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# Graduate Connection

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Vol. 7 No. 2  
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## Happy Holidays!

The faculty and staff extend their best wishes for a happy holiday season. The University will be officially closed on Monday December 24th, Tuesday 25th, Monday 31st and Tuesday January 1st. The winter quarter commences on Monday January 7th.

## From the Department Chair . . .

### *Incomplete grades*

Some years ago the Department implemented the E01/501 seminar to provide a forum for presenting major field papers. Consequently, faculty were expected to limit field course assignments to those which are expected to be completed during the quarter the course is offered. In addition to the usual examinations, homework assignments and "referee reports," it was felt to be especially useful if faculty required students to prepare an "outline" or "prospectus" for a paper.

One objective of this change was to avoid the needless accumulation of incomplete grades that frequently cause students to be reprimanded by the Graduate School.

Last year, the faculty reaffirmed these arrangements with the following exceptions. First the History requirement (Econ 420) could still assign an incomplete grade for 12 months to permit completion of a history paper which is outside of the Economics 501 seminar. Secondly, econometrics courses could assign an incomplete only until the end of the vacation period following the quarter the class is in.

Otherwise, incomplete grades can only be given to any student with the permission of the Director of Graduate Studies.

Students who think that this policy is being violated, should share their concerns with the Director of Graduate Studies.

### *Distinguished Teaching Assistants*

At the start-of-year buffet on October 5, I was pleased to award the Distinguished Teaching Assistant Awards for 2000-01. The winners of a certificate and a year's subscription to *Econometrica* were **Levon Barseghyan**, **Nicholas Kreisle** (both re-awards), **Ran Abramitzky**, **Adeline Delavande**, **Ricardo DiCecio**, **Nir Jaimovich**, **Lyndon Moore** and **Jeffrey Prince**. Congratulations to the winners, and I hope this acts as a motivation for all of our TAs to provide excellent instruction. These awards have been listed prominently on the vita of our students on the job market, and act as a strong signal to potential employers of your teaching capabilities. This is especially true for students from countries where English is not the first language.

### *Robert Eisner Memorial Fellowship*

Also at the start of year buffet, I was very pleased to present to **Levon Barseghyan** a fellowship in honor of our late colleague Robert Eisner. This fellowship is awarded annually to a graduate student who has distinguished him- or herself in *both* teaching and research.

### *Prelims and funding policy*

The Department has had a consistent written policy on qualifying examinations ("prelims"), and funding guidelines for a number of years. The text of these policies is available on our web page. The Director of Graduate Studies highlights some of the important features of our policy in his

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Department of Economics/NU

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section of this newsletter. In addition, a one-page summary of these rules in tabular form is included as the final page of this newsletter. I urge all students to study it closely.

### *TA performance*

I would like to stress again that receiving funding as a Teaching Assistant is a privilege and not a right. We expect all of our TAs to make a good faith effort to do their best. We would like to make it known that exceptionally poor performance or unprofessional conduct may be grounds for your dismissal as a TA. The Department will do this even if you have met the other criteria for funding.

### *Department wide seminar*

I am happy to report that **Debraj Ray**, the well-known development economist from New York University, has agreed to be the spring 2002 department-wide seminar speaker. He will be in the Department and giving seminars on Wednesday, April 10 and Thursday, April 11.

### *TSE test*

I would like to emphasize some comments that the Director of Graduate Studies will be making in his column. If you hope to be a Teaching Assistant next year, you must have passed the Test of Spoken English (TSE) examination and the results must be in the hands of the Department by July 31. Otherwise we cannot award you a TAship. In the past students have gone unfunded because of a failure to pass the TSE, or because they took the examination later in the year. If you have not taken the TSE, it is important that you schedule an examination as soon as possible.

## Teaching Matters . . .

### *Winter quarter dates*

The first day of classes for winter quarter is Monday January 7th. This year, the start of the winter quarter does not overlap with the American Economic Association annual meetings in Atlanta on January 4-6. Therefore we anticipate that there will be few changes in schedules. However, look out for announcements, especially because the current uncertainties combined with winter weather may disrupt travel plans.

On Monday January 21, classes are cancelled from 3PM to 6PM in observance of Dr. Martin Luther King Jr. Day. This should only affect 416-2 which has been rescheduled to MW 2-4, and must end early on that day. Departmental offices will be closed, or have limited staffing during these late afternoon hours. Please join the University-wide observances to celebrate the life and legacy of Dr. King. Details of the special events will be published by the University early in the winter quarter.

### *Schedule changes*

To reduce some time conflicts between macroeconomics and labor economics, Professor Monge's 416-2 has been rescheduled for MW 2-4 in Andersen 3204. This class will end 30 minutes early on days of recruiting seminars, and on Dr. Martin Luther King Jr. Day (see above). Professor Altonji's 440-1 class remains in the MW 9-11 time slot but moves to Andersen 3245.

Professor Horowitz's 481-2 Econometrics class has moved to the early evening. It will meet on Tuesdays from 5:30-7:30PM and Thursdays from 6-7:30PM in Andersen 3245.

### *Economics 411-2*

The second part of the first year Macroeconomics sequence does not appear in the printed version of the course schedule. But it does appear on-line in CAESAR. This has been a problem with other Departments for the Winter Quarter

printed schedule. As shown in the on-line registration system, the details of this class are that the lectures are TTh 11-12:50 with Professor Eichenbaum in Kresge 335, with the discussions section on Fridays from 9-11 in Annenberg G02.

### *Course descriptions - winter 01/02*

#### **Economics 412-2**

Economic Theory and Methods

Professor Chung

MW 11-1

AAH 3245

The central theme of this class is implementation theory at work. The class will be organized around different notions of implementation, including dominant strategy implementation, ex-post implementation, Nash implementation, sub-game perfect implementation, and Bayesian Nash implementation. For each notion we will go through the background theory, and then its applications in designing matching markets, auctions, contracts, voting mechanisms, government policies, etc.

Evaluation will be based on problem sets and a class presentation. There will be selected readings in a packet.

#### **Economics 414-1**

Economics of Information

Professor Wolinsky

TTh 11-1

AAH 3245

The course will survey central topics in the economics of information. The main topics are search, formal descriptions of information and knowledge in single and multiple agent situations, the principal-agent problem with adverse selection, games of incomplete information, implementation/mechanism design and reputation. The course will present both more abstract models and ideas and more applied models dealing with economic problems such as price discrimination, auctions, bargaining and signaling.

**Economics 415-2**

Advanced Microeconomics

Professor Reiter

TTh 9-11

AAH 3204

This is a continuation of Professor Reiter's course from the fall quarter. The course focuses on theory of economic organization. We will discuss two related models of economic organization: decentralized resource allocation mechanisms, and coordination mechanisms. We will study the construction (design) of decentralized allocation mechanisms that realize (implement) a given goal function. The readings for this topic will be parts of a manuscript by Hurwicz and Reiter that formalizes the problem and presents systematic procedures for constructing mechanisms. These methods constitute an algorithmic process for designing decentralized mechanisms with desirable informational properties. We will also read parts of Mount and Reiter *Computational Complexity in Economic Behavior and Organization* (Cambridge U.P., 2001). These readings will focus on a computational approach to organizational structure, via coordination mechanisms. We will also use the model of computation to analyze the tradeoff between communication and computation in an example of a decentralized allocation mechanism discussed in the Hurwicz-Reiter book.

**Economics 416-2**

Advanced Macroeconomics

Professor Monge

MW 2-4

AAH 3204

[*Note new time and location.*] This is the second of two courses in the Advanced Macroeconomics sequence. The class will cover several topics on aggregate dynamics in the presence of contractual frictions and agent heterogeneity. After covering some mathematical and computational background, we will study the basic models of dynamic contracts with private information and imperfect enforcement. We will later select papers

applied to issues of labor markets, credit markets, international capital flows and political economy. The evaluation will be based on a take home exam and a presentation.

**Economics 420-1**

American Economic History

Professor Ferrie

TTh 1-3

AAH 3245

The course examines several topics in the economic history of the United States. The first goal of the course is to make students aware of research on long-term factors in the development of the American economy that are often overlooked in the contemporary focus of other courses—the rise of institutions, the appearance of markets for labor and capital, the growth and health of the population, the development of new technologies, the distribution of income and wealth, and the changing role of the government in the economy. The second goal is to familiarize students with the methods and materials of economic history.

The course will require extensive input from the students, as the latter goal cannot be achieved without considerable hands-on experience. The emphasis is on students' participation in discussions and students' 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 class discussions (30%), four short (6-8 page) papers (30%) and a final paper (40%). There is no textbook for the course, but students with a weak background in U.S. history may wish to consult Jonathan Hughes and Louis P. Cain, *American Economic History* (4th ed., Harper Collins, 1994). A packet of required readings will be available from the Economics Department office. All of the readings are required.

**Economics 440-1**

Economics of the Labor Market

Professor Altonji

MW 9-11

AAH 3245

The course will cover five main topics: (1) labor supply covering static models of labor force participation and hours worked, nonlinear budget constraints, intertemporal labor supply models, jobs as hours/wage packages, and labor supply over the business cycle.

(2) Education and human capital.

(3) Earnings dynamics including the role of general and specific capital and job mobility in wage growth over a career, with particular attention to the controversy over the return to firm seniority, the role of employer learning in wage dynamics, with applications to the study of statistical discrimination and signaling models of education, and the influence of nominal wage rigidity on wage dynamics and the structure of wages.

(4) Trends in the return to education and experience and the distribution of income.

(5) Race and gender differences in the labor market.

Course requirements are: participation in class discussion of assigned readings, one or two 15 minute in class presentations of assigned articles, proposal for a research paper, and an in-class final exam.

**Economics 481-2**

Econometrics

Professor Horowitz

T 5:30-7:30pm

AAH 3245

Th 6-7:30pm

[*Note new time*] This course will deal with bootstrap methods. The bootstrap is a method for estimating the distribution of an estimator or test statistic by resampling one's data or a model estimated from the data. It amounts to treating the data as if they were the population for the purpose of evaluating the distribution of interest. Under conditions that hold in a wide variety of econometric applications, the bootstrap provides approximations to distributions of statistics, coverage probabilities of confidence intervals, and

rejection probabilities of hypothesis tests that are more accurate than the approximations of ordinary asymptotic distribution theory (e.g., asymptotic normal and chi-square approximations). The reductions in the differences between true and nominal coverage or rejection probabilities can be very large. Therefore, the bootstrap greatly improves the reliability of finite-sample inference in econometrics. The bootstrap is a practical technique that is ready for use in applications. This course will explain and illustrate the usefulness and limitations of the bootstrap and why it matters in applied econometrics.

The course will cover the theory of the bootstrap, provide numerical examples of its performance and use in applied research, and explain how it can be applied to time-series data and non-smooth estimators like the least-absolute deviations estimator. There will also be simple instructions on how to implement the bootstrap in applications.

There will be occasional problem sets. Each student will be either write a paper or make a presentation to the class about a topic in the literature. There will be no examinations. The text for the course is my forthcoming chapter in the *Handbook of Econometrics*. It can be downloaded from my web page. There will also be readings assigned from the statistics and econometrics literature on the bootstrap.

#### **Economics 498-1**

Advanced Topics

Professor Olszewski

MW 1-3

AAH 3245

The course offers a review of studies on communication, and information-transmission between economic parties. The emphasis will be on topics in the recent literature, as well as potential themes for future research. Topics include: cheap-talk games; conformism, herding and cascades; common knowledge, common priors and no common-prior modeling; debates; juries; and applications to politics and finance. The prerequisite is a course in game theory. Evaluation will be based on

several problem sets, and a take-home exam. There will be a reading list available from the instructor.

#### **MGR ES 449-2**

Competitive Strategy II

Professor Dana

TTh 3-4:40

LEV 619

This is the second of two courses in a two-course sequence in competitive strategy and industrial organization in the Managerial Economics and Strategy Ph.D. program. The course assumes a background in graduate level microeconomics and 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. Specific topics covered included entry and exit, research and development, network externalities and standardization, product differentiation, strategic impacts of vertical integration/restraints, and strategic impacts of horizontal integration. The last part of the course will cover pricing under demand uncertainty, inventories and capacity management, search, advertising, and organizational responses to uncertainty.

Evaluation is based on two or three problem sets, a presentation, and a "referee report." There will be selected readings, many in a course packet.

#### **MGR ES 460-2**

Foundation Dynamics II

Professor Kamien

Time and Place TBA

No description received.

#### **MGR ES 468-2**

Selected Topics in Economic Theory

Professor Yeltekin

Time and Place TBA

This course is intended to provide students with numerical techniques to solve a variety of problems, including optimal contracts, repeated and dynamic games, competitive equilibria in various markets. Numerical methods will be used to a) compute examples that display a theorem's results concretely, b) generate hypothesis as to what theorems may be true for a given model, c) evaluate the quantitative significance of effects that theory has established to be qualitatively significant, and to d) analyze systematically the equilibrium properties of models that are too complicated for standard qualitative analysis. This course has three main parts:

1. Fundamentals of computation (linear systems, optimization, nonlinear equations, approximation techniques, numerical integration)

2. Numerical methods for functional problems (finite difference methods, projection and perturbation methods and numerical dynamic programming)

3. Applications

The required textbook is Kenneth Judd *Numerical Methods in Economics* (Cambridge, MA. MIT Press, 1998). The computer programming language used in class is MATLAB.

#### **Finance 486**

Seminar in Corporate Finance

Professors Bond

MW 3-5

AAH 4214

An introduction to corporate finance. The course will focus on (1) a firm's choice of financing instruments, and (2) the relation between this decision and the behavior of the firm and/or its managers. The emphasis will be on exposing students to the different contract-theoretic approaches that have been applied to these questions. Evaluation will be based on several problem sets and a final exam.

**Civil Engineering 574**

Seminar in Transportation Systems  
 Professor Koppelman  
 Time and Place TBA

This seminar will cover discrete choice methods with simulation. It will shadow a course taught by Professor Kenneth Train at UC-Berkeley based on his soon-to-be-published textbook. It will meet in both the winter and spring quarters and carry one credit. Students will be responsible for all the readings and pre-viewing Professor Train's videotaped lectures. Each session, different students will be responsible for introducing each days material and all will be expected to participate in the discussions and questions and answer sessions.

The course covers the new generation of discrete choice models and the simulation techniques that have allowed their development. It starts with the traditional models that can be estimated without simulation, namely, logit and nested logit. Then, it turns to the more powerful and flexible models that utilize simulation, including probit and nested logit. Accept-reject, smoothed accept-reject, GHK, and direct simulators of the choice probabilities are developed and compared. Methods for taking draws from densities are explored, including several variance-reduction techniques such as antithetics, systematic sampling, and Halton draws. It will examine traditional maximum likelihood estimation as a step toward simulation-assisted estimation, including maximum simulated likelihood, method of simulated moments, and method of simulated scores. Recent advances in Bayesian procedures are covered, including the use of Markov Chain Monte Carlo methods (Gibbs sampling and the Metropolis-Hastings algorithm.) The course will show how these Bayesian procedures can use useful for complex behavior than is not as amenable to classical methods and how the results of the Bayesian procedures can be interpreted from a classical perspective.

*501 seminar*

The presentation of the first paper by the third year class is nearly complete. Any presentations that are not made this quarter will be scheduled for the start of the winter quarter.

The second 501 papers will be predominantly held in the spring quarter. Listed below is the date allocations for the spring quarter. If any student wants to bring forward the date of their seminar into the winter quarter they should see Professor Panzar.

The seminar will meet on Tuesdays and Wednesdays during the Spring Quarter at 5PM in the Seminar Room (Andersen 3245). There will be one presentation and the seminar will last for one hour including the question-and-answer period.

Week of	Tuesday	Wednesday
4/1		Abramitzky
4/8	Armenter	<del>Dept Wide Seminar</del>
4/15		Azar
4/22		Bodenstein
4/29		Braggion
5/6	Delavande	Jaimovich
5/13	Kumar	Meschery-akova
5/20	Milkov	Prince
5/27	Ravina	Vasconcelos

Remember that for admission to candidacy, students need to make two 501 presentations. *This is a requirement irrespective of whether you wish to have Departmental funding in your fourth year.*

You need two faculty members to read your paper and attend the seminar before "signing off" on the form available from the Graduate Secretary's office. Attendance at all 501 seminars is compulsory for all third year students. Permission for absence should be requested from the organizer. You should also register for 501 all year but register on a P/N basis. Letter grades will not be given.

Second year students should start attending some 501 seminars so that they can appreciate the acceptable standard for field papers.

Full information on our 501 requirement, and practical information, is available on our web page.

*2001-02 quarter dates*

Winter: Mon Jan 7 - Fri March 22  
 Spring: Tues April 2 - Fri June 14

*2002-03 quarter dates*

Fall: Wed Sept 25 - Fri Dec 13  
 Winter: Mon Jan 6 - Fri March 21  
 Spring: Mon March 31 - Sat June 13

**From the Director of Graduate Studies . . .**

*Information on funding opportunities*

I maintain a web page which presents information on funding opportunities for graduate students, other than the TA and RA opportunities within the Department. The web page will be updated regularly and contains links to other web sites and PDF documents that give further information and contain application forms for you to download. The web page can be accessed from the "Information on the Ph.D. program" subpage of the Department's website. I have also highlighted some upcoming deadlines in the Funding section of this newsletter.

*2002 spring prelim dates*

Wed June 19      Macroeconomics  
 Wed June 26      Econometrics  
 Wed July 3        Microeconomics  
 All examinations will be held 1PM - 4PM.

### *2002 fall prelim dates*

Tues Sept 3	Macroeconomics
Wed Sept 4	Econometrics
Fri Sept 6	Microeconomics

All examinations will be held 1PM - 4PM. It is our intention that results will be available so that financial aid decisions can be made prior to the start of the fall quarter.

### *Fall TA training*

It is likely that T.A. training in 2002-03 will take place on Wednesday, September 18. First years who believe that they might be T.A.s, and do not have to retake any prelims, should be back in Evanston by Tuesday evening, September 17. Failure to attend will be regarded as grounds for rescinding financial aid.

### *Prelim policy*

Three years ago the faculty voted to clarify our policy regarding retaking preliminary examinations. The full text of that document is posted on our web page. The implications for first year students can be summarized as follows:

- Exam "attempts" are counted sequentially, irrespective of whether you sit a particular exam.
- Students can retake in September any exam they fail this coming June without needing to petition the faculty.
- Students who fail to pass all three parts of the exam by September will only be permitted to remain in the program if (a) they have passed two exams, or (b) achieved "good grades," defined as no grade of B- or lower in any of the core sequences.

### *First year foreign students*

Foreign students from non English-speaking countries should have either taken the Test of Spoken English once by now, or have registered for a definite date. Take the TSE early and often! It's the only

way the Graduate School will allow the Department to award you a Teaching Assistantship. Among the current second years students, failure to pass the TSE resulted in two students having to find other forms of support. Do not let this happen to you. To be assured of funding, presuming that you have met the other requirements, you should have passed the TSE by July 31.

### *Funding guidelines*

Some years ago, we brought together in one document the Department's existing rules for funding continuing graduate students with TAships. This document is posted on the Department's web page. I urge you all to read it and become familiar with our policies. A summarization of these guidelines along with our continuation rules based on prelim exams is included as the last page of this newsletter.

### *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 they are working for. 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 2001-02 the dates for which you must be in attendance are:

Fall: Until Mon Dec 17

Winter: Mon Jan 7 - Mon March 25

Spring: Tues April 2 - Mon June 17

## **From the Graduate Secretary's Office . . .**

### *Financial aid forms*

Renewal FAFSA forms should be arriving by mail sometime in December to those of you who have previously filed these financial aid forms. If you have moved, the post office will not forward it; you will have to obtain and complete a new form. You will be able to pick up a FAFSA form from the Financial Aid office at the Graduate School after January 17th. The best thing to do is wait until after you have filed your income tax returns for 2001 before filling out these forms.

### *Income tax issues*

All first-year students who have a University Fellowship will need to report their earnings on their income tax returns - minus the cost of books, supplies and Northwestern University Health Insurance premiums. Second year students who were on a fellowship for the 2000-01 year need to report their earnings from January through May of 2001 - less books and supplies.

The University does not issue W2 forms for those students on fellowships, you are required to report these funds on your own. International students may have had deductions taken out and will receive special tax forms from the university.

### *Important dates*

**December 28** is the deadline for submitting signed Admission to Doctoral Candidacy Forms to the Office of The Graduate School so that you are admitted prior to the Winter Quarter. However, students who have completed residency and are registered for 598 at the beginning of Winter Quarter may submit completed Ph.D. candidacy forms to the Graduate School by January 11 for admission to candidacy and change of registration to 599.

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**January 11** the admission to candidacy for the master's degree in Winter Quarter is due in the Office of The Graduate School.

**April 8** is the last day to file with the Graduate School for "Admission to Candidacy." This is for students who expect to receive the master's degree in June. This is also the last day to return the "Application for a Degree" for all candidates who expect their degrees to be awarded in June.

**May 10** is the deadline for submission of completed dissertation and all supporting materials to the Graduate School. This deadline is for students who expect to receive the Ph.D. degree in June.

**May 17** is the last day for receipt of "Final Examination Report" and any "Change of Grade" forms for 499 Projects or 590 Research. This pertains to students who expect a master's degree to be awarded in June.

If you have any questions about any of this information please stop by the graduate office.

## Funding . . .

### *Transportation dissertation awards*

The Transportation Center offers a stipend plus 503 tuition award to eligible students who are in the final twelve months of their thesis research. Research in the area of transportation, broadly defined, and public utilities is eligible. Applications, including letters of support from your faculty advisor, are due with Diana Marek at the Transportation Center by March 31. For further details talk to Ian Savage.

### *NU dissertation year fellowships*

The Department expects to nominate four students for the Graduate School's Dissertation Year Fellowship (DYF) competition. This is an internal NU process involving departments and programs in the humanities and social sciences. Twenty fellowships are

available. Last year we were able to win two of these. To apply you need to:

- Prepare a brief (<1500 word) description of your dissertation, your progress to date, and timetable to completion.
- Obtain two NU faculty references.

Completed nominations should be given to Joseph P. Ferrie by Friday January 18. Application forms and further information are available on our new funding web page. The selection committee places a high premium on projects which are (or can be made to seem) intelligible to the layperson.

In general the Department will not consider applicants who have not been admitted to doctoral candidacy, unless their advisors guarantee that the thesis will be completed by September 2003.

### *NU alumnae dissertation fellowships*

This award offers a year of stipend and tuition to women who will be registered for 503 in 2002/03. Special preference will be given to those who have had to interrupt their academic careers. Information is given on the new funding web page, along with an application. Note that the deadline is January 11. Applications are made directly to the Graduate School.

### *SSRC fellowships*

There is a February 1st deadline for second and third years students to apply for SSRC's pre-dissertation fellowships for 2002-03. In addition there is a March 1st deadline for first year students to apply for fellowships to attend the 2002 SSRC summer workshop in applied economics. Again details are on the funding web page.

### *Graduate School funding for research-related expenses*

Graduate Research Grants are provided by the Graduate School to support research activities, including acquisition of data and travel. The maximum one-time grant is \$1,500. Applications must be made to the

Director of Graduate Studies on October 7, January 8, and April 9 each year, and not submitted directly to the Graduate School. Awards will be announced six weeks after receipt of applications.

### *Funding for research related travel*

Students frequently find it necessary to undertake travel related to their research, to gather data or to present their work at conferences. Northwestern has several resources available to assist students who must finance such trips.

The first step students should take after learning that they need to finance a trip is to contact their dissertation advisor. The purpose of this contact is two-fold: (1) advisors often have discretionary funds at their disposal that can be used to underwrite some of the costs associated with student travel, and this possibility should be explored before proceeding further in search of funds; and (2) subsequent steps in the process of acquiring funds require the endorsement of the student's advisor.

If a student in need of funds for travel has not yet acquired a dissertation advisor, the very first step in acquiring such funds should be acquiring a dissertation advisor.

If the advisor's resources are insufficient to defray the full cost of the trip, the student should apply for a Graduate Research Grant from the Graduate School (see above).

In cases where the combined resources of the advisor and the Graduate Research Grant are insufficient, the Department may provide additional resources, with the following restrictions: (1) departmental funds can be used only for domestic travel; (2) the student must have entered candidacy by the time the application to the department is made; and (3) the student must have applied for funds from his/her advisor and applied for a Graduate Research Grant.

### *Teaching in the evening program 2002-03*

Appointment of lecturers for the School of Continuing Studies (formerly University College) 2002-03 will be made in January. Lecturers will be teaching two courses in the evening program. Next year the evening program will be switching from a semester system to a quarter system, with similar dates as the regular day courses. Courses are taught on both the Evanston and Chicago campuses. Students who are selected to teach for SCS will ordinarily be given the opportunity to teach one course in the WCAS day school.

Five appointments will be made. Each student teaches one course for each of two quarters. You can teach 201, 202, 281, 310-1, 311 or the 300 level of your choice. The financial reward for two SCS courses plus a WCAS day course is about \$12,000. There is no tuition waiver, so these positions will appeal to students on 503 tuition.

Appointments to these positions are made by the associate dean of SCS and not by the department. Applications forms will be circulated to all students in the third year and above in mid-January. After reviewing the forms and checking your CTEC records as a teaching assistant, he will invite a short list of candidates to attend an interview. The decision will be solely based on teaching ability, and not on financial necessity. Completion of all prelims is required. Priority will be given to those students who are making good progress in their degree, as defined by the Department's Funding Criteria for Continuing Graduate Students.

## **Notes . . .**

### *11 digit dialing in 847 area*

The 847 area code has apparently run out of numbers. From early January a new 224 area code will overlay the 847 area code. New numbers will be assigned to 224. This means that 11 digit dialing will be necessary from one 847 number to

another. To call an 847 number from a University phone starting after the first of the year dial 9-1-847+7 digit number.

### *Computer lab etiquette*

Some quick reminders about computer lab etiquette. First, you should not bring any food or drink into the lab. Second, with the advent of the new ventilation system there is no need to keep the door propped open. Keep up the good habit of making sure that the door is kept closed. This will keep out marauding MBA students, and more importantly will deter computer theft which is a routine occurrence on this campus.

### *Next Graduate Connection*

Volume 7, number 3 will be published in the week of March 11.



**NORTHWESTERN UNIVERSITY  
DEPARTMENT OF ECONOMICS**

**SUMMARY OF CONTINUATION AND FUNDING RULES**

*These Departmental rules are in addition to general Graduate School requirements on good academic standing and the need to maintain a B average. In addition Teaching Assistantships require students to have scored at least 50 on the Test of Spoken English (TSE) by July 31.*

ENTRY INTO	CONTINUATION	FUNDING
SECOND YEAR	Passed two prelims by September sitting <i>or</i> received “good grades” (no B- or lower) in first year classes core classes in Economics.	<p>Full year TAships will be awarded in August to those passing two or more prelims at the June sitting.</p> <p>Students passing zero or one prelims in June but have “good grades” will receive a TAship for the Fall Quarter. This will be extended to Winter and Spring if a total of two or more prelims are passed by the September sitting.</p> <p><i>Students who pass zero or one prelims but do not have “good grades” have to wait until September to learn about funding. If they pass a total of two or more prelims in September, funding will only be available if there are any funds remaining.</i></p>
THIRD YEAR	Passed all prelims by September sitting (note students can only take the September sitting if they have completed 2 prelims by the June sitting <i>and</i> written one field paper).	<p>Passing of all prelims by the June sitting and certification of one field paper by July 31</p> <p><i>Students who only complete their prelims at the September sitting, will only be funded if there are any funds remaining.</i></p>
FOURTH YEAR		Doctoral Candidacy by July 31 (requires completion of all course work and field papers)
FIFTH YEAR	Doctoral Candidacy (Graduate School rule)	Certification by Committee Chair by July 31 that the students intends to be on the job market will secure fall funding. This will be extended to the winter and spring (assuming there are funds remaining) if the student does <i>in fact</i> enter the job market.
6+ YEARS		No departmental funding, except as a lecturer, is available.