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## News

### *New Department Chair From September*

Professor **Robert Porter** will conclude his three-year term as Department Chair on August 31. Recently it was announced that **Charles Manski** will serve as Department Chair for the period September 2007 through August 2010.

### *Visitors*

The Department has a number of visitors during the Spring Quarter. We have three visitors who will be here for the entire quarter. **Eric French** is from the Federal Reserve Bank of Chicago. He will be teaching a graduate course in public finance (a description of the course is in the "Teaching" section), and will be in room 335 (1-8224). **Ingunn Lonning**, who has research interests in finance will be teaching an undergraduate course in international finance. She will be in room 3225 (1-8213). **Olivier Compte**, a theorist from Paris will be in room 342 (1-8220).

The Center for the Study of Industrial Organization will have two visitors from the start of the quarter until mid-May: **Imran Rasul** from University College London, and **Oriana Bandiera** from the London School of Economics. They will be in rooms 3236 (1-8243) and 3234 (1-8482) respectively.

We have three visitors - **Steve Redding** (of the London School of Economics), **Shang-Jin Wei** (of the International Monetary Fund), and **Gianmarco Ottaviano** (University of Bologna) who are part of our for-credit lecture series on international and development economics. For full details on this series, and their visits, see Economics 499 in the "Teaching" section.

Other short-term visitors include **Navin Kartik**, a theorist from the University of California at San Diego from March 26-30; and econometricians **Xiaohong Chen** from New York University on April 9-13, and **Bryan Graham** from the University of California at Berkeley on April 13-16.

Finally, macroeconomist **Thomas Sargent** of New York University will be here to present the Spring Department Wide seminars on April 24-26 (see listing in the "Events" section).

### *Placement Report*

Professor **Aviv Nevo**, Director of Graduate Placement, reports that the market for new Ph.D.s continues to be strong and that most students had many interviews and a substantial number of fly-outs. At the time of writing, all but one student had one or more offers.

While most students are still waiting for additional offers and making their final decisions, some have already decided:

**Erin Todd Bronchetti** - Swarthmore College

**Hanna Halaburda** -- Harvard Business School

**Viswanath Pingali** - Cornerstone Research

**Itai Sher** - University of Minnesota

**Nicolas Vincent** - Université de Montréal, Business School

Students who intend to be on the job market next year, or are just curious about what it entails, are encouraged to attend an orientation Wednesday May 2 (see in the "Events" section below).

### *Supervised Teaching Experience*

The Department has decided to start enforcing a modified version of a longtime requirement that all graduate students gain some teaching experience while at NU.

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The official statement wording is:

“All doctoral students are required to act as a teaching assistant for at least one quarter. As part of these duties, the student must lead a weekly discussion section. Teaching experience is an essential part of graduate training. Foreign students must demonstrate acceptable English proficiency as proscribed by The Graduate School. Evaluations are made and kept as part of the students' records.”

Basically the Department is requiring everyone to TA for at least one quarter at some time during their graduate career. This will be a binding constraint for very few people, but we do think this is a valuable and important experience to have. Experience presenting materials is useful both for future teaching as well as future paper presentations.

The policy will be enforced starting with current second year students-that is the entering class of 2005. While it will not be enforced for students entering prior to 2005, the Department strongly recommends that students gain teaching experience.

### *Graduate Studies Committee*

The Department's Graduate Studies Committee will meet on March 8. The committee includes student representatives Ryan McDevitt (2<sup>nd</sup> year), Ben Handel (3<sup>rd</sup> year) and Reinout DeBock (5<sup>th</sup> year). The committee discusses matters of relevance to our graduate program. Please contact Professor Taber, Director of Graduate Studies, or any of your representatives regarding topics to be discussed at this or future meetings.

### *Honors*

Congratulations to **Marianne Hinds** who has won an NU Presidential Fellowship for the academic years 2007-08 and 2008-09. This is Northwestern's most prestigious award.

One of our former students **Nicola Persico** (PhD, 1996) who is now at New York University was awarded the 2007 Carlo Alberto Medal which recognizes the

most outstanding Italian economist under the age of 40. **Max Kwiek** (PhD, 2003) now at the University of Southampton in the UK won a national student-nominated award for his teaching.

## Events

### *Open Day*

The annual Open Day for prospective PhD students will be held on Friday, April 6. Graduate students who would like to assist in welcoming prospective students should contact **Mercedes Thomas**, or Professor **Igal Hendel**, the Director of Graduate Admissions. The day will culminate in a reception to which all the graduate students and faculty are invited. The reception will start about 5:30pm and will be held at the John Evans Alumni Center which is at the corner of Clark Street and Sheridan Road.

### *Department Wide Seminar*

The next distinguished visitor in our Department-wide seminar series is **Thomas J. Sargent** from New York University. He will be visiting and giving two talks on Tuesday, April 24 and Thursday, April 26. Both are scheduled from 3:30 to 5pm. His research interests are in macroeconomics. He is a past winner of Northwestern's Nemmers Prize in Economics.

### *Schwartz Lecture*

The annual lecture series organized by the Kellogg School of Management to honor the late Nancy Schwartz will be at 5:00pm on Wednesday, April 25 in Leverone Hall G40. This year's lecturer is **Matthew Jackson** from Stanford University. The title of his lecture is “Social Structure, Segregation, and Economic Behavior.”

### *Job Market Orientation*

Students who are thinking about going

on the market next year should attend an introductory meeting scheduled for 5:15pm on Wednesday, May 2 in Andersen 3245. Professor **Aviv Nevo**, the Director of Graduate Placement, will provide an orientation for those considering going on the market in the fall. However, any student in the third year and beyond who are curious about the job market process are welcome.

### *Second & Third Year Orientation*

Professor **Chris Taber**, the Director of Graduate Studies, will be holding mandatory meetings for the second and third year students on Wednesday, May 9. He will cover important deadlines, degree requirements, and funding availability. He will also answer your questions. The meetings will be held in Andersen 3245.

Second year students should attend from 5pm to 5:30pm, and third year students from 5:30pm to 6pm

### *Field Course Meeting*

An orientation session for students entering their second year will be held on Monday, September 24 from 1pm to 4pm in Andersen 3245. The session will discuss the 501 requirement, funding criteria, and include presentations on each of the field course sequences that you can take in both the Economics Department and KSM. Prospective second year students who also expect to be Teaching Assistants will need to return to Evanston the previous week for mandatory training (see “Formal Announcements” section).

## Teaching

### *Next Year's Course Schedule*

We are still working on the teaching schedule for next year. The schedule of courses will be posted on our website at the start of Spring Quarter.

*This Quarter's Course Descriptions*

The Department has a policy to avoid excessive awarding of incomplete grades. Please see our web site for a complete statement. Report any problems to the Director of Graduate Studies.

**Economics 412-2**

Economic Theory and Methods  
Professor Pavan

**Economics 414-2**

Economics of Information  
Professor Whinston  
TTh 9-12 AAH 3204

*These courses will be taught jointly. Students must register for both courses and will receive two credits.* The course is divided in six parts: (1) *adverse selection* (static mechanism design with a single and multiple agents, the dynamics of incentive contracts under full commitment, renegotiation-proof optimal contracts, ratcheting, and collusion); (2) *moral hazard* (the canonical principal-agent model, moral hazard in teams, repeated moral hazard, renegotiation, and collusion); (3) *multilateral contracting* (common agency; competing mechanisms, and contractual externalities); (4) *property rights and the theory of the firm*; (5) *foundations of incomplete contracts* (the hold-up model, option contracts, cooperative investments, and complexity); and (6) *theory of organizations* (authority, career concerns, delegation, and relational contracts).

Evaluation will be based on a take-home final exam.

**Economics 416-3**

Advanced Macroeconomics  
Professor Wiederholt  
MW 11-1 AAH 3245

This course is about information and macroeconomics. The course will cover several ways of modeling information frictions: noisy observations, information delay and rational inattention. The course will examine whether information frictions help explain business cycles and other

macroeconomic phenomena. The reading material will consist of published articles and working papers. Evaluation is based on several problem sets and a final exam.

**Economics 420-1**

American Economic History  
Professor Ferrie  
TTh 9-11 AAH 3245

The course (1) acquaints students with research on long-term factors in the development of the American economy that are overlooked in the contemporary focus of other courses; and (2) familiarizes students with the methods and materials of economic history. Topics include the growth and spread of labor and capital markets, technological change, long-run macroeconomic developments, the evolution of health and living standards, and the changing role of government. The emphasis will be on students' participation in discussions and their demonstration of the mastery of the tools of economic history in evaluating the materials presented in class and in completing a significant piece of original research using primary materials.

Evaluation will be based on participation in discussions (20%), four short (6-8 page) papers (40%), and a final paper (40%). There is no textbook for the course. A CD-ROM containing all of the readings will be available on the first day of class.

**Economics 425-2**

Theory of Economic Development  
Professor Matsuyama  
TTh 11-1 AAH 3245

No description received.

**Economics 436-1**

Theory and Practice of Public Finance  
Professor French  
TTh 1-3 AAH 3245

This course covers areas of active empirical research on the effects of taxes

and government spending programs, although the key theoretical concepts of taxation will also be covered also. The areas covered are welfare economics, quasi-experimental and structural estimation methods, calibration methods, income taxation and labor supply, the role of savings incentives on national savings, and the effects social insurance programs such as social security.

Evaluation is by several problem sets and an in-class presentation. There will be selected readings, plus the recommended text *The Economics of Taxation* by Bernard Salanie (MIT Press, 2003).

**Economics 440-3**

Economics of the Labor Market  
Professor Mortensen  
MW 1-3 AAH 3245

The goal of the course is to integrate the theory and empirical literatures on wage and employment determination and to use the results to study the effects of labor market policies on both. Models of labor turnover, job flows, unemployment duration and incidence, unemployment, job creation and destruction, and wage dispersion are developed and studied. The two empirical focal points of interest are high unemployment in Europe and wage dispersion in the US. These topics are all studied within the context of a general search and matching labor market equilibrium framework. Empirical content will emphasize studies based on worker unemployment and job duration data and matched worker-employer panel data. The course is designed for students of macroeconomics as well as those specializing in labor.

**Economics 450-3**

Industrial Organization and Prices  
Professors Porter & Rogerson  
MW 9-11 AAH 3245

The course will be divided into two parts: auctions; and the theory of regulation. The part on auctions will study positive and normative issues. The former

includes the analysis of behavior, and the latter optimal design issues. The emphasis will be on the estimation and testing of game theoretic models, and especially on recent developments in the field. The part on regulation will study optimal pricing, incentive regulation, regulation of interconnecting networks, and other recent developments in the field. Evaluation will be by several problem sets and a final exam.

**Economics 498-2**

Advanced Topics  
Professors Hendel and Whinston  
M 3-6 AAH 3204

The course will cover empirics of contract and organizations. Subjects to be covered include: moral hazard and incentives to provide effort, testing for adverse selection, contract dynamics, decision rights, transaction costs, implicit/relational contracts, and vertical contracts. The emphasis will be on the empirical literature, and its links to the relevant theoretical foundations. *Students should note the overlap of material with that presented in 450-3 last Spring Quarter. Also note that this class was originally scheduled for the Winter Quarter.*

**Economics 499**

Independent Study  
Professor Matsuyama  
TTh 2-3:30 AAH 3204  
Weeks of April 2, May 14 & May 21 only

The Department is again hosting a lecture series in International Trade and Development Economics. Part of this series was held in the Fall Quarter, and the remainder in the Spring Quarter. Graduate students can take this lecture series for credit by enrolling for an Independent Study with Professor Matsuyama in the Spring Quarter. This Independent Study can be combined with Economics 460-1 or Economics 425-1 or 425-2 to satisfy a field requirement.

Besides attending the lectures, students

must also write a short summary of the research presented by all the speakers (about 2x4 = 8 pages), and prepare a research proposal (of five to ten pages) on a related topic.

The lecture series consists of five speakers. Each of them will, generally, stay for one or two weeks, and give three to six hours of presentation. **Pol Antras** (Harvard University) and **Jaume Ventura** (Universitat Pompeu Fabra) visited in the Fall Quarter.

**Steve Redding** of the London School of Economics will be here for the week of April 2. **Shang-Jin Wei** of the International Monetary Fund will be here for the week of May 14. **Gianmarco Ottaviano** of the University of Bologna will be here for the week of May 21. Their talks will be given from 2-3:30 on Tuesdays and Thursdays in AAH 3204.

In addition to students registered for Economics 499, faculty and auditing students are welcome to attend the lecture series.

**MECS 449-2**

Competitive Strategy  
Professor Dana  
TTh 3-5 LEV 619

This is the second in a two-course sequence in competitive strategy and industrial organization (however the first course in the sequence is not a prerequisite). While the course will introduce students to the field of competitive strategy, particularly the origins and sustainability of differences between firms, the emphasis will be on related topics in industrial organization and the economics of organizations.

Topics in the first half of the course will include entry and exit, research and development, network externalities and standardization, and vertical contracts. The second half will cover models of organizations, relational contracts, incentives, and job design. And the last week or two of the course will cover pricing under demand uncertainty, inventory and capacity management, and organizational responses to uncertainty.

Evaluation will be by several problem sets and a research paper.

**MECS 460-3**

Foundations of Management Economics  
Professor Kuzmics  
W 9-12 LEV 586

This course is complementary to Economics 410-3 with a small amount of overlap. Topics include: rationalizability and localized versions of it, such as CURB sets and persistent retracts; Nash equilibrium and its refinements, including trembling-hand perfection, properness, and (Kohlberg-Mertens) strategic stability; games with communication / cheap talk; learning in games; evolutionary game theory (including evolutionary stable strategy), replicator and other dynamics. The main theme of the course is trying to provide answers to the following vague questions: "What do we really expect to happen in a game, and under what circumstances?"

Evaluation is by several problem sets and a final exam. The primary textbooks used are *Game Theory* (1991) by Fudenberg and Tirole (chapters 1-3, 6, 8 & 11) and *Evolutionary Game Theory* (1995) by Jörgen Weibull (chapters 1-5).

**MECS 462**

Decision Theory  
Professor Klibanoff  
M 3-6 LEV 586

This is a course on decision theory and will focus mainly on axiomatic theories of individual decision making under risk and uncertainty. First the course will briefly explore utility theory under certainty and the notion of preferences and their representation. This will be followed by a detailed study of the classic theories of decision under risk and uncertainty. This will take roughly half the course and constitutes a basic grounding in the subject. From here the course will explore a selection of topics that expand on the classical work in various directions and are nearer to the current research frontier. The

topics covered will vary depending on time and the interests of members of the class.

The course will be part lectures, part prepared presentations by students, and discussion by everyone. Evaluation will be by problem sets and an in-class presentation. The required text is *Notes on the Theory of Choice* by David Kreps (Westview Press) and a number of selected papers and working papers.

**MECS 463**

Stochastic Calculus and Control with Applications  
 Professor Lin  
 TTh 4:30-6 LEV 586

This course is designed to offer students without a measure-theoretic probability background an introduction to the major elements of the theory of stochastic calculus and control. Topics include: Markov chains, Martingales, stochastic differential equations, Ito calculus, optimal stopping and stochastic control. It will deal with both discrete time and continuous time settings.

This course should be useful to students wanting to obtain an overview of the main elements of the theory of stochastic calculus and control that have turned out to be useful in mathematical finance, queueing theory, and various other application contexts.

Students should be comfortable with analysis on a real line, and be familiar with basic Markov chain theory. Evaluation will be by several problem sets, a final exam, and presentation of research papers.

**MECS 485**

Empirical Issues in Business Strategy  
 Professor Greenstein  
 Th 12-3 LEV 619

*E-mail the professor if you have a time conflict.* The course will analyze the use of basic empirical economic methods to study how firms make decisions and interact in markets. The course exposes students to empirical work covering a variety of topics. The emphasis is on

critically reading papers that use mainstream econometrics to address interesting research questions. This should help prepare students understand the majority of empirical research in business economics and in strategic analysis.

Students will be expected to read required papers and contribute to the discussions. Students should read papers ahead of time and come prepared for discussion. In addition, each registered student must choose two papers from the list of "optional" papers for presentation in class. These presentations will last half an hour. Students will also be required to write a short (approximately 15 pages) paper describing an empirical topic. The paper should review the state of the literature and discuss how contributions might be made to this literature.

**MECS 516**

Topics in Formal Political Theory  
 Professor Callander  
 W 12-3 LEV 586

The seminar will examine formal models of political economy, focusing on models of voting and elections. Established results will be covered in the first half of the course covering environments including but not limited to: voting with incomplete information, electoral competition, and legislative bargaining. The second half of the class will study recent work in various areas of political theory. Teaching is by lecture and student presentations of papers. Assessment is by class participation and a research paper.

**Finance 486**

Seminar in Corporate Finance  
 Professor Fishman  
 TTh 1:30-3:30 AAH 4214

The general topics include corporate financing and investment decisions; optimal security design; financial intermediation; and law and finance. In the context of these topics, the course will examine the implications of incentive problems, asymmetric information, taxes,

and product market competition. The course requirements will include problem sets, referee reports, and a final exam.

**Finance 520-0**

Seminar in Finance  
 Professors Rebelo and Krishnamurthy  
 MTh 1-4 AAH 430

*First meeting April 2 at 1pm in AAH 4214.* The first half of the course provides a selective discussion of tools, models, and empirical issues in international finance. Topics covered include the causes of real exchange rate fluctuations, the forward premium puzzle, the dynamics of the current account, and models of speculative attacks.

The second half of the course provides a selective survey of research in general equilibrium models of asset pricing. Topics include the consumption based asset pricing model (and its failures), as well as recent work with alternative utility specifications and market frictions.

**Finance 520-1**

Seminar in Finance: Basic Time Series Analysis  
 Professor Christiano  
 MW 1-3 Room TBA

This course will introduce the basic tools of applied time series analysis, as used in finance and economics. Topics will include:

- The Wold and Spectral Decomposition theorems, stationarity, unit roots, ARIMA models, lag operators, the use of filters to extract business cycle and other time series components, volatility (ARCH/GARCH) models, cointegration models, the Kalman filter, and vector autoregressions (VARs).
- Classical and Bayesian methods for selecting time series model parameters and for assessing fit. This will include various (i.e., bootstrap and other) methods for determining cointegration rank, and for computing confidence intervals.
- Forecasting economic data with time series models. The need for parameter parsimony in forecasting will be examined.

The course will consider various ways of achieving parsimony with *a priori* restrictions (including those motivated by economic theory).

- The use of VARs for identifying the dynamic response of the economy to shocks. For this, it will be necessary to confront basic time series identification problems and to understand the mapping between VARs and modern dynamic economics.

There will be a heavy emphasis on applications. There will be weekly homeworks, a midterm and a final. The textbook is *Time Series Analysis* by James Hamilton (Princeton U.P., 1994).

### Finance 530

Experimental Economics  
Professor Reuben

M 11-12:30 (lecture)      Rooms TBA  
F 5-6:30 (lab)

This course is an introduction to experimental economics, its methods, and some of the recent applications. Each week will study a different subject and illustrate the different experimental techniques employed. Students will be able to participate in a series of experiments and will acquire hands on experience designing and running an experiment in their area of interest. The course is designed to be multidisciplinary and will cover topics in political science, economics, and psychology. It will concentrate on how experiments build on one another and allow researchers to narrow the range of potential explanations. As part of the course, you will learn how to program in zTree, a software program designed for running laboratory experiments. By the end of the course students will be capable of carrying out a complex experiment.

Evaluation will be by 3 homework assignments which consist of preparing simple experiments to be run in class. In addition, students can choose between writing two critical reports concerning two or more of the papers in the syllabus, or submit a design for an experiment they would like to run.

### Math 495

Statistical Phenomena in the Theory of Networks

Professors Wilkinson and Pierrehumbert  
MWF 2-3      LNT 101

Networks are used to model a wide variety of social and natural phenomena. The availability of large-scale data sets of real-world networks, such as internet communications, has triggered an avalanche of both basic research and applications. This interdisciplinary course will combine graph theory and probability theory to develop a rigorous foundation for the study of network-related problems.

The mathematical component of the course will include weekly lectures in the theory of Markov chains and the dynamical systems theory of subshifts of finite type. Specific topics covered will include entropy, information and Perron-Frobenius theory. The focus will be on statistical properties of networks, and in particular, stochastic processes connected with the theory of networks.

In addition to learning an area of pure mathematics, students will apply this knowledge to address the question: how does information flow create and structure social networks? Students will take part in a research project in this area.

The course is open graduate students in any department, who have a serious background in both linear algebra and at least one of the following: real analysis, probability theory, or network theory.

### *Economics 501 Seminar*

The seminar will meet on Tuesdays and Thursdays during the Spring Quarter at 6pm in the Seminar Room (Andersen 3245). There will be one presentation and the seminar will last for fifty minutes including the question-and-answer period. Full practical details for the seminar are posted on our web site.

The schedule for the Spring Quarter was distributed last fall. Pareto-improving exchanges are permissible, but should be coordinated with Professor Pavan.

Second year students may wish to attend some of the spring seminars in order to get

some idea of expectations for field papers.

### *2007-08 Quarter Dates*

Fall: **Tues** Sept 25 - Fri Dec 14

Winter: Mon Jan 7 - Fri March 21

Spring: Mon March 31 - Fri June 13

## Formal Announcements

### *Funding Guidelines*

The Department has formal rules for the allocation of funding for students in years two through five. This document is posted on our web site. Please read this document as *the Department strictly enforces these funding criteria.*

The cut off date for meeting the requirements for funding is July 31. In summary, funding requirements are:

**Second Year:** Passed two or more prelims at the June sitting and have passed the TSE test. (Details on rules for those who pass zero or one prelim in June are posted on the web site.)

**Third Year:** Completed all prelims, and submitted an approved field paper.

**Fourth Year:** Admitted to doctoral candidacy (includes completing course work and two field papers)

**Fifth Year:** Conditional funding if committee chair certifies that you will be on the job market.

### *Preliminary Examinations*

The Department has rules on the number of times that students are allowed to take prelim examinations, and the conditions for such retaking. These affect whether some second and third year students will be allowed to continue in the program. The rules are posted on our web site. Please make sure that you are familiar with them.

**One important implication is that each time the examinations are offered counts as an "attempt" irrespective of whether you attend. All first year students should make sure they are available to attend the September**

**sitting, should that be necessary.**

Dates for future prelim examinations have been set. The ordering of the three examinations will rotate each year. For the coming summer, the dates are:

**Spring 2007 Sitting**

Wed June 13     Microeconomics  
 Wed June 20     Macroeconomics  
 Wed June 27     Econometrics  
 All examinations will be held 1PM - 4PM.

**Fall 2007 Sitting**

Tues Sept 4     Microeconomics  
 Wed Sept 5     Macroeconomics  
 Thur Sept 6     Econometrics  
 All examinations will be held 1PM - 4PM.  
 Note: examinations are *after* Labor Day.

**Admission to Doctoral Candidacy**

The Department has clarified the procedures for admission to doctoral candidacy. Full details are on our web page in the section on goals for second and third year students. In summary, candidacy is a two-step process. The candidate initiates the process by completing the Graduate School form *Recommendation for Ph.D. Qualifying Examination Committee*. This form lists the proposed date for the qualifying exam and the recommended committee. The form is countersigned by the Department Chair and submitted to the Graduate School. (The Graduate School will soon be moving to a system whereby you can submit this electronically through CAESAR, but this is not in place yet.)

The Chair's signature verifies that the student has completed his or her course work. To allow the Chair to quickly make this verification, the student will need to supply some straightforward information on preliminary examinations, major and minor fields and the economic history requirement on a simple two-page form obtainable from the Graduate Secretary's office or on-line. This form along with a copy of the student's transcript should accompany the Graduate School's form when it is submitted to the Department for signing.

When the Graduate School receives this

signed form, it generates a personalized three-page form, which is signed by the candidate's committee on the day of the qualifying exam. This latter form authorizes the Graduate School to admit you to Doctoral Candidacy.

**TA Periods in Residence**

Each quarter that you are a TA, you must be in Evanston from the first day of classes until the Monday after examinations end (which is the day that grades are filed). In the past people have left early and arrived back late, in some cases without informing the instructor. The Department will not tolerate this. You must arrange your vacation airline flights so as to be able to fulfill your duties. Failure to do so will be grounds for rescinding your TAship. For the remainder of this year the dates for which you must be in attendance are:

Winter: until Mon March 19  
 Spring: Mon March 26 - Mon June 11

**Attention Next Year's TAs**

If you expect to be a TA next fall you need to be aware of the following arrangements:

**TA Preference Forms** The forms that allow TAs to indicate their preferences for classes will be placed in your mailbox in the main office about September 10. They will also be available on-line for anyone who is away from Evanston. Completed forms have to be returned by September 20. Unfortunately, the allocation can only be announced at 4pm on Monday, September 24 because we do not know enrollment in 201 and 202 until enrollment closes that afternoon. Classes start the following day.

**New TA Training** The University runs a full-day training sessions for new TAs. It will be held on Tuesday, September 18 from 8:30am to 5:30pm, which is during the week before classes start. The Department regards your attendance as mandatory. If you believe that you will be serving as a TA for the first time next year, please arrange your schedules

so that you are available in Evanston on that date.

**Next Holiday Season** All TAs will have to be in Evanston until Monday lunchtime on December 17 to complete grading duties. If you are making holiday travel arrangements, please ensure that you remain in Evanston until this date. In addition you will need to be back in Evanston by Sunday night, January 6 for the start of winter classes.

**Office Allocations**

The Department has space to provide carrel accommodations for 58 graduate students. Typically about 65-70 post-first year students seek accommodations. Therefore, some rationing and sharing is needed. Allocations for next year are based on long-standing priorities:

1. Departmental Lecturers
2. Research Assistants
3. Holders of distinguished dissertation fellowships from NU or elsewhere
4. Teaching Assistants
5. School of Continuing Studies Lecturers

Other advanced graduate students will be accommodated where space permits. This does mean that some incumbents who will not fall into the above categories next year may be evicted.

It is clearly in the interests of those students receiving Research Assistantships or Dissertation Fellowships to inform Professors Savage and Taber. The new space allocations will be announced about Labor Day, and people move in and out between then and the start of classes.

If you are leaving us this summer, please return your keys to the Graduate Secretary when you depart, and leave us a forwarding address.

**Graduate School Deadlines**

**March 30** for submitting the *Application for a Degree* to permit you to participate in the June Commencement ceremony and receive your diploma.

**May 11** for submission of completed dissertation and all supporting materials to the Graduate School to receive a Ph.D. degree in June.

**May 18** for submitting Master's Candidate Certification for students expecting a Master's degree in June.

**October 2** for students to be admitted to candidacy for the start of the fall quarter. Admittance after this date means that you will pay medium rate tuition for both the fall and the subsequent three quarters.

### *Commencement Arrangements*

Commencement will be held on Friday evening June 15 at Ryan Field. Late in April students expecting to graduate in June will receive information regarding ordering academic costume and information about Commencement, including ticket information.

The Graduate School also organizes a "hooding ceremony" at lunchtime on that Friday in Cahn Auditorium, where your PhD supervisor will present you with your degree. If you are expecting to graduate this June, now is the time to ensure that your supervisor is available and willing to attend. If they are unavailable then you should ask for one of your other committee members to substitute.

## Funding Opportunities

### *Funding Web Page*

The web page listing non-departmental sources of funding has been updated. You can connect to it from the page giving information for current graduate students. There is also information on how to obtain funds for research expenses and attending conferences. The maximum one-time research grant is \$1,500, and there is funding for one conference a year that covers up to a maximum of \$400. Full details of the application procedures and links to application forms are on the funding web page.

### *Research Assistantships*

Many faculty members hold research grants that permit advanced graduate

students to be hired as research assistants. The usual process by which these positions are filled is informal contact between graduate students and the faculty member.

The Director of Graduate Studies does not normally act as a clearing-house for these positions. However, he would like to be informed when an appointment is made, as it will help him when allocating departmental support.

### *Summer Jobs*

Summer research assistant positions are often available from individual faculty with research funding. There is no Departmental assignment of these positions. The best way to go about obtaining such a job is to advertise! Prepare a *one-page* resume introducing yourself to faculty, emphasizing the *useful skills* (computer experience, etc.) you have. Distribute these resumes in faculty mailboxes toward the end of Spring Quarter. Be sure to include faculty in the KSM departments of MEDS, Finance, and Management and Strategy in your mailing. Kellogg faculty are often long in research funding and short on students to spend it upon.

## Notes

### *Personal Copy Accounts*

Graduate students can obtain a personal account on our copy machines. You will be billed at the end of each month at 6¢ a copy. To obtain an account please send an e-mail to the Associate Chair <ipsavage@northwestern.edu> with your name and a 5-digit number to be used as your personal access code (the number must not start with a 0).

### *Next Graduate Connection*

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