

Ernst Fehr

DEPARTMENT OF ECONOMICS

UNIVERSITY OF ZURICH

UBS CENTER FOR ECONOMICS IN SOCIETY

LABORATORY FOR SOCIAL AND NEURAL SYSTEMS RESEARCH

Blümlisalpstr. 10
CH-8006 Zürich

Tel. (41) (44) 634 37 01

Fax (41) (44) 634 49 07

ernst [dot] fehr [at] econ [dot] uzh [dot] ch

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Curriculum Vitae

Personal Information

Name: Ernst Fehr

Address: Private: Scheuchzerstrasse 71, CH - 8006 Zurich, Switzerland
Office: Department of Economics
University of Zurich, Blümlisalpstrasse 10,
CH – 8006 Zurich, Switzerland
Tel. +41 (0)44 634 37 01
ernst [dot] fehr [at] econ [dot] uzh [dot] ch

Date of Birth: June 21, 1956

Place of Birth: Hard (Vorarlberg, Austria)

Marital status, family: Married since 1986, two children

Citizenship: Austrian and Swiss

Education

June 1991 Habilitation in Economics

1988 – 1989 Research Fellow at the London School of Economics and Political Science

1982 – 1988 Assistant Professor at the Dept. of Economics and Economic Policy at the University of Technology in Vienna (Chair: Prof. DDr. H. Frisch).

1980 – 1982 Post Graduate Education in Economics at the Institute for Advanced Studies in Vienna

1980 – 1982 Research Assistant at the Institute for Public Finance and Economic Policy (Chair: Prof. A. van der Bellen).

1980 – 1986 Doctorate in Economics at the University of Vienna

1975 – 1980 University Education in Economics at the University of Vienna (Masters Degree)

1970 – 1975 Business College in Bregenz (Vorarlberg, Austria)

1962 – 1970 Primary and secondary school in Hörbranz (Vorarlberg, Austria)

Professional Career

2012 –	Director of the UBS Center for Economics in Society at the University of Zurich
2011 – 2020	Global Distinguished Professor in Economics at New York University
2010 – 2015	Chairman of the Department of Economics at the University of Zurich
2008	Offer for the Drummond Professorship at the University of Oxford (UK); previous holders of this chair include Francis Edgeworth, Sir John Hicks, Joseph Stiglitz, and Amartya Sen
2005 – 2012	Director of the Priority Research Program on the “Foundations of Human Social Behavior” at the University of Zurich
Dec. 2004	Offer for the Professorship of Political Economy 1863 at the University of Cambridge (UK); previous holders of this chair include Alfred Marshall, Arthur C. Pigou, James Meade and Jim Mirrlees
2004 – 2009	Fellow at the Collegium Helveticum
2003 – 2011	Affiliated Faculty Member of the Department of Economics at MIT
2002 – 2006	External Faculty Member of the Santa Fe Institute
Nov. 2002	Offer to become Global Distinguished Professor in Economics at New York University
Oct. 2002	Offer for a Full Professorship at the University of California at Berkeley
April 2002	Offer for a Full Professorship at Princeton University and the Woodrow Wilson School
1999 – 2010	Director of the Institute for Empirical Research in Economics at the University of Zurich
Jan. 1999	Offer for a Professorship in Economics at the European University Institute in Florence (Italy)
April 1998	Offer for a Full Professorship in Economics at the University of Mannheim (Germany)
Dec. 1997	Offer for a Full Professorship in Economics at the University of Bonn (previously held chair by Reinhard Selten)
1995 – 2003	Core Member of the Research Initiative of the MacArthur Foundation (Chicago) on “Evolution of Preferences and Social Norms”
August 1994	Offer for a Full Professorship in Economic Theory at the Technical Univ. of Darmstadt (Germany)
1994 – present	Chair for Microeconomics and Experimental Economic Research at the Faculty of Economics and Computer Science at the University of Zurich
1993 – 2006	Director of the Ludwig Boltzmann Institute for Research in Economic Growth, Vienna
Dec. 1992	Offer for a Full Professorship in Economic Theory at the Univ. of Linz (Austria)
1991 – 1994	Associate Professor at the Dept. of Economics and Economic Policy at the University of Technology in Vienna

1989 – 1991 Assistant Professor at the Dept. of Economics and Economic Policy at the University of Technology in Vienna

Awards and Distinctions

Major awards:

- 2017 Awarded the ***Oskar-Morgenstern-Medaille***. The society for the promotion of economics at the University of Vienna awards this medal biannually for outstanding performance in the field of economics.
- 2013 Recipient of the ***Gottlieb Duttweiler Prize***. This award, granted at irregular intervals, is accorded to people who have made "outstanding contributions to the well-being of the wider community and to a cultural, social or economic environment in which everyone can realize their potential and play an independent part in its development".
- 2008 Awarded the ***Marcel Benoist Prize***. This prize is the oldest scientific award in Switzerland and represents the Swiss Confederation's highest recognition for outstanding achievements in the sciences and the humanities.
- 2004 Accorded the ***Cogito Prize*** for the deepening of our insights into the origins and economic consequences of human altruism.
- 2000 Recipient of the ***Hicks-Tinbergen Medal*** for the outstanding paper in the European Economic Review during 1998-2000, EEA-Meeting (Bolzano). The prize was awarded for the paper "Gift Exchange and Reciprocity in Competitive Experimental Markets", European Economic Review 42(1998), 1-34, (with G. Kirchsteiger and A. Riedl).
- 1999 Awarded the ***Gossen Prize*** of the German Economic Association [*Verein für Socialpolitik*]. The Gossen Prize is awarded every year to an economist under the age of 45 who has achieved international recognition and reputation.

Honorary degrees:

- 2020 Honorary doctorate in economics from the Vrije Universiteit Amsterdam (Netherlands)
- 2017 Honorary doctorate in economics from the University of Antwerp (Belgium)
- 2016 Honorary doctorate in economics from Karl-Franzens-Universität Graz (Austria)
- 2009 Honorary doctorate in economics from the University of Lugano
- 2009 Honorary doctorate in economics from the University of Lausanne
- 2008 Honorary doctorate in economics from the University of Munich (Germany)
- 2004 Honorary doctorate in economics from the University of St. Gallen

Presidencies of major associations:

2008	European Economic Association
2005	Economic Science Association

Honorary fellowships and memberships:

2017	Foreign Honorary Member of the American Economic Association
2011 (Nov.)	Elected member of the Council of the Econometric Society for the period 2012-2014
2009 (May)	Fellow of the Association for Psychological Science
2009 (May)	Member of the Academia Europaea
2008 (May)	John Kenneth Galbraith Fellow of the American Academy of Political and Social Sciences
2008 (Dec.)	Member of the <i>Berlin-Brandenburgische Akademie der Wissenschaften</i>
2008	Fellow of the Econometric Society
2007 (Oct.)	Honorary Member of the American Academy of Arts and Sciences
2002 (Dec.)	Member of the <i>Deutsche Akademie der Naturforscher Leopoldina</i> [German Academy of Science]

Special distinctions:

- 2014 (May) Awarded the Gutenberg Research Award, an award given annually to distinguished academics who have decisively shaped their fields of research.
- 2014 (Jan.) Presentation of the Sandmo Lecture on Public Policy at the Norwegian School of Economics, Bergen, Norway
- 2013 (Nov.) Named Distinguished CES Fellow for 2013, presenting the Munich Lectures in Economics. These lectures bring a recent topic in economic research topic to a broad audience.
- 2012 (June) Presentation of the Walras-Bowley Lecture at the North American summer meeting of the Econometric Society in Evanston, Illinois, USA
- 2012 (April) Recipient of the *Österreichisches Ehrenzeichen für Wissenschaft und Kunst* [Austrian Cross of Honor for Science and Arts]
- 2012 (Jan.) Presentation of the European Economic Association Lecture at the Annual Meeting of the American Economic Association, Chicago, IL, U.S.A.
- 2011 (Nov.) OLB Foundation Fellowship 2011 at the *Hanse-Wissenschaftskolleg* [Institute for Advanced Study], Delmenhorst, Germany
- 2011 (Nov.) Invited to present the Tanner Lecture on Human Values, Clare Hall, Cambridge
- 2011 (July) Plenary lecture at the World Congress of the International Economic Association, Beijing, China
- 2011 (June) Plenary lecture at the World Congress of the Organization for Human Brain Mapping in Quebec City, Canada
- 2011 (April) Recipient of the Vorarlberger Wissenschaftspreis [Science Prize of the State of Vorarlberg, Austria]
- 2011 (Feb.) Presentation of the Coase Lecture at the London School of Economics
- 2010 (Nov.) Presentation of the Lindahl Lectures at Uppsala University in Uppsala, Sweden
- 2010 (Oct.) Awarded the *Deutsche Fairness-Preis* [German Fairness Prize] by the *Deutsche Fairness-Stiftung*. This prize honors the work of persons from various stations in the economy, society, politics, or culture who actively and credibly promote a fair management and organizational culture.
- 2010 (Oct.) Recipient of the *Ehrenkreuz für Wissenschaft und Kunst der Republik Österreich* [Austrian Cross of Honor for Science and Art (I. Class)]
- 2010 (Sept.) Awarded the Gustav-Stolper-Preis from the *Verein für Socialpolitik*. The association members accord this prize annually in a popular vote to an excellent scientist who has influenced public discussion and provided internationally relevant solutions to important economic problems.
- 2010 (Feb.) Presentation of the 2010 Clarendon Lectures in Economics at the University of Oxford, with the series entitled, "The Social and Biological Foundations of Economic Behavior"
- 2009 (Nov.) Presentation of the Gaston Eyskens 2009 lecture series, "Human Motivation and Economic Outcomes" at the Katholieke Universiteit Leuven, Leuven, Belgium

- 2009 (Sept.) Named a Thomson Reuters Citation Laureate in economics
<http://science.thomsonreuters.com/nobel/>
- 2008 (Sept.) Keynote Lecture at the annual meeting of the *Verein für Socialpolitik* [Society for Social Policy], Graz, Austria
- 2008 (August) Presidential address at the annual congress of the European Economic Association
- 2008 (March) Sargan lecture at the annual meeting of the Royal Economic Society
- 2006 (June) Invited to present the Walter-Adolf-Jöhr Lecture at the University of St. Gallen
- 2006 (June) Invited lecture at the annual meeting of the Federation of European Neuroscience Societies, Vienna
- 2006 (April) Keynote lecture at the annual meeting of the Austrian Psychological Society
- 2006 (August) Keynote lecture at the annual meeting of the European Association in Industrial Economics (EARIE), Amsterdam
- 2006 (January) Special invited lecture at the annual meeting of the American Economic Association on reciprocity, reputation, and market performance.
- 2005 (November) Keynote lecture at the annual meeting of the Southern Economic Association
- 2005 (September) Keynote lecture at the annual meeting of the International Society for New Institutional Economics (ISNIE)
- 2005 (June) Lecture at the Royal Swedish Academy of Sciences in Stockholm on *"The Nature of Human Altruism"*
- 2005 (June) Invited Lecture at the Nobel Symposium on Neuroscience and Emotions, Stockholm
- 2005 (March) Keynote lecture at the annual meeting of the Scottish Economic Association
- 2005 (March) Snyder Lecture at the University of California at Santa Barbara
- 2003 (August) Keynote Lecture at the tenth international conference on social dilemmas, Stockholm
- 2003 (June) Keynote Lecture at the annual meeting of the German Association of Business Administration, Zurich
- 2003 (June) Keynote Lecture at the annual meeting of the Evolution and Human Behavior Society, Omaha, Nebraska
- 2003 (June) Keynote Lecture at the annual meeting of the Society for the Advancement of Socio-Economics, Aix-en-Provence
- 2002 (Dec.) Zeuthen Lectures at the University of Copenhagen
- 2002 (September) Keynote Lecture at the World Congress of the International Economic Association in Lisbon
- 2001 – 2002 Member of the Hicks-Tinbergen Committee to select the best paper in the European Economic Review (together with Philippe Aghion and Guiseppe Bertola).

2001 (December)	Invited Lecture at the Nobel Symposium on Experimental and Behavioral Economics, Stockholm
2001 (Aug.)	Schumpeter Lecture at the European Economic Association Meeting
2001 (April)	Frank Hahn Lecture at annual conference of the Royal Economic Society
2000 (August)	Lecture in the invited paper session on Behavioral Economics at the 8 th world congress of the Econometric Society, Seattle (with K. Schmidt)
2000 (May)	Keynote address at the Congress of the International Association for Research in Economic Psychology and Society for the Advancement of Socio-Economics
1999 (June)	Keynote address at the 16 th Conference on Applied Micro-Economics, Lyon
1999 (May)	Keynote address at the world meeting of the Economic Science Association, Lake Tahoe, California
1999 (Sept.)	Keynote address at the Congress of the European Association for Labor Economics

Editorial Commitments and Duties

- Member of the Advisory Board: *Experimental Economics*, 2017 - present
- Board of Reviewing Editors: *Science*, 2006-2018
- Editorial Board: *Quarterly Journal of Economics*, 2006 - 2014
- Editorial Board: *Games and Economic Behavior*, 2006 – 2011
- Member of the Senior Editorial Board of *Science*, 2010 - 2019

List of Publications

Books

Neuroeconomics: Decision Making and the Brain, Elsevier, North Holland, 2014 (jointly edited with P. Glimcher)

Handbook of Neuroeconomics, Elsevier, North Holland, 2008 (jointly edited with P. Glimcher, C. Camerer, and R. Poldrack).

Moral Sentiments and Material Interests, MIT Press, Cambridge Massachusetts 2005 (with Robert Boyd, Samuel Bowles and Herbert Gintis).

Foundations of Human Sociality – Economic Experiments and Ethnographic Evidence from Fifteen Small Scale Societies, Oxford University Press, Oxford 2004 (with Joe Henrich, Robert Boyd, Samuel Bowles, Colin Camerer, and Herbert Gintis).

Economic Theory of Self-Management and Profit-Sharing, Campus Verlag, Frankfurt – New York 1988, 250 pages (in German).

Contributions in Refereed Journals

(WS = number of citations in the *Web of Science*; GS = number of citations in *Google Scholar*, Situation October 2020)

Selected Publications on Core Economic Topics

A Theory of Fairness, Competition and Cooperation, *Quarterly Journal of Economics* 114 (1999), 817-868. (with K. Schmidt) (WS 4'426; GS 12'464)

Altruistic Punishment in Humans, *Nature* 415, 10 January 2002, 137-140. (with S. Gächter) (WS 2'927; GS 5'795)

Cooperation and Punishment in Public Goods Experiments, *American Economic Review* 90 (2000), 980-994 (with S. Gächter) (WS 1'746; GS 4'919)

The Nature of Human Altruism, *Nature* 425, 23 October 2003, 785-791 (with Urs Fischbacher) (WS 1'624; GS 3'840)

Fairness and Retaliation – The Economics of Reciprocity, *Journal of Economic Perspectives* 14 (2000), 159-181. (with S. Gächter) (WS 1'264, GS 4'196)

In Search of Homo Economicus – Behavioral Experiments in 15 Small Scale Societies. *American Economic Review* 91 (2001), 73-78. (with J. Henrich, R. Boyd, S. Bowles, H. Gintis, C. Camerer and R. McElreath) (WS 1'087, GS 2'955)

- Are people conditionally cooperative? Evidence from a public goods experiment, *Economic Letters*, Volume 71, Issue 3, June 2001, Pages 397-404. (with U. Fischbacher and S. Gächter) ([WS 1'067](#), [GS 2'913](#))
- Third party punishment and social norms, *Evolution and Human Behavior* 25 (2004) 63-87 (with Urs Fischbacher) ([WS 883](#); [GS 2'097](#))
- "Economic Man" in Cross-Cultural Perspective – Behavioral Experiments in 15 Small-Scale Societies, *Behavioral and Brain Sciences* 28 (2005), 795–855 (with J. Henrich, R. Boyd, S. Bowles, C. Camerer, H. Gintis, R. McElreath, M. Alvard, A. Barr, J. Ensminger, N. Smith, K. Hill, F. Gil-White, M. Gurven, F. Marlowe, J. Patton and D. Tracer) ([WS 771](#); [GS 2'009](#))
- Egalitarianism in Young Children, *Nature* 454 (2008), 1079 - 1083 (with H. Bernhard and B. Rockenbach) ([WS 634](#); [GS 1'353](#))
- Social Norms and Human Cooperation, *Trends in Cognitive Sciences* 8 (2004), 185-190. (with Urs Fischbacher) ([WS 627](#); [GS 1'516](#))
- Does Fairness prevent Market Clearing? – An Experimental Investigation; *Quarterly Journal of Economics*, Vol. 108, No. 2, 1993, 437-460. (with G. Kirchsteiger und A. Riedl) ([WS 591](#); [GS 1'877](#))
- Strong Reciprocity, Human Cooperation and the Enforcement of Social Norms. *Human Nature* 13 (2002), 1 – 25. (with U. Fischbacher and S. Gächter) ([WS 559](#); [GS 1'402](#))
- Explaining altruistic behavior in humans, *Evolution and Human Behavior* 24 (2003) 153–172 (with Herbert Gintis, Samuel Bowles, Robert Boyd) ([WS 490](#); [GS 1'377](#))
- Psychological Foundations of Incentives – Schumpeter Lecture at the European Economic Association Meeting 2001, *European Economic Review* 46 (2002), 687 – 724. (with A. Falk) ([WS 475](#); [GS 1'706](#))
- Reciprocity as a Contract Enforcement Device, *Econometrica* 65 (1997), 833-860. (with S. Gächter and G. Kirchsteiger) ([WS 467](#); [GS 1'485](#))
- Detrimental Effects of Sanctions on Human Altruism, *Nature* 422, 13 March 2003, 137-140. (with B. Rockenbach) ([WS 403](#); [GS 940](#))
- On the psychology of poverty, *Science* 344(6186), 862-867 (2014) (with J. Haushofer) ([WS 354](#); [GS 1'013](#))
- When does "Economic Man" dominate Social Behavior? *Science* 311 (2006), 47-52 (with C. Camerer) ([WS 346](#); [GS 853](#))
- Parochial Altruism in Humans, *Nature* 442 (2006), 912-915 (with H. Bernhard and U. Fischbacher) ([WS 335](#); [GS 891](#))
- On the Nature of Fair Behavior. *Economic Enquiry* 41 (2003), 20 – 26 (with A. Falk and U. Fischbacher) ([WS 316](#); [GS 929](#))

Testing Theories of Fairness – Intentions Matter, *Games and Economic Behavior* 62 (2008), 287-303. (with A. Falk and U. Fischbacher) (WS 270; GS 883)

Driving Forces Behind Informal Sanctions, *Econometrica* 73 (2005), 2017-2030 (with A. Falk and U. Fischbacher) (WS 222; GS 529)

Wage Rigidity in a Competitive Incomplete Contract Market, *Journal of Political Economy* 107 (1999), 106-134. (with A. Falk) (WS 205, GS 703)

Fairness and Contract Design, *Econometrica* 75 (2007), 121-154 (with K. Schmidt and A. Klein) (WS 201; GS 563)

Business culture and dishonesty in the banking industry, *Nature* 2014, 516, 86-89, advanced online publication doi:10.1038/nature13977 (with A. Cohn and M. Maréchal) (WS 200; GS 530)

Relational Contracts and the Nature of Market Interactions, *Econometrica* 72 (2004), 747-780. (with M. Brown and A. Falk) (WS 190; GS 649)

Do Workers work more if Wages are high? – Evidence from a Randomized Field Experiment, *American Economic Review* 97 (2007), 298-317 (with L. Goette) (WS 180; GS 664)

The Coevolution of Cultural Groups and Ingroup Favoritism, *Science* 321 (2009), 1844 – 1849 (with C. Efferson and R. Lalive) (WS 152; GS 421)

Does Money Illusion Matter? *American Economic Review* 91 (2001), 1239-1262. (with J. R. Tyran) (WS 130, GS 453)

A Simple Mechanism for the Efficient Provision of Public Goods – Experimental Evidence, *American Economic Review* 90 (2000), 247-264. (with J. Falkinger, S. Gächter und R. Winter-Ebmer) (WS 115, GS 370)

Evidence for Countercyclical Risk Aversion: An Experiment with Financial Professionals, *American Economic Review*, 2015, 105(2), 860-885 (with A. Cohn, J. Engelmann, and M. Maréchal) (WS 96; GS 312)

Fairness Perceptions and Reservation Wages: The Behavioral Effects of Minimum Wage Laws, *Quarterly Journal of Economics* 121 (2006), 1347-1381 (with A. Falk and C. Zehnder) (WS 81, GS 319)

The Lure of Authority: Motivation and Incentive Effects of Power, *American Economic Review* 103(4) (2013), 1325-1359. (with H. Herz and T. Wilkening) (WS 79; GS 270)

Contracts as Reference Points – Experimental Evidence, *American Economic Review* 101(2) (2011), 493-525. (with O. Hart and C. Zehnder) (WS 78; GS 263)

Limited Rationality and Strategic Interaction – The Impact of the Strategic Environment on Nominal Inertia, *Econometrica* 76 (2008), 353-394. (with J. R. Tyran) (WS 58; GS 167)

Screening, Competition, and Job Design: Economic Origins of Good Jobs, *American Economic Review* 102(2) (2012), 834-864. (with B. Bartling and K.M. Schmidt) (WS 37; GS 131)

- The Intrinsic Value of Decision Rights, *Econometrica*, 2014, 82(6), 2005-2039 (with B. Bartling and H. Herz) (WS 45; GS 168)
- Female genital cutting is not a social coordination norm, *Science* 349 (2015), 1446-1447 (with C. Efferson, S. Vogt, A. Elhadi, and H. El Fadil Ahmed) (WS 22; GS 69)
- Changing cultural attitudes towards female genital cutting, *Nature*, (2016), doi:10.1038/nature20100 (with S. Vogt, N.A.M. Zaid, H. El Fadil Ahmed, and C. Efferson) (WS 17; GS 52)
- Can we see inside? Predicting strategic behavior given limited information, *Evolution and Human Behavior* 34 (2013), 258-264 (with S. Vogt and C. Efferson) (WS 12; GS 52)
- Time Discounting and Wealth Inequality, *American Economic Review*, 110(4) (2020) 1177-1205 (with T. Epper, H. Fehr-Duda, C. Thustrup Kreiner, D. Dreyer Lassen, S. Leth-Petersen, and G. Nytoft Rasmussen) (WS 1; GS 16)
- Behavioral Constraints on the Design of Subgame-Perfect Implementation Mechanisms, *American Economic Review* 111(4) (2021), 1055-91 (with M. Powell and T. Wilkening) (WS 0, GS 4)
- Time Will Tell: Recovering Preferences when Choices are Noisy, *Journal of Political Economy* 129(6) (2021), 1828-1877 (with C. Alos-Ferrer and N. Netzer) (WS 0, GS 8)
- Does Market Interaction Erode Moral Values? *Review of Economics and Statistics*, forthcoming (with B. Bartling and Y. Özdemir) (WS 0, GS 9)

Selected Publications in Neuroeconomics

- Oxytocin Increases Trust in Humans, *Nature* 435 (2005), 673-676 (with M. Kosfeld, M. Heinrichs, P. Zak and U. Fischbacher) (WS 2'032; GS 4'326)
- The Neural Basis of Altruistic Punishment, *Science* 305 (2004), 1254-1258 (with D. DeQuervain, U. Fischbacher, V. Treyer, M. Schellhammer, and A. Buck) (WS 886; GS 2'153)
- Oxytocin Shapes the Neural Circuitry of Trust and Trust Adaptation in Humans, *Neuron* 58(4) (2008), 639-650 (with T. Baumgartner, M. Heinrichs, A. Vonlanthen, U. Fischbacher) (WS 739; GS 1'429)
- Diminishing Reciprocal Fairness by Disrupting Right Prefrontal Cortex, *Science* 314 (2006), 829-832 (with D. Knoch, A. Pascual-Leone, K. Meyer, V. Treyer) (WS 598; GS 1'178)
- Social Neuroeconomics – The Neural Circuitry of Social Preferences, *Trends in Cognitive Sciences* 11 (2007), 419-427 (with C. Camerer) (WS 391; GS 793)
- Lateral prefrontal cortex and self-control in intertemporal choice, *Nature Neuroscience* 13(5), 2010, 538 - 539 (with B. Figner, D. Knoch, E.J. Johnson, A.R. Krosch, S.H. Lisanby, and E.U. Weber) (WS 388; GS 649)
- The Neural Signature of Social Norm Compliance, *Neuron* 56 (2007), 185-196 (with M. Spitzer, U. Fischbacher, B. Herrnberger und G. Groen) (WS 308; GS 558)

- The neurobiology of rewards and values in social decision making, *Nature Reviews Neuroscience*, Advanced online publication doi:10.1038/nrn3776, 2014 (with C.C. Ruff) (WS 276; GS 485)
- Prejudice and truth about the effect of testosterone on human bargaining behaviour, *Nature* 463(7279), 2010, 356-359 (with C. Eisenegger, M. Naef, R. Snozzi, and M. Heinrichs) (WS 232; GS 463)
- Dorsolateral and ventromedial prefrontal cortex orchestrate normative choice, *Nature Neuroscience* 14, 2011, 1468-1474 (with T. Baumgartner, D. Knoch, P. Hotz, and C. Eisenegger) (WS 163; GS 287)
- Studying the Neurobiology of Social Interaction with Transcranial Direct Current Stimulation—The Example of Punishing Unfairness, *Cerebral Cortex* 18 (2008) 1987-1990 (with D. Knoch, M. Nitsche, U. Fischbacher, C. Eisenegger und A. Pascual-Leone) (WS 150; GS 244)
- The Social Dimension of Stress Reactivity: Acute Stress Increases Prosocial Behavior in Humans, *Psychological Science*, 23(6), 2012, 651-660 (with B. von Dawans, U. Fischbacher, C. Kirschbaum, and M. Heinrichs) (WS 147; GS 326)
- Changing Social Norm Compliance with Noninvasive Brain Stimulation, *Science* 342 (2013), 482-484 (with C.C. Ruff and G. Ugazio) (WS 133; GS 216)
- Linking Brain Structure and Activation in Temporoparietal Junction to Explain the Neurobiology of Human Altruism, *Neuron* 75, July 2012, 73-79 (with Y. Morishima, D. Schunk, A. Bruhin, and C.C. Ruff) (WS 127 GS 224)
- The Neural Circuitry of a Broken Promise, *Neuron* 64(5), Dec 2009, 756-770 (with T. Baumgartner, U. Fischbacher, A. Feierabend, and K. Lutz) (WS 113; GS 216)
- The Neuroeconomics of Mind-Reading and Empathy, *American Economic Review* 95 (2005), 340-345 (with T. Singer) (WS 93; GS 333)
- Disrupting the prefrontal cortex diminishes the human ability to build a good reputation, *Proceedings of the National Academy of Sciences* 106 (49), 2009, 20895-99 (with D. Knoch, F. Schneider, D. Schunk, and M. Hohmann) (WS 86; GS 143)
- Neuroeconomic Foundations of Trust and Social Preferences, *American Economic Review*, 95 (2005), 346-351 (with U. Fischbacher and M. Kosfeld) (WS 85; GS 333)
- The brain's functional network architecture reveals human motives, *Science*, 351(6277), 2016, 1074-1078 (with G. Hein, Y. Morishima, S. Leiberg, and S. Sul) (WS 58; GS 108)
- Computational and neurobiological foundations of leadership decisions, *Science* 361, 2018, 1-8 (with J. M. Edelson, R. Polania, C.C. Ruff, and T. Hare) (WS 14; GS 24)
- Surprise Beyond Prediction Error, *Human Brain Mapping*, 35, 2014, 4805-4814 (with J. Chumbley, C. Burke, K.E. Stephan, K. Friston, and P. Tobler) (WS 8; GS 9)

A registered replication study on oxytocin and trust, *Nature Human Behaviour*, 2020, <http://dx.doi.org/10.1038/s41562-020-0878-x> (with C.H. Declerck, C. Boone, L. Pauwels, and B. Vogt) (WS 1, GS 5)

A causal role for the right frontal eye fields in value comparison, *eLife*, 2021, <http://dx.doi.org/10.7554/eLife.67477> (with I. Krajbich, A. Mitsumasu, R. Polania, and C.C. Ruff) (WS 0, GS 0)

Other Publications in economics and psychology

Published Papers 2015 – present

The rise of affectivism, *Nature Human Behaviour* 5, 2021, 816-820 (with D. Dukes, K. Abrams, D. Sander, et al)

The Uncertainty Triangle – Uncovering Heterogeneity in Attitudes Towards Uncertainty, *Journal of Risk and Uncertainty*, forthcoming (with D. Burghart and T. Epper)

The evolution of distorted beliefs versus mistaken choices under asymmetric error costs, *Evolutionary Human Sciences*, forthcoming (with C. Efferson and R. McKay)

Motivated misremembering of selfish decisions, *Nature Communications* 11, 2100, 2020 doi.org/10.1038/s41467-020-15602-4 (with R. Carlson, M.A. Maréchal, B. Oud, and M. Crockett)

Revealed preferences in a sequential prisoners' dilemma: A horse-race between six utility functions. *Journal of Economic Behavior and Organization* 173 doi.org/10.1016/j.jebo.2020.02.018, 2020, 1-25 (with T. Miettinen, M. Kosfeld, and J. Weibull)

The promise and the peril of using social influence to reverse harmful traditions. *Nature Human Behavior* (2019) [doi:10.1038/s41562-019-0768-2](https://doi.org/10.1038/s41562-019-0768-2) (with C. Efferson and S. Vogt)

On the psychology and economics of antisocial personality, *PNAS*, DOI: 10.1073/pnas.1820133116, 2019 (with J.B. Engelmann, B. Schmid, C.K.W. De Dreu, and J. Chumbley)

Simple moral code supports cooperation, *Nature*, 555(7695):169-170 DOI:10.1038/d41586-018-02621-x (with C. Efferson)

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In search of Homo economicus: Experiments in 15 Small-Scale Societies, *Selecting Research Methods*, Sage Publications, 2008. (with J. Henrich, R. Boyd, S. Bowles, C. Camerer, H. Gintis, and R. McElreath; previously published in *American Economic Review*, 91(2), 73-79).

Papers in German Journals

- Determinanten kindlicher Geduld – Ergebnisse einer Experimentalstudie im Haushaltskontext. *Schmollers Jahrbuch* 130, 2010, 297 – 323. (mit B. Bartling, B. Fischer, F. Kosse, M. Maréchal, F. Pfeiffer, D. Schunk, J. Schupp, C. Spiess, G. Wagner)
- Neid, Status und Markt. *Agogik*, 1/2009, 16 – 23.
- Wie wirken Anreizverträge. Zeitschrift für Betriebswirtschaft, Ergänzungsheft 4, 2001, 145-173. (mit S. Gächter)
- Unfreiwillige Arbeitslosigkeit als Gleichgewichtsphänomen. *Kurswechsel*, Heft 2, 1994, 44-54
- Die Auswirkungen von Nachfrage- und Angebotschocks auf den österreichischen Arbeitsmarkt. *Wirtschaft und Gesellschaft*, 17. Jahrgang, No. 3, 1991, 285-308. (mit W. Alzinger, K. Althaler, M. Marterbauer, Th. Grandner)
- Die Auswirkungen der Gewerkschaften auf die Allokationseffizienz im Lichte einiger Besonderheiten des Arbeitsmarktes. *WSI-Mitteilungen*, 43. Jahrgang, Nr. 6, 1990, 385-392
- Gewinnbeteiligung versus Lohnsubventionen als Mittel der Beschäftigungspolitik. *Wirtschaftspolitische Blätter*, 36. Jahrgang, Nr. 5/6, 1989, 557-575
- Sind Konkurrenzmärkte machtfrei? - Anmerkungen zum Verhältnis von Macht und Ökonomie. *Wirtschaft und Gesellschaft*, 14. Jahrgang, Nr. 3, 1988, 359-380 (mit H. Fehr-Duda)
- Selbstverwaltung - Argumente für staatliche Interventionen, *Wirtschaft und Gesellschaft*, 13. Jahrgang, Nr. 4, 1987, 507-528
- Macht, Effizienz und Profitabilität - Eine Radikale Theorie der Unternehmung. *LEVIATHAN - Zeitschrift für Sozialwissenschaft*, 14. Jahrgang, Nr. 4, 1986, 546-568 (mit H. Duda)
- Die kurzfristige Nachfrage- und Beschäftigungswirksamkeit der Fiskalpolitik in einer geschlossenen Volkswirtschaft. *Quartalshefte der Girozentrale*, 21. Jahrgang, Nr. 3, 1986, 19-39
- Entwicklung und Ursachen der Staatsverschuldung. *Wirtschaft und Gesellschaft*, 12 Jahrgang, Nr. 2, 1986, 87-105
- Die selbstverwaltete Unternehmung - eine effiziente Alternative zum Kapitalismus? *Ökonomie und Gesellschaft*, Jahrbuch 3, 1985, 276-332
- Unfreiwillige Arbeitslosigkeit, Macht und asymmetrische Mobilitätskosten. *Quartalshefte der Girozentrale*, 19. Jahrgang, Nr. 1, 1984, 67-82
- Die Wirtschaftskrise Jugoslawiens: Falsche Wirtschaftspolitik oder Systemfehler? *Quartalshefte der Girozentrale*, 18. Jahrgang, Nr. 4, 1983, 71-90. (mit I. Zloch)

Aufsichtsräte in öffentlichen Unternehmen, Skizzen zur politischen Ökonomie Österreichs. *Zeitschrift für öffentliche und gemeinwirtschaftliche Unternehmen*, Band 5, Heft 2, 1982, 123-150. (mit A. van der Bellen)

Contributions to German Books

Individueller Arbeitseinsatz in Selbstverwaltungs-, Gewinnbeteiligungs- und kapitalistischen Unternehmen. in: F. R. Fitzroy und K. Kraft (Hrsg.): *Mitarbeiterbeteiligung und Mitbestimmung im Unternehmen*, De Gruyter, Berlin-New York 1987, 271-294

Macht und Ökonomie: Das Beispiel atomistischer Arbeitsmärkte. in: W. Küpper und G. Ortmann (Hrsg.): *Mikropolitik - Rationalität, Macht und Spiele in Organisationen*, Westdeutscher Verlag, Opladen 1988, 131-154. (mit H. Fehr-Duda)

Selbstverwaltung - wünschenswert und effizient? in: A. Heise (Hrsg.): *Arbeiterselbstverwaltung*, AG-SPAK, Berlin-Wien 1989, 51-70

Unfreiwillige Arbeitslosigkeit durch Effizienzlöhne? - Eine Gegenkritik. in: K. Gerlach und O. Hübler (Hrsg.): *Effizienzlohntheorie, Individualeinkommen und Arbeitsplatzwechsel*. Campus Verlag, Frankfurt – New York 1989, 27-48

Arbeitslosigkeit in Europa – Theorie und Empirische Befunde. In: Thomas Geiser, Hans Schmid und Emil Walter-Busch (Hrsg.): *Arbeit in der Schweiz des 20. Jahrhunderts – Wirtschaftliche, rechtliche und soziale Perspektiven*. Verlag Paul Haupt, Bern – Stuttgart – Wien 1998, 217-250. (mit S. Gächter)

Unfreiwillige Arbeitslosigkeit und die institutionellen Bedingungen des Arbeitsmarktes, in: Max Haller und Peter Schachner-Blazizek (Hrsg.): *Beschäftigung in Europa*. Graz: Leykam 1999 (mit S. Gächter)

Ursachen Nominaler Rigiditäten. In: G. Chaloupek, A. Guger, E. Nowotny and G. Schwödiauer (Hrsg.), *Oekonomie in Theorie und Praxis – Festschrift für Helmut Frisch*, Springer Verlag, New York – Hamburg, 2001

Contributions to the popular press in German and English

Variable Vergütungssysteme zwischen Effizienz und Exzess: Managerlöhne im Spannungsfeld zwischen Wettbewerbs-Lohn und Leistungsanreizen ohne unerwünschte Nebenwirkungen, *NZZ* 234, 2010

Was ist gerecht? *Die Zeit Magazine* 31, 2009

Mit Neuroökonomik das menschliche Wesen ergründen, *NZZ* 146, 2005

Auch die Rachelust zählt, *NZZ* 221, 2004

The Reductionist – Interview with Ernst Fehr, *Finnisk Newsletter* 2, 2004

Teilen und Helfen – Ursprünge sozialen Verhaltens, *Spektrum der Wissenschaft*, 2002 (with Karl Sigmund und Martin A. Nowak)

The Economics of Fair Play, *Scientific American*, 2002 (with Karl Sigmund und Martin A. Nowak)

Über Vernunft, Will und Eigennutz hinaus – Ansätze zu einer neuen Synthese von Psychologie und Ökonomie, *NZZ* 2001

Unvollständige Arbeitsverträge schaffen Arbeitslosigkeit – Die Folgen von fairem Verhalten auf dem Arbeitsmarkt, *NZZ* 2001 (with Suzann-Viola Renninger)

Neid, Status und Markt – Ökonomische Betrachtungen zu machtvollen Emotionen, *NZZ* 1999

Die Psychologische Wende in der Ökonomik, Vortrag zum Dies Academicus der Universität St. Gallen, 2002

Teaching Activities

Special award

The students in the economics department at the University of Zurich accorded **Ernst Fehr** the **best teaching award** for the economics department for fall semester 2010 and again for fall semester 2012.

Graduate level courses appropriate for advanced Master Students and Ph.D. Students.

(FS = fall semester, SS = spring semester, WS = Winter Semester, SS = Summer Semester)

Lectures

Neuroeconomic Foundations of decision making, graduate level course, every fall semester since 2014

Advanced Microeconomics, undergraduate lecture, every second WS or FS since WS 2006/2007, with the exception of sabbatical leave

Introduction to Microeconomics, undergraduate lecture, WS 2005/2006

Experimental and Behavioral Economics, graduate level course at MIT, since 2003

Experimental Economics, graduate level, 2-hour course every second year at the Univ. of Zürich since 1995

Personnel and Organizational Economics, graduate Level, 2-hour course at the Univ. of Zürich in each year from 1995 to 2007

Applied Game Theory, Graduate level, Institute for Advanced Studies Vienna and Univ. of Zürich: WT 1991/92 SS 1995, SS 1999, WS 2000/01

Labor Economics, 2-hour course, graduate level, Univ. of Linz and Univ. of Zürich: SS 1993, WS 1994/95, WS 1995/96, WS 97/98, SS 2000.

Advanced Microeconomic Theory, 2-hour course, graduate level, Univ. of Linz and Univ. of Zürich: WS 1994/95, WS 1995/96, WS 2000/01, FS 2008.

Distribution Theory, 2-hour course, graduate level, Univ. of Linz: SS 1992

Microeconomic Theory, 3-hour course, undergraduate level, Univ. of Technology, Vienna: WT 1991/92 and a 4-hour course in the WS 1998/99 at the Univ. of Zürich.

Bargaining Theory, 2-hour course, graduate level, Institute for Advanced Studies in Vienna and University of Technology in Vienna: WS 1990/91, WS 1991/92

Introduction to Economics and Public Finance, 3-hour course, undergraduate level, University of Technology, Vienna: SS 1990, ST 1991

Seminars

Frontiers in Social Neuroscience and Neuroeconomics, graduate level seminar, every HS since 2008, with the faculty of the Department of Economics

Research seminar on behavioral and experimental economics, masters and graduate level seminar, every FS since 2007

Foundations of human social behavior, graduate level seminar, every semester since WS 2006/2007

Economic Research Seminar, graduate level seminar, every semester since 2002, with the entire faculty of the economics department.

Management and Economics, graduate level seminar, every semester since 2002

Behavioral Economics, undergraduate and graduate level, several seminars at the Univ. of Zürich since 1995.

Personnel and Organizational Economics, graduate level, at the Univ. of Zürich in each year since 1995.

Advanced Microeconomic Theory, graduate level, at the Univ. of Linz and Zurich: WT 1994/95, WS 1995/96.

Distribution Theory, graduate level, Univ. of Linz: SS 1992.

Labor Economics, graduate level, Univ. of Linz and Zürich: SS 1992, ST 1995, WS 1995/96.

Profit-Sharing and Labor Management, undergraduate level, at the Univ. of Technology, Vienna: SS 1987, SS 1988, SS 1990, SS 1991.

Microeconomic Theory, undergraduate level, at the University of Technology in Vienna: SS 1984, SS 1985, SS 1986.

Public Finance, graduate level, at the Univ. of Vienna: WS 1980/81, SS 1981, WS 1981/82 (together with Prof. A. van der Bellen) .

Refereeing Activities

Ernst Fehr serves as referee for the following journals:

Nature, Science, American Economic Review, Econometrica, Journal of Political Economy, Quarterly Journal of Economics, Review of Economic Studies, Games and Economic Behavior, Journal of Public Economics, Journal of Labor Economics, Economic Journal, European Economic Review, Journal of Economic Behavior and Organization, Scandinavian Journal of Economics, Kyklos, Journal of Comparative Economics, Rationality and Society, Labour Economics, Journal of Institutional and Theoretical Economics (Zeitschrift für die gesamte Staatswissenschaft), Journal of Economics (Zeitschrift für Nationalökonomie), European Journal of Political Economy, Economic Systems (vormals: Jahrbuch der Wirtschaft Osteuropas), Empirica - Austrian Journal of Economics.

Book Reviews

Nutzinger H. G. and Backhaus J. (eds.): *Codetermination - A Discussion of Different Approaches*. Springer Verlag 1989, Berlin - Heidelberg, in: Journal of Economics, Vol. 54, No. 2, 190 ff.

Schneider J.: *Market Failure and Unemployment*. Transfer Verlag 1987, Regensburg, in: Kyklos, No. 1, 1988, 150 ff.

Buchanan J. A. and Rowley Ch. K. and Tollison R. D. (Eds.): *Deficits*. Basil Blackwell 1987, Oxford, in: Kyklos, No. 4, 1988, 667 ff.

Lindbeck A. and Snower D. J.: *The Insider-Outsider Theory of Employment and Unemployment*. MIT Press 1988, Cambridge, in: Journal of Economics, Vol. 51, No. 3, 312 ff.

Hermann A. und Ulram P. A.: *Vermögensbildung in Arbeitnehmerhand*. Forschungsprojekt des Jubiläumsfonds der Österr. Nationalbank, Jänner 1987, in: Sozialwissenschaftliche Studiengesellschaft (SWS) – Rundschau, No. 1, 1987, 49 ff.

Kück M.: *Neue Finanzierungsstrategien für selbstverwaltete Betriebe*. Campus Verlag 1985, Frankfurt – New York, in: Wirtschaft und Gesellschaft, No. 2, 1986, 285 ff.

Laske St. und Schneider U.: *Selbstverwaltung kann man lernen*. Herausgeber und Verleger: Bundesministerium für Soziale Verwaltung, Wien 1985, in: Wirtschaft und Gesellschaft, No. 4, 1986, 583 ff.

Lüftl W. und Martin P. C.: *Die Formeln für den Staatsbankrott – Am Beispiel des finanziellen Endes der Republik Österreich*. Wirtschaftsverlag Langen-Müller/Herbig 1984, München, in: Wirtschaft und Gesellschaft, No. 2, 1985, 278 ff.

Membership in Scientific Organizations

American Economic Association
European Economic Association
Austrian Economic Association
Swiss Society for Economics and Statistics
Royal Economic Society
Verein für Socialpolitik

CEPR Fellow (since 1999)
Fellow of the Center for Economic Studies (CESifo) in Munich, Germany
Fellow of the Institute for the Study of Labor in Bonn, Germany (IZA)

Research Grants

- ***Behavioral economics of preventive health care campaigns***, 2018 – 2021, financed by the Swiss National Science Foundation, grant sum CHF 750'612 (Co-principal investigator with Guilherme Lichand)
- ***The Abandonment of Harmful Social Norms: Improving children's rights with Evidence-Based Research***, 2013 – 2016, financed by UNICEF Switzerland, grant sum CHF 329'584.00.
- ***Neuroeconomics of value-based decision making***, 2013 – 2015, financed by the Swiss National Science Foundation, grant sum CHF 1'800'000.00. (Co-principal investigator with Prof. Léon Tremblay [CNRS Institut des Sciences Cognitives, F-69675 Bron], Prof. Philippe Tobler [UZH], and Prof. Christian Ruff [UZH])
- ***Foundations of Economic Preferences***, 2012 – 2017, Advanced Investigator Grant, financed by the European Research Council, grant sum € 2'494'758.40.
- ***Die Verteilung und die Determinanten von Sozialen Präferenzen [The distribution and determinants of social preferences]***, 2012 – 2015, financed by the Swiss National Science Foundation, grant sum CHF 546'493.00.
- ***The Social Dynamics of Normative Behavior: Population Fragmentation and Divergent Cultural Evolution***, 2010 – 2013, financed by the Swiss National Science Foundation, grant sum CHF 366'700.00. (Co-principal investigator with Dr. Charles Efferson)
- ***Individual heterogeneity and social interaction***, 2009 – 2012, financed by the Swiss National Science Foundation, grant sum CHF 568'601.00.

- ***SystemsX, Neural Correlates of collective decision making: from molecules to minds***, 2008 – 2012, financed by the Swiss National Science Foundation and the University of Zurich, grant sum CHF 764'000.00.
- ***Explaining Religion***, 2007 – 2010, financed by the European Research Council, grant sum GBP 217'992.00.
- ***The Foundations of Human Prosociality – Social Preferences in Marmosets, Chimpanzees and Children***, 2006-2009, financed by the Swiss National Science Foundation, grant sum CHF 547'543.00.
- ***NCCR Affective Sciences***, 2005-2013, financed by the Swiss National Science Foundation, grant sum CHF 864'758.00
- ***The Impact of Loss Aversion and Social Preferences on Economic Incentives***, 2004-2006, financed by the Swiss National Science Foundation, grant sum CHF 385'458.00.
- ***European Wages and Employment under Low Inflation: A Consortium Research Proposal***, 2004-2006, financed by the Swiss National Science Foundation, grant sum CHF 21'000.00.
- ***European Network for the Advancement of Behavioral Economics***, 2004-2007, financed by the European Union, grant sum CHF 450'000.00.
- ***European Network for the Development of Experimental Economics***, 1998-2001, financed by the European Union.
- ***Causes and Consequences of Nominal Inertia***, 1998 - 2001, financed by the Swiss National Science Foundation.
- ***Network on Economic Environments and the Evolution of Individual Preferences and Social Norms***, 1995 – 2005, MacArthur Foundation, Chicago.
- ***Social Norms and Wage Formation***, 1995-1998, financed by the Swiss National Science Foundation.
- ***Involuntary Unemployment as an Equilibrium Phenomenon***, 1993 - 1996, financed by the Austrian Science Foundation.