Northwestern University - Department of Economics

Graduate Connection

News

Ariel Rubinstein

The Department is pleased to welcome Professor **Ariel Rubinstein** of Tel Aviv University and New York University as the recipient of the Erwin Plein Nemmers Prize in Economics. The biannual honor is bestowed on an outstanding economist who has yet to win the Nobel Prize. Professor Rubinstein is widely published in many aspects of economics, especially game theory. He will be in residence from April 18 to May 13, and will be using Andersen 3226 (1-8242). Information on his Nemmers Prize lecture, and an associated two-day conference, can be found in the "Events" section.

Rubinstein is the sixth winner of the prize. Previous winners are Peter Diamond, Thomas Sargent, Robert Aumann, Daniel McFadden, and Edward Prescott.

Other Visitors

The Department has a bumper crop of visitors during the remainder of this academic year. Our existing visitors - **Espen Moen** (who will be moving to room 3235 for the Spring Quarter)**, Joe Hotz, Tsunao Okumura** and **Volker Nocke** remain with us for the Spring Quarter. We have four visitors - **Olivier Jeanne** (of the IMF), **Matthias Doepke** (UCLA), **Marcel Fafchamps** (Oxford) and **Hélène Rey** (Princeton) who are part of our for-credit lecture series on international and development economics. For full details on this series see Economics 499 in the "Teaching" section.

Pete Klenow, a macroeconomist from Stanford will be visiting from March 7 to 11, and **Kenneth Rogoff** from Harvard will be the presenter of our Spring

Department-wide seminars on April 20 and 21.

Placement Report

Robert Gordon, Director of Graduate Placement, reports that our job market candidates have encountered a spotty market, somewhat weaker than the best years in the past. While as usual the top half of the group had 20 or more interviews at the ASSA meetings, the number of ASSA interviews was unusually small for some of the other students. All the students had fly-outs (visits to job locations), anywhere from one to eight in number. Based on faculty evaluations, our group of students this year had unusually strong credentials, and accordingly we are seeing multiple offers to students from top-10 and top-20 economics departments. While most students have not yet had time to digest their offers and decide, four have accepted offers, including two at outstanding departments:

Yuliya Meshcheryakova - Victoria University of Wellington, New Zealand

Marcin Peski - University of Chicago, Economics

Eugene Orlov - Lexecon

Enrichetta Ravina - New York University, Stern 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 by Professor Gordon on April 19 (see in the "Events" section below).

Faculty Hiring

After an unprecedented hiring season last year, it has been much quieter this year. However, the Department is looking to hire two additional members of the lecturer faculty. We are pleased to report that **Martin Zelder** will be joining us in

September from the University of Chicago. He has wide-ranging interests in health economics, law and economics and economics of the family. We have a second offer outstanding at the time of going to press.

Retirements

This summer, two of our most senior faculty members will be retiring. **Leon Moses** has been at NU since 1959. He was the Chair of the Department in the early 1970s, and also served as director of the Transportation Center. He was instrumental in leading several research projects and conferences on transportation that led to regulatory reform. **Marcus Alexis** first came to NU in 1970 and served at Chair of the Department for two terms in the late 1970s and early 1980s. From 1985 to 1990 he was a Dean at the University of Illinois at Chicago. He also served at the Interstate Commerce Commission during the period of rail and trucking deregulation, and as Chairman of the Federal Reserve Bank of Chicago.

Both of them played a substantial part in creating the Department that we know today, and we should be thankful for everything they have done over many decades.

Recent Research Grants

The following faculty have all received recent research grants from National Science Foundation: **Rosa Matzkin, Dale Mortensen, Marciano Siniscalchi,** and **Asher Wolinsky.**

Congratulations

Congratulations to Professor **Luojia Hu** and her husband on the birth of their daughter Ivy on Valentine's Day - February 14.

Back at the end of November, a team of NU economics undergraduates won the "College Fed Challenge," which was held at Federal Reserve Board headquarters in Washington D.C. Winning team members **Aditya Damani, Alexander Leung, Rosa Li, Derek Moeller**, and **Josh Plavner** beat

teams from Rutgers University and Lafayette College. Teams used their research of existing economic, financial and international conditions to prepare a forecast of the economy, to identify potential concerns, and to make recommendations for national monetary policy. The Northwestern team was coached by **Mark Witte**, who was ably assisted by **Martin Eichenbaum** and **Robert Gordon**. The rather imposing trophy sits in our main office.

Computer Lab

During the past quarter, the Department has been considering what to do to respond to the petition concerning the state of the computer lab. Progress on replacing some of the computers is hindered by financial problems because our computing budget is almost entirely devoted to providing toner for the printer (and that is not including the paper costs which come from general departmental funds). For example the computer lab budget for 2003-04 was $8,000. Of this we spent $5,200 on toner (and would have spent even more had not the account run out of money and we had to buy toner from general departmental funds).

It seems likely that the only way forward will be to institute some form of page limitations in the form of a printer control software that will provide each user with a weekly or monthly allowance. We have no intention of making this a money making exercise, we just want to reduce unnecessary printing which results, as economists predict, when the marginal price to the users is zero. The faculty has been made aware of this, and it is likely that traditional course packets may make a reappearance instead of JSTOR reading lists.

At the same time, we do want to push ahead with retiring the oldest machines, and introducing new computers for the most high-end computation. We would like to set up these machines with identical software. We would like your input on what you would ideally like to see on these machines. We have asked **Lyndon Moore** and **Maria Seuanez-Salgado** to act as

collators of your suggestions and to report their findings back to us.

Events

Mandatory Harassment and Discrimination Awareness Training

All Economics Graduate Students attend a **mandatory** session be held on the issues of sexual harassment, harassment in general, and discrimination on the basis of gender, race or other protected status.

The session will be held on Tuesday, March 8 at 5pm (and last for about 30 minutes) in Leverone G40.

All graduate students - male and female - regardless of year are **required** to attend this session. You will be asked to sign against your name on an attendance list.

The session will be lead by Marcia Mahoney, director of the University Sexual Harassment Prevention Office. She will discuss your responsibilities under University policies, as well as your rights, and resources to help you, if you are a victim of discrimination or harassment. She will also answer your questions.

Open Day

The annual Open Day for prospective PhD students will be held on Friday, April 8. Graduate students who would like to assist in welcoming prospective students should contract Professor Wolinsky or Professor Matzkin. The day will culminate in a reception to which all the graduate students and faculty are invited.

We also need some students to contact prospective students in the later part of March and April, and volunteers to assist incoming students over the summer by informally answering their questions as they prepare to move to Evanston.

If you wish to help with any of these activities, please contact Profs. Asher Wolinsky or Rosa Matzkin. We will then provide you with the relevant contact information.

Schwartz Lecture

The annual lecture series organized by the Kellogg School of Management to honor the late Nancy Schwartz will be at 4:30pm on Wednesday, April 13. The location will be advertized closer to the time, but it is usually in a Kellogg classroom. This year's lecturer is our former colleague **John Ledyard** from the California Institute of Technology. His topic will be "Information Markets."

Job Market Orientation

Students who are thinking about going on the market next year should attend an introductory meeting scheduled for 5:15pm on Tuesday, April 19 in Andersen 3245. **Professor Gordon**, 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.

Department Wide Seminar

The next distinguished visitor in our Department-wide seminar series is **Kenneth Rogoff** from Harvard University. He will be visiting and giving two talks on Wednesday, April 20 and Thursday, April 21. Both are scheduled from 3:30 to 5pm. His research interests include global financial systems and the political economy of international macroeconomic policy.

Second & Third Year Orientation

Professor Ferrie, the Director of Graduate Studies, will be holding mandatory meetings for the second and third year students on Tuesday, May 3. 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.

Nemmers Lecture

The Nemmers lecture by Professor Ariel Rubinstein will be at 3:30 on Thursday, May 5. It will be titled "Introduction to Economics of the Jungle: A Comment on How We Teach Economics." The lecture will be held in the Tribune Auditorium at the Allen Center. All faculty, staff and graduate students are invited. Following the lecture, everyone is invited to a reception.

Nemmers Conference

Then on Friday, May 6 (9am - 5:30pm) and Saturday, May 7 (9am - 6pm) a conference will be held at the Allen Center. Ten invited speakers will discuss advances in different aspects of game theory in recent years and the prospects for future research. The speakers include:
Colin Camerer (CalTech)
Faruk Gul (Princeton University)
Matthew Jackson (CalTech)
Michael Kearns (Univ. of Pennsylvania)
George Mailath (Univ .of Pennsylvania)
Eric Maskin (Inst for Advanced Study)
Stephen Morris (Yale University)
Roger Myerson (University of Chicago)
Philip Reny (University of Chicago)
Larry Samuelson (Univ. of Wisconsin)

Faculty and graduate students are invited to attend. In addition, we will be inviting about 30 additional researchers from outside the University to join us. The conference is being coordinated by Professors Jeff Ely and Ricky Vohra.

A brochure detailing both Professor Rubinstein's lecture and the conference will be in mailboxes at the start of the Spring Quarter. The brochure will explain how you can register for the conference. There is no registration fee, but you must register in advance.

Field Course Meeting

An orientation session for students entering their second year will be held on Friday September 16 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 earlier in that 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.

Spring Quarter Start Date

Please note that there is an unusual starting date for the coming Spring Quarter. As Easter Sunday falls on the last day of Spring Break, the first day of the quarter will be Tuesday, March 29, rather than Monday. Because Memorial Day (May 30) also falls in a teaching week, the University has decided that Tuesday, March 29 will be regarded as a "Monday" for teaching purposes, so that MW classes do not suffer two cancellations in the quarter.

This means that in the first week of spring quarter, graduate classes will meet as follows:
MW classes will meet TW (first class March 29)
TTh classes will meet Th only (first class March 31)

If you are acting as a TA, it is unlikely that any discussion sections will be affected, as this is right at the start of the quarter. In particular, any discussion sections scheduled for Th or F will not be affected.

The schedule will return to normal in the second week of classes.

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 Chung
TTh 11-1   AAH 3245

This is a topics class on mechanism design. Topics include: implementation theory, robust mechanism design, subjective reasoning, multi-person unawareness, characterization of common priors, foundation of admissibility, belief filters, impossible possibilities, and invariance of games.

Evaluation will be by class presentation and referee reports.

Economics 414-3
Economics of Information
Professor Pavan
MW 11-1   AAH 3245

This course will examine models of coordination under incomplete information with a special focus on recent contributions in the literature on global games. It will cover both theoretical foundations, as well as prominent and novel applications.

Topics will include: static and dynamic coordination games, regime change, equilibrium selection with strategic complementarities, higher order beliefs, endogenous information structures, beauty contests, social value of information and coordination, and timing games.

The course has a workshop structure that combines regular lectures with discussions based on students' presentations. Evaluation will be based on presentations and a short research paper.

Economics 416-3
Advanced Macroeconomics
Professor Monge
MW 9-11   AAH 3245

This course will cover a variety of applications of dynamic allocation problems. First we will review the main results in the theory of recursive contracts with private information and limited commitment. Then, we will cover key papers in the literature of credible policy and sovereign debt, including models with of crises. In the second part of the class, we will review models of technology innovation and diffusion, with applications to both, the cross-section of firms and the world income distribution.

The evaluation will be based on a midterm examination (30%), a presentation (20%), and a term paper (50%).

Economics 425-2
Theory of Economic Development
Professor Buera
TTh 9-11   AAH 3245

This course will evaluate the quantitative relevance of different theories explaining the observed pattern of economic development across countries and across time. In the first part of the course the focus will be on aggregate data and general equilibrium models. Theories featuring investment distortions, human capital differences, barriers to technology adoption and credit market imperfections will be considered. The rest of the course will review empirical studies of the micro underpinnings of these models. We will evaluate the extent to which credit market imperfection and imperfect insurance are important features of developing economies; review the evidence on the returns of different education policies in these economies; and study the determinants of the adoption of new technologies using micro data.

The course grade will be based on problem sets and a final exam. Readings will be from journal articles and working papers.

Economics 440-3
Economics of the Labor Market
Professor Mortensen
MW 9-11   AAH 3204

The goal of the course is to integrate the theory and empirical literatures on wage and employment determination and to use the result to study the effects of labor market policies on both. The topic coverage includes micro and macro issues. 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 issues are viewed 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 440-1 is not a prerequisite.

Economics 450-3
Industrial Organization and Prices
Professors Porter & Hendel
TTh 1-3   AAH 3245

The course will be divided into two main areas: auctions and contracts. The part on contracts will study different aspects of principal-agent relationships, such as vertical relations between firms, and markets with asymmetric information. The part on auctions will study positive and normative issues. The former includes the analysis of behavior, and the latter optimal design issues. In both parts, emphasis will be on the estimation and testing of game theoretic models, and especially on recent developments in the field. Evaluation will be by several problem sets and a final exam.

Economics 481-3
Econometrics
Professor Matzkin
MW 1-3   AAH 3245

The course deals with semiparametric and nonparametric methods for estimating popular microeconometric models. The

models studied include qualitative response models, tobit models, duration models, simultaneous equations models, and panel data models, as well as the standard regression model. Evaluation is by several problem sets and either a paper or a presentation. Reading List: *Nonparametric Econometrics*, by Pagan and Ullah, and selected papers.

Economics 499
Independent Study
Professor Matsuyama
MW 2-3:30   AAH 3204

The Department is again hosting a lecture series in International Trade and Development Economics. Part of this series was held in the Winter Quarter, and the remainder in the coming 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 four speakers. Each of them will, generally, stay for two weeks, and give six hours of presentation. Marc Melitz (Harvard University) visited in early February. Olivier Jeanne (IMF) will be here for the week of March 7. He will talk on MW 11-12:30 in AAH 3245. This is the same room and time slot as Professor Matsuyama's scheduled Econ 425-1. His class will be canceled on the days of the presentations and makeup classes will be scheduled.

In the Spring Quarter, Matthias Doepke of the University of California at Los Angeles will be here for the weeks of March 29 and April 4; and Marcel Fafchamps of Oxford University for the weeks of April 11 and 18. Seminars will be on MW 2-3:30 in AAH 3204 (note that

in the first week of the Spring Quarter, lectures will be on the Tuesday and the Wednesday). In addition Hélène Rey of Princeton University will be here the week of April 25, but will not give any lectures as she gave four lectures in one week last year.

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
MW 3:15-4:30   LEV 619

This is the second part in a two-course sequence on strategy and organization, though this year we have actually offered three courses in the area. You may take this course without having taken 449-1 or Professor Matouchek's (471) course. However, you should have some prior course work in industrial organization.

The course will cover topics in the applied theoretical industrial organization that are particularly relevant to students interested in research applications to business strategy. It is designed to complement the industrial organization sequence in the economics department. Broadly speaking, the course will study the bases of competitive advantage in a market; the conditions that lead to sustainable competitive advantage and the persistence of profitability; the sources of heterogeneity among firms; innovation and the development of new sources of advantage over time; and the analysis of strategic commitment. The course will also cover reputation, dynamic pricing, pricing under demand uncertainty, inventories, and organizational responses to uncertainty.

MECS 460-3
Foundations of Management Economics
Professor Sandroni
W 6-9pm   LEV 561

The course will cover similar topics as those in chapters are 7, 8, 9, 12, and 13 of

Mas-Colell, Whinston, and Green, *Microeconomic Theory* (Oxford University Press, 1995). These are basic elements of noncooperative games, simultaneous-move games, dynamic games, market power, and adverse selection. However, the emphasis of the course is not on following the book, but rather on material that complements the ideas found in the book.

MECS 462
Decision Theory
Professor Klibanoff
Th 3-6   LEV 561

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. Then we will study in detail the classic theories of decision under risk and uncertainty: von Neumann and Morgenstern, Anscombe and Aumann, and Savage. This will take roughly half the course and constitutes a basic grounding in the subject. From here we will explore a selection of topics that expand on the classical work in various directions and are nearer to the current research frontier. These topics may include: (1) Ellsberg's paradox, models of ambiguity and uncertainty attitude; (2) dynamics -- preferences over time, dynamic consistency, updating, time and risk; (3) probabilistic sophistication; (4) finite-state models; (5) models of unforseen contingencies/preference for/against flexibility; (6) incomplete preferences; (7) Prospect theory. Which of these or other topics we cover may 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 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 466
Social Choice and Voting Models
Professor Austen-Smith
M 2-5   LEV 561

Although applications are considered where appropriate, this course focuses on the general theory of collective decision-making and strategic political behavior. The first quarter or so of the course surveys the main results from the general (cooperative game-theoretic) theory of preference aggregation and social choice. The remainder of the course considers (noncooperative game-theoretic) theories of committee voting, agenda-selection, legislative bargaining and parties. Most, but not all, of the material for the course is covered in David Austen-Smith & Jeffrey S. Banks, *Positive Political Theory I: Collective Preference* (UM Press, 1999) and *Positive Political Theory II: Strategy and Structure* (UM Press, 2005).

Teaching is by lecture and student presentations of particular papers from the literature. Assessment is by class participation and a research paper.

MECS 485
Empirical Issues in Business Strategy
Professor Greenstein
Th 1-4   LEV 619

This course analyzes 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 PhD students to 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.

Finance 520
Seminar in Finance: Aggregate Implications of Financial Contracting
Professors Krishnamurthy and Rampini
W 3:15-5 Th 10:15-12   AAH 430

The course studies the equilibrium implications of endogenous financial contracts. Static and dynamic models of economies with contracting frictions (e.g., imperfect information and limited enforceability) and optimally determined financial contracts are covered and the implications for both quantities and prices are considered. The course is thus at the intersection of corporate finance/contract theory and asset pricing/macroeconomics. Specific topics covered include the dynamics of agency costs, financial intermediation, liquidity, capital reallocation, collateral, default, and non-exclusive contracts.

Prerequisites are a familiarity with either corporate finance and asset pricing or contract theory / information economics and Macroeconomics. Evaluation will be by several problem sets/referee reports and a final exam. The recommended text is Ljungqvist and Sargent (2004), *Recursive Macroeconomic Theory* (Second Edition, MIT Press) plus selected readings.

Economics 501 Seminar

The seminar will meet on Monday and Wednesdays during the Spring Quarter at 5:15pm 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.

2005-06 Quarter Dates

Fall: **Tues** Sept 20 - Fri Dec 9
Winter: **Tues** Jan 3 - Fri March 17

Spring: Mon March 27 - Fri June 9
Note that fall quarter will now start on Tuesdays, a day earlier than has been the custom in recent years.

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 2005 Sitting
Wed June 15   Macroeconomics
Wed June 22   Econometrics
Wed June 29   Microeconomics
All examinations will be held 1PM - 4PM.

Fall 2005 Sitting
Wed Aug 31   Macroeconomics
Thur Sept 1   Econometrics
Fri Sept 2   Microeconomics
All examinations will be held 1PM - 4PM.
Note: examinations are *before* 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 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 21
Spring: Tues March 29 - Mon June 13

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 toward the end of the week of September 5. They will also be available on-line for anyone who is away from Evanston. Completed forms have to be returned by September 16. Unfortunately, the allocation can only be announced at 4pm on Monday, September 19 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 two half-day training sessions for new TAs. The exact date for this has not been set, but based on past experience it will most likely be held on two afternoons between Tuesday and Thursday, September 13-15, 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.

International TA Program The University has an excellent program to assist TAs from foreign countries become acclimatized. In a change to the program, this will now occur during the second year when you are starting to undertake TA duties. The program matches you with NU undergraduates for weekly sessions during the next academic year focusing on improving presentational skills and understanding the culture of North American undergraduates. All new TAs who did not attend a US or Canadian institution for their entire undergraduate degree are required to participate.

Next Holiday Season All TAs will have to be in Evanston until Monday lunchtime on December 12 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 Monday night, January 2 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 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 Ferrie. 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

April 4 for filing the *Application for Admission to Candidacy* at the Graduate School to receive a Master's Degree in June.

April 4 for submitting the *Application for a Degree* to permit you to participate in the June Commencement ceremony and receive your diploma.

May 13 for submission of completed dissertation and all supporting materials to the Graduate School to receive a Ph.D. degree in June.

May 20 for students expecting a Master's degree in June to turn in a *Final Examination Report* and any *Change of Grade* forms for 499 Projects or 590 Research.

September 27 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 17 at Ryan Field (a.k.a. Dyche Stadium). Late in April students expecting to graduate in June will receive information regarding ordering academic costume from the E.R. Moore Company 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 w   i   t   h 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 5¢ a copy. To obtain an account please send an e-mail to the Assistant 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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