INCENTIVES IN ORGANIZATIONS AND INNOVATION

UWE JIRJAHN

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SUMMER SEMESTER 2021

CLASS TIME: MONDAY 14:00-16:00 [DIGITAL]

March 15, 2021

1. Incentives

- 1.1 Basic Principal-Agent Model of Performance Pay
- 1.2 Relative Performance Pay and Risk Reduction
- 1.3 Relative Performance Pay and Sabotage
- **1.4 Profit Sharing**
- 1.5 Performance Pay and Self-Sorting
- 1.6 Econometric Studies on Performance Pay
- 1.7 Efficiency Wages
- 1.8 Incentives and Markets: Strategic Delegation

2. Behavioral Economics

- 2.1 Social Preferences
- 2.2 Extrinsic and Intrinsic Motivation
- 2.3 Time-inconsistent Preferences
- 3. Corporate Governance
- 3.1 Systems of Corporate Governance
- 3.2 Shareholder Value Approach: Distribution and Incentives
- 3.3 Stakeholder Approach: Codetermination
- 3.4 Corporate Culture
- 3.5 Labor Managed Firms
- 4. Innovation
- 4.1 Innovation and Product Markets
- 4.2 Innovation, Incentives and Corporate Governance
- 4.3 Innovation and Spillovers
- 4.4 Innovation and Religion

Literature

Aggarwal, R.K. and A. Samwick. 1999. "Executive Compensation, Strategic Competition and Relative Performance Evaluation: Theory and Evidence," *Journal of Finance* LIV: 1999–2043.

Aghion, P. and J. Tirole. 1994. "The Management of Innovation," *Quarterly Journal of Economics* 109: 1185–1209.

Askildsen, J.E., U. Jirjahn and S.C. Smith. 2006. "Works Councils and Environmental Investment: Theory and Evidence from German Panel Data," *Journal of Economic Behavior and Organization* 60: 346–372.

Belloc, F. 2012. "Corporate Governance and Innovation: A Survey," Journal of Economic Surveys 26: 835–864.

Benabou, R., D. Ticchi and A. Vindigni. 2015. "Forbidden Fruits: The Political Economy of Science, Religion and Growth," NBER Working Paper No. 21105.

Bowles, S. and S. Polania-Reyes. 2012. "Economic Incentives and Social Preferences: Substitutes or Complements?" *Journal of Economic Literature* 50: 368–425.

Camerer, C. 2003. Behavioral Game Theory: Experiments in Strategic Interaction, Princeton University Press.

Chiang, A.C. and K. Wainwright. 2005. Fundamental Methods of Mathematical Economics. 4th edition, McGrawHill.

Cornelissen, T., J.S. Heywood and U. Jirjahn. 2011. "Performance Pay, Risk Attitudes and Job Satisfaction," *Labour Economics* 18: 229–239.

Curme, M. and N. Stefanec. 2007. "Worker Quality and Labor Market Sorting," Economics Letters 96: 202-208.

Driver, C. and M.J.C. Guedes. 2017. "R&D and CEO Departure Date: Do Financial Incentives Make CEOs More Opportunistic?" *Industrial and Corporate Change* 26: 801–820.

Fabbri, F. and D. Marin. 2012. "What Explains the Rise in CEO Pay in Germany? A Panel Data Analysis for 1977-2009," IZA Discussion Paper No. 6420, Bonn.

Fiss, Peer C. and Edward J. Zajac. 2004. "The Diffusion of Ideas over Contested Terrain: The (Non)adoption of Shareholder Value Orientation among German Firms," *Administrative Science Quarterly* 49: 501–534.

Freeman, Richard and Edward Lazear. 1995. "An Economic Analysis of Works Councils," in *Works Councils – Consultation, Representation and Cooperation*, edited by Rogers J. and Streeck W., Chicago, University of Chicago Press: 27–52.

Gielen, A.C., M.J.M. Kerkhofs and J.C. van Ours. 2010. "How Performance Related Pay Affects Productivity and Employment," *Journal of Population Economics* 23: 291–301.

Gneezy, U., S. Meier and P. Rey-Biel. 2011. "When and Why Incentives (Don't) Work to Modify Behavior," *Journal of Economic Perspectives* 25: 191–209.

Heywood, J.S. and U. Jirjahn. 2009. "Profit Sharing and Firm Size: The Role of Team Production," *Journal of Economic Behavior and Organization* 71: 246–258.

Heywood, J.S., U. Jirjahn and C. Struewing. 2017. "Locus of Control and Performance Appraisal," *Journal of Economic Behavior and Organization* 142: 205 – 225.

Heywood, J.S., Wei, X. and Ye, G. 2011. "Piece Rates for Professors," Economic Letters 113, 285 – 287.

Huebler, O. and U. Jirjahn. 2003. "Works Councils and Collective Bargaining in Germany: The Impact on Productivity and Wages," *Scottish Journal of Political Economy* 50: 471 – 91.

Jackson, G., Hoepner, M., and Kurdelbusch, A. (2005) Corporate governance and employees in Germany: changing linkages, complementarities and tensions, in Gospel, H. and Pendleton, A. (eds.) *Corporate Governance and Labour Management: an International Comparison, Oxford University Press*, 84 – 121.

Jirjahn, U. 2016a. "Performance Pay and Productivity: The Moderating Role of a High Wage Policy," *Managerial and Decision Economics* 37: 507 – 511.

Jirjahn, U. 2016b. "Which Employers Regard the Threat of Dismissal as a Suitable Incentive to Motivate Workers?" *Applied Economics Letters* 23: 614 – 617.

Jirjahn, U. and K. Kraft. 2011. "Do Spillovers Stimulate Incremental or Drastic Product Innovations? Evidence from German Establishment Data," *Oxford Bulletin of Economics and Statistics* 73: 509 – 538.

Kitzmueller, M. and J. Shimshack. 2012. "Economic Perspectives on Corporate Social Responsibility," *Journal of Economic Literature*, 50: 51 – 84.

Lazear, E.P. and R. Gibbs. 2009. Personnel Economics for Managers. New York: Wiley.

Maddala, G.S. and K. Lahiri. 2009. Introduction to Econometrics. 4th edition, Wiley.

Milgrom, Paul and John Roberts. 1992. Economics, Organization and Management. McMillan.

Murphy, K. 1999. "Executive Compensation," in O. Ashenfelter and D. Card, eds., Handbook of Labor Economics Vol. 3.

Parson, C. and E. van Wesep. 2013. "The Timing of Pay," Journal of Financial Economics 109: 373 – 397.

Peneder, M. and M. Woerter. 2014. "Competition, R&D and Innovation: Testing the Inverted-U in a Simultaneous System," *Journal of Evolutionary Economics* 24: 653 – 687.

Polder, M. and E. Vedhuizen. 2012. "Innovation and Competition in the Netherlands: Testing the Inverted-U for Industries and Firms," *Journal of Industry, Competition and Trade* 12: 67 – 91.

Raff, D.M.G. and L.H. Summers. 1987. "Did Henry Ford Pay Efficiency Wages?" Journal of Labor Economics 5: S57 – S86.

Snyder, Christopher and Nicholson, Walter. 2012. Microeconomic Theory: Basic Principles and Extensions. 11th edition. South-Western CENGAGE Learning.

Tirole, J. 2001. "Corporate Governance," *Econometrica* 69: 1 – 35.

Vitols, Sigurt. 2004. "Negotiated Shareholder Value: The German Variant of an Anglo-American Practice," *Competition and Change* 8: 357 – 374.

Vitols, S. 2005. "German Corporate Governance in Transition: Implications of Bank Exit from Monitoring and Control," *International Journal of Disclosure and Governance* 2: 357 – 367.

Wonnacott, T. H. and R. J. Wonnacott. 1990. Introductory Statistics. 5th edition, New York: Wiley.