

耿慧學妹：

來函收悉。謝謝妳。

離開物理系也有一個多學期了。現在在陽明生化所碩士班。生化裏沒有理論，有的也只是糊哩糊塗、輕描淡寫的熱力學，和“算出來”的軌域能階，不用導證，用解釋即OK，實驗才是這行的證據憑藉，步驟繁瑣，又有一堆不可控制的聽天由命。

上回應允之稿已附上，代我們問候諸師長及各位學弟妹們。

謝謝！  
祝  
學安



潘璋  
1994.3.7

PS. 在這孤獨無力的山腰上，有你們的問候——  
好感動喲！

在系上待第五個年頭“窩”的地方從這棟建築的一端換到另一頭。

第四年到第五年，中間似乎有個不連續的jump或說是個分水嶺，跨過這個分水嶺即使還在原來的地方，心情也大不相同。看事情的眼光不同了，做事的態度不同了，看這棟灰灰的舊建築中的人、事、以及物理的心情也都不同了。

也很難說有什麼不同。變得比較謹慎、比較老氣、不再像以前那麼純真，也許就是那不同之所在吧？有一些無形的壓力或要求存在，也很難像以前那樣率性自持。

走到台大的後面，發現以前一眼望去一大片的草地成了一大片的圍籬，笑聲、人聲、玩耍的孩子們大人們又少了一片可以佇足之所在。當年振興草坪圍起來時，多少人抗議感傷它的消失，今天台大最後一塊草皮也圍了起來，卻再不見聲聲鼎沸。人來人往，潮去潮來，神傷著人事甚至物的變遷。定心沈思才發覺人所神傷的，還是自己。

佚名

Open your mind, for the world  
outside is different

黃旭霆  
B78202013

B782

### 給學會：

很抱歉這麼晚才寄回函給你們，不過這是有些原因的，一個多月以來，我一直儘可能的騰出時間，忙著為了原先已答應要寫給“時空”的一篇有關EPR反論的故事，（簡單的說，就是仍存疑量子論的一些前輩，如Einstein等人，所作的一些奮鬥文），準備資料，我想寫好這篇故事該是對“時空”最好的交待了，因此暫時沒有空回明信片給你們，至今大致已找到合適材料了。而昨晚忽然被告知你們不要了，反倒好像生活中拿掉一件大事，竟然閒得有點不太習慣……以上可算是我生活近照吧！

剩下的事，一是如何向這故事的原作者——現在空軍的黃志偉說明，二是趕趕因而耽擱的功課和（助教）工作。

祝編輯愉快！PS.來函中你們還把我的名字寫錯了啦！

#：更正確的說，是替志偉續完這篇故事

B78202012 蔡日強（現台大物研一）

### 學弟妹們：

離開學校，進入軍旅，所感最遺憾的事——沒有真正對系上、同學及周遭事物付出一份真誠且濃厚的關心。

因此，冷淡隔閡充斥在本應和樂、溫暖的環境中，僅以一個過來人的身份告訴你們——多花些應該而卻常被人忽略的關心，來關心你的周遭，那怕是簡單的一句“你好嗎！”

學長 林國輝

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雖然在四年中，念的不太順利，混的有點辛苦，終究也能畢業，考上電機研究所。我是陳昭翰，相信我的狀況大家或多或少都曾聽聞，所以大家一定都能順利畢業，同時祝要考研究所的諸位“同學”都能順利考上。

明年我也許會考物研的博士班！不過似乎不太好玩。

陳昭翰

Hello to all our dear classmates, this is Chien-hung Chen greeting from stonford. Except for the ridiculaus amount of homeworks, I am very good here. California is a good place: lots of sunshine, comfortable temperature, few rains - but we have some quakes. I wish all of you are doing well in your fields. keep in touch, Okay?

Jason Chien-hung Chen

陳建宏

### 物理系的學弟妹們大家好：

我現在在憲兵司令部軍樂隊服役。很高興收到來自母系的訊息。很懷念往日校園的生活，希望還未步出校門的學弟妹能好好珍惜這四年，體會校園生活的真和物理世界的美。

鄭志祥

83.3.6

PS.時空出版時別忘了通知我們。

### 畢旅生活的寫照：

- Being a NOMAD 至今已住過“八”個不同的營區了！少則三天，多則數月。
- Being a MEDITATOR 沈思是打發短暫空閒的最佳方法。

周厚圖



### 親愛的學弟妹：

我目前服役於空軍警衛部隊，提到空軍，大家都以為很「涼」。沒錯，空軍大部份的單位都很涼，但不包括警衛部隊。想想看，每天要執勤八小時（站二歇四），不分晝夜，又要出操上課，五項戰技（五千、五百、刺槍、打靶、手榴彈），警衛勤務，樣樣都操，你說涼嗎？各位學弟若有抽中空軍的，可別高興得太早了。

在這種環境下，想要自己唸些書，幾乎是不可能的事，所以奉勸各位學弟妹，好好把握現在無憂無慮的學生生活，努力學習自己想學，應學的東西，累積自己的資源。

真的！當學生真好！尤其是台大的學生。

學長 黃志偉

B78202033

仲相兄Charming.

你們可好？忙些什麼呢？

瑛貴留

B78202033

Hello! 大家都好嗎？

我是心怡。

半年多在南嘉大（南台灣嘉義民雄中正大學）念“物理”，“悟理”的環境真是有如在“霧裡”，上學期還一度心情低落到極點，差點想就此“勿理”，幸好有“家”人“群”在支持我，最近情況越來越好，對自己生活的掌握度亦越來越高，覺得越來越有信心了！最近在努力一項近程目標，希望能達成！

那四年大家叫我“小美人”或“心怡”的日子，真令人懷念，即使過去是那麼多的理由（or藉口）沒把書念好，但是能和一優秀謙虛的人同窗過，真是今生無悔於畢業自台大物理系。

我愛你們

心怡

1994.3.13

PS.家群現在很好

B78202039 物理五 蔡振家

我是直升不成的延畢生，現在到系上只去「物五教室」上課，其餘時間則投注於戲曲音樂，忙於社團，考研究所。

物理系五年的前半段可用“心不在焉”來概括。大三下修了「基本粒子導論」而未修「量子物理下」是個重要的選擇，這使我常跑系圖看一些“不該看”的書，重拾高中時的痴狂——大四上修的「量子力學三」也是“不該修”的課，現在回想起來？十分慶幸在離開物理之前，有機會見識到Berry's phase等之奧妙與美麗。「群表現」課的期末報告，成為我物理生涯的終曲，雖然對Poincare群之表現與Dirac方程式的個人見解，未能釐清十分遺憾，但有留下這些足跡，也不枉我走此一遭吧！

20X3

耿慧：

你們好，接到你們的來信，讓我瞬間回想起奔波的往事，甜蜜而溫馨。

物理系畢業後，我以多5分的成績就讀台大應力所，目前選擇精微力電工程組研究，換句話就是「機電整合，力電合一」的前景，我很想提供這條好路給學弟妹認識，無奈你們在三月十六日截稿（連春假讓我提筆的機會都沒），所以只好以三言兩語替代千言萬語了，最後祝你們如意。

逸中

李宗恩

**Lee:** I am *Tsung-en Lee*. I graduated from Physics Dept, NTU in 1993. Currently, I am a Ph.D candidate in Electrical Engineering Dept, Stanford University. In fact, I just passed the Ph.D Qualifying Exam this January. I am glad to share my experiences with my juniors. I may be too young to recommend. It's my pleasure to contribute to "Time and Space", anyway.

**Editor:** Let's talk about studying abroad. What made you study at Stanford?

**Lee:** I got admissions from some good schools last year. It's not easy to decide where to go. For example, I got fellowship from Applied Physics Harvard University. Princeton's professors called me up several times about my scholarship and research. I was invited to visit Stanford. Finally, I decided to enter Stanford because I liked it most. Of course I was offered good conditions including my stipend. In fact, I was lucky. My department accepted many Taiwan students this time. But, I was the only student who got scholarship. Stanford is 30 miles south from San Francisco. The environment is very good. Although it might be incorrect I think Stanford is the best school in the west coast. Most departments are ranked in top 10. As to electrical engi-

neering, MIT is great. I can't say we are better than MIT even though some reports do put us in the first rank and MIT the second. But nobody can beat us in VLSI fields. My department is strongly related to industry. You know, here is silicon valley. At the same time, we have to compete with other schools and research centers. I have to say equipments here are much better than those of universities in Taiwan. Most of professors teach very well because students' attitudes are very important for them. And it's a quarter system here. So everyone has to work hard to follow the instruction.

**Editor:** What fields do you focus on? Is it concerned to Physics?

**Lee:** I plan to do research in ULSI/ VLSI devices and circuits. But I will strengthen my knowledge in general electrical engineering. It is also required by my department. I think it is not related to physics directly. However, engineering is developed from science. So you can say they are related somehow.

**Editor:** What reasons make you choose to study this?

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**Lee:** Good question. In fact, I planed to study optoelectronics and novel quantum devices before I came here. And I stayed in Prof. Yamamoto's group last quarter. He is very famous in quantum noise and some fields in optical communication. But, after taking some courses, I found devices and circuits were more attractive to me. Stanford is in the first rank of VLSI devices and circuits. It's quite challenging for me to learn VLSI here. However, I am still interested in quantum devices.

**Editor:** Please introduce the major projects in your institute.

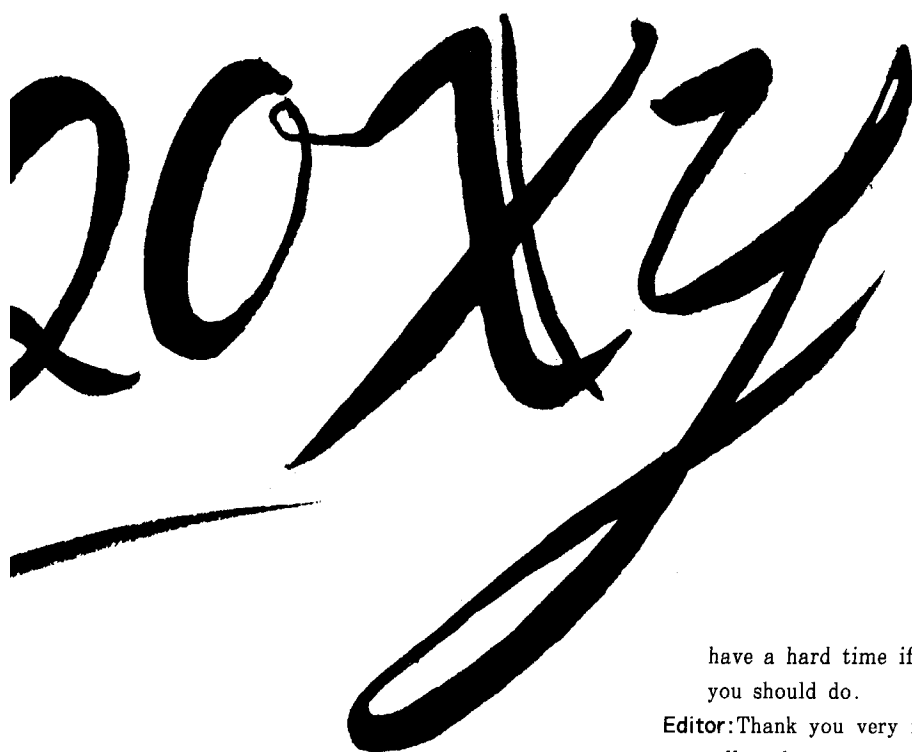
**Lee:** There are several big labs in my department. They are related to computer science, integrated circuit, signal processing, solid state physics, quantum optics, and etc. But they usually cooperate with each other. Contact me if you are interested in Electrical Engineering Dept, Stanford University. I can explain the details to you.

**Editor:** What do you think most important for a student studying abroad?

**Lee:** I think confidence is the point. Most Americans that I know are quite confident. Taiwan students seem to be shy. We can't feel free to talk with some famous professors. If you are not confident, you lose yourself. Confidence is very important. You will have a hard time to set up your confidence. Allow it but recover as soon as possible.

**Editor:** Do you have any recommends for the juniors who would like to study abroad?

**Lee:** If you want to do research, you can begin to read papers. Your grade is important. But it is not so important as you may expect. At the same time, good grade is not enough. Find out what you are really interested in. Don't pursue a Ph.D degree only because of the title. In my opinion, many Taiwan students try to enter some good graduate schools without real goals. You will



have a hard time if you don't really know what you should do.

**Editor:** Thank you very much for this talk. Could you tell us how one can contact you if he'd like to?

**Lee:** My pleasure. However, don't take my words too seriously. It's only my experience. If you'd like to talk more with me, you can use e-mail or send me a real mail. My e-mail # is "telee@leland.stanford.edu". And my mailing address is "P.O.Box 9204, Stanford CA 94309, USA". Please feel free to contact me.