茶點供應)
- 地 點：成大醫學院一樓第二講堂
- 主辦單位：婦產科/主持人：郭保麟 教授
- 協辦單位：基醫所 臨醫所

Graduate School :Why?

- By default: didn't know what to do
- Herd mentality: everybody is doing it
- Hard to find a job
- To explore and fulfill personal interests and curiosities in sciences
- Toward establishing a professional career
- Earn a living and hopefully have some fun
- Ph.D. is Not for Everyone
- It is a long commitment (5 to 7 years)
- It requires additional post-doctoral training (3 to 5 years?)
- It does not automatically land you on a long-term job
- Not all Ph.D.s are equal
- So, to have a better future, you need to pursue a SUCCESSFUL Ph.D.

Defining "Success"---

Ph.D.? Secured Job? Principal Investigator?
National Academy Sciences Member? Nobel
Prize?

- Subjective: personal fulfillment

- Objective: peer recognition
- praise and trust by supervisor
- publications, awards, and patents
- selected speakers in professional meetings
- elected officer by professional organization
- reviewing manuscripts for top journals
- journal editor; invited review author

Becoming a Successful Ph.D. ---Recognizing the Problems

- Murky student/mentor relationship
- Student vs. teacher (lowest stake)
- Trainee vs. trainer
- Disciple vs. master
- Employee vs. employer (highest stake)
- Expecting the "expectations"
- This project is YOURS! (taking ownership)
- Grow up! You got no one to blame!
- Totally self-motivated (intellect & lab)
- Work ethic: fully devoted
- Inquisitive and critical mind
- Focused and risk-taking (boldness)

ALL in ALL ...

- Knowing WHY you are there
- Set short-term (yearly), well-defined, realistic, measurable goals
- Focus and work hard toward goals
- Evaluate progress
- Learning all the time
- Communicate (!) and stay connected
- Impress people (mentors & other scientists)
- Build comradeship (forming supporting group)
- Have fun, take some risks, and enjoy the process

Rules #1 To succeed in science, you have to avoid dumb people.

Rules #2 To make a huge success, you have to be prepared to get into deep trouble.

Rules #3 Be sure you always have someone up your sleeve who will save you when you find yourself in deep s--t (= shit).

Rules #4 Never do anything that bores you. You Got to Find Your Love. Have fun and stay connected, hungry and foolish!

To succeed, you must first have some---

PASSION & Thoughtful planning & Hard works.

Wish you a good success in your graduate career!

