

Behavioral Economics and Finance – 14.127
Spring 2004
Thursday 4-7, E51-372

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The requirements for the course are about three problem sets and/or referee reports, and a term paper. The term paper will be due on September 15, 2004. Students are expected to propose original insights, theories, experiments or field studies.

Syllabus

*designate required readings.

There are two textbooks:

*Kahneman and Tversky *Choices, values and frames*, by (henceforth CVF), Cambridge University Press, 2000

*Shleifer, Andrei *Inefficient capital markets: An introduction to behavioral finance*, Oxford UP 2000. (ICM)

The following books are also useful:

Colin F. Camerer, George Loewenstein, Matthew Rabin editors, *Advances in Behavioral Economics*, Princeton University Press 2003 (henceforth ABE)

R. Thaler, *Advances in behavioral finance*, Russel Sage Foundation, 1993.

INTRODUCTION

*Rabin, M. “[Economics and Psychology](#)”, JEL, v36 n1, March 1998, p.11-46. URL

*Kahneman, D. “[Maps of Bounded Rationality: Psychology for Behavioral Economics](#),” AER, December 2003, p.1449-1475.

This is Kahneman’s Nobel lecture. See a video of it at:

<http://www.nobel.se/economics/laureates/2002/kahneman-lecture.ram>

Thaler, R. *The Winner’s curse*, Princeton U P, 1992.

Discussion of traditional objections

Akerlof, George A; Yellen, Janet L., “[Can Small Deviations from Rationality Make Significant Differences to Economic Equilibria?](#)” American Economic Review. Vol. 75 (4). p 708-20. September 1985.

*Gabaix, Xavier and David Laibson “[Competition and Consumer Confusion](#)”.

*ICM, Chap. 2

*Thaler, R., “[The Psychology and Economics conference handbook: Comments on Simon, on Einhorn and Hogarth, and on Tversky and Kahneman](#)”, J of Business, v59 n4 part 2, Oct 1986, p. S279 - 284.

MICROECONOMICS

Some psychology of decision-making

*Camerer, C, “Individual decision making”, Kagel, J. and Roth, A. *Handbook of experimental economics*, Princeton UP, 1995, p.587-703.

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Tversky, A. and Kahneman, D. “[The framing of decisions and the psychology of choice](#)”, Science, 211, 1981, p.453-8.

Slovic, Paul "Rational Actors and Rational Fools: Implications of the Affect Heuristic for Behavioral Economics"

Decisions under risk and uncertainty

*Kahneman, D., Tversky, A. “[Prospect theory: An analysis of decision under risk](#)”, Econometrica, v47 n2, March 1979, p.263-91. CVF 2.

*Plott, C. and K. Zeiler (2003) “[The Willingness to Pay/Willingness to Accept Gap, The Endowment Effect, Subject Misconceptions and Experimental Procedures for Eliciting Valuations](#),” Caltech mimeo.

*Rabin, “Diminishing marginal utility cannot explain risk aversion”, CVF 11. You can consult also Matthew Rabin [**Risk Aversion and Expected-Utility Theory: A Calibration Theorem**](#) *Econometrica*, Vol. 68, No. 5., Sep., 2000, pp. 1281-1292.

*Tversky, A. and Kahneman, D. “Advances in Prospect theory: Cumulative representation of uncertainty”, *Journal of risk and uncertainty*, v. 5 (4), 1992 (not available online). CVF 3.

Overconfidence, and manipulation of beliefs

Benabou, R. and Jean Tirole "Self-Confidence and Personal Motivation" *Quarterly Journal of Economics*, August 2002, 117(3), 871-915.

<http://www.princeton.edu/~rbenabou/>

Brunnermeier, M. and J. Parker, Optimal expectations <http://www.princeton.edu/~markus/>

Koszegi, B. U. [**Ego Utility and Information Acquisition**](#) Berkeley mimeo
<http://emlab.berkeley.edu/users/botond/index.html>

Landier, Augustin and David Thesmar [**Contracting with Optimistic Entrepreneurs: Theory and Evidence**](#)

Quattrone and Tversky “Contrasting Rational and Psychological Analyses of Political Choice”
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Rabin, Matthew and Joel Schrag [**“First Impressions Matter: A Model of Confirmatory Bias,”**](#)
Quarterly Journal of Economics 114(1), 37-82, February 1999.

Weinstein “Unrealistic expectations about future life events”. *Journal of Personality and Social Psychology*, 39, 806-820, 1980 (in Dewey, not available online)

Decision utility and experienced utility

Frey, B. and A. Stutzer (2002) “[**What Can Economists Learn from Happiness Research?**](#)”
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*Kahneman, Daniel “Experienced utility and objective happiness: a moment-based approach”.
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Contingent valuation

*Kahneman, D. Ilana Ritov and Savid Schkade, “Economic preferences or attitude expressions? An analysis of dollar responses to public issues”
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Time discounting

Some psychological evidence on time discounting

*Frederick, Shane and G. Loewenstein and T. O’Donoghue, “Time Discounting: A Critical Review”, forth. JEL. <http://sds.hss.cmu.edu/faculty/loewenstein.html>. In ABE.

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Modeling time discounting and self-control

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Applications

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<http://elsa.berkeley.edu/~rabin/wpapers2.html>

Financial literacy and social influence

Choi, James C. Choi, David Laibson, Brigitte C. Madrian, Adnrew Metrick [Active Decisions: A Natural Experiment in Savings](#), August 4, 2003.
<http://post.economics.harvard.edu/faculty/laibson/papers.html>

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*Thaler and Bernatzi "[Save More Tomorrow: Using Behavioral Economics to Increase Employee Saving](#)".
<http://economics.uchicago.edu/download/save-more.pdf>

Other perspectives

John Ameriks, Andrew Caplin and John Leahy, forthcoming *Quarterly Journal of Economics* Wealth Accumulation and the Propensity to Plan. <http://www.econ.nyu.edu/user/caplina/>

Bounded rationality

Some more evidence

*Ariely, D., G. Loewenstein, and D. Prelec (2003) “[Coherent Arbitrariness: Stable Demand Curves without Stable Preferences](#),” *Quarterly Journal of Economics*, 73-105
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*John Ameriks, Andrew Caplin and John Leahy, January 2004, [The Absent-Minded Consumer](#)
<http://www.econ.nyu.edu/user/caplina/>

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*Xavier Gabaix and David Laibson [Competition and Consumer Confusion](#)
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*Xavier Gabaix and David Laibson [Shrouded Attributes and Information Suppression in Competitive Markets](#)

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MACROECONOMICS

Inflation and nominal illusion

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*Shafir, E., Diamond, P., and Tversky, A. ["Money illusion"](#), QJE, v112 n2, May 1997, p.341-74.
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<http://post.economics.harvard.edu/faculty/mankiw/papers.html>

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Price stickiness

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*Fehr, E. and Tyran, J.R., “[Does money illusion matter?](#)”, AER 2001.

Inflation and the equity premium

Modigliani, F. and Cohn, R. “Inflation, rational valuation, and the market”, The Collected Papers of Franco Modigliani, vol.5, MIT Press, 1989, p.304-24.

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Evans, Martin. “Real Rates, Expected Inflation and Inflation Risk Premia”, Journal of Finance, 1997. <http://www.georgetown.edu/evansmd/#Publications>

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*Bernheim, Antonio and Douglas Bernheim “[Addiction and Cue-Conditioned Cognitive Processes](#)”.

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*Benartzi, S. and Thaler, R., “Naive Diversification Strategies in Defined Contribution Savings Plans”. AER 2001.

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Limits to arbitrage

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