



David CRAINICH

Ph.D. in Economics

Full Professor, Economics

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EDUCATION

2016 HDR, Economy, Economics, University of Lille 1, France

2002 Ph.D. in Economics, Facultés Universitaires Saint-Louis, Belgium

RESEARCH INTERESTS

risk theory - health economics

PROFESSIONAL EXPERIENCE

ACADEMIC:

2020 - Present Research Director, DR2, Centre National de la Recherche Scientifique (CNRS), Lille

2007 - 2020 Researcher, Centre National de la Recherche Scientifique (CNRS), France

2003 - 2007 Researcher, CRESGE, Lille, France

1996 - 2003 Teaching and Research Assistant, Facultés Universitaires Saint-Louis, Brussel, Belgium

COURSES TAUGHT

- Economics and business research seminar, Grande école (master cycle)
- Economics of firm strategy, Msc in business analysis and consulting

INTELLECTUAL CONTRIBUTIONS

Papers in refereed journals

Published

Barnay T., Crainich D., (2024), Introduction – From Theory to Practice and Vice Versa or How Economists Contribute to Understanding and Improving the Healthcare System, *Économie et Statistique*, 542(2024), pp. 3 - 15

Crainich D., Arrighi Y., Flambard V., Massin S., (2022), Personalized information and willingness to pay for non-financial risk prevention: an experiment, *Journal of Risk and Uncertainty*, 65(1), pp. 57-82

- Crainich D., Menegatti M., (2021), Self-protection with random costs, *Insurance: Mathematics and Economics*, 98(2021), pp. 63-67
- Bleichrodt H., Crainich D., Eeckhoudt L., Treich N., (2020), Risk aversion and the value of diagnostic tests, *Theory and Decision*, 89(2020), pp. 137-149
- Crainich D., Eeckhoudt L., Le Courtois O., (2020), Intensity of Preferences for Bivariate Risk Apportionment, *Journal of Mathematical Economics*, 88(2020), pp. 153-160
- Crainich D., (2019), Effet des préférences individuelles sur la réussite à long terme des incitations financières à la réalisation d'objectifs de santé, *Revue d'Économie Politique*, 129(4), pp. 447 - 465
- Crainich D., Eeckhoudt L., Menegatti M., (2019), Some implications of common consequences in lotteries, *Journal of Risk and Uncertainty*, 59(2), pp. 185-202
- Crainich D., (2017), Self-insurance with genetic testing tools, *Journal of Risk and Insurance*, 84(1), pp. 79-94
- Crainich D., Eeckhoudt L., (2017), Average Willingness to Pay for Disease Prevention with Personalized Health Information, *Journal of Risk and Uncertainty*, 55(1), pp. 29–39
- Crainich D., Eeckhoudt L., Le Courtois O., (2017), Health and portfolio choices: A diffidence approach, *European Journal of Operational Research*, 259(1), pp. 273-279
- Crainich D., Eeckhoudt L., Menegatti M., (2016), Changing risks and optimal effort , *Journal of Economic Behavior & Organization*, 125, pp. 97-106
- Boussemart J.-P., Crainich D., Leleu H., (2015), A decomposition of profit loss under output price uncertainty, *European Journal of Operational Research*, 243(3), pp. 1016-1027
- Crainich D., Eeckhoudt L., Hammitt J., (2015), The value of risk reduction: new tools for an old problem, *Theory and Decision*, 79(3), pp. 403-413
- Crainich D., Eeckhoudt L., Flambard V., (2014), Préférence face au risque et difficultés financières des ménages les plus pauvres, *Économie et Statistique*, (472-473), pp. 195-211
- Crainich D., Eeckhoudt L., Le Courtois O., (2014), Decreasing Downside Risk Aversion and Background Risk, *Journal of Mathematical Economics*, 53, pp. 59-63
- Crainich D., Eeckhoudt L., Trannoy A., (2013), Even (mixed) risk lovers are prudent, *American Economic Review*, 103(4), pp. 1529-1535
- Crainich D., Eeckhoudt L., Rey B., (2011), A propos de la tempérance, *Revue Economique*, 62(4), pp. 751-764
- Crainich D., Leleu H., Mauleon A., (2011), Hospital's activity-based financing system and manager physician interaction, *European Journal of Health Economics*, 12(5), pp. 417-427
- Crainich D., Leleu H., Mauleon A., (2009), Impact du passage à la tarification à l'activité. Une modélisation pour l'hôpital public, *Revue Economique*, 60(2), pp. 471-488
- Bleichrodt H., Crainich D., Eeckhoudt L., (2008), Aversion to health inequalities and priority setting in health care, *Journal of Health Economics*, 27(6), pp. 594-1604
- Crainich D., Eeckhoudt L., (2008), On the Intensity of Downside Risk Aversion, *Journal of Risk and Uncertainty*, 36(3), pp. 267-276
- Crainich D., Leleu H., Mauleon A., (2008), The Optimality of Hospital Financing System: The Role of Physician-Manager Interactions, *International Journal of Health Care Finance and Economics*, 8(4), pp. 245-256
- Bui P., Crainich D., Eeckhoudt L., (2005), Allocating health care resources under risk: risk aversion and prudence matter, *Health Economics*, 14(10), pp. 1073-1077
- Crainich D., Eeckhoudt L., (2005), La notion économique de prudence: Origine et développements récents, *Revue Economique*, 56(5), pp. 1021-1032
- Marissal J., Saily J., Crainich D., Lebrun T., (2005), Evaluation de l'impact budgétaire de l'application des recommandations de bonne pratique ans le diabète de type II en France, *Revue d'Epidémiologie et de Santé Publique*, 53(1), pp. 67-78
- Bleichrodt H., Crainich D., Eeckhoudt L., (2003), Comorbidities and the willingness to pay for health improvements, *Journal of Public Economics*, 87(11), pp. 2399-2406

Bleichrodt H., Crainich D., Eeckhoudt L., (2003), The effect of comorbidities on treatment decisions, *Journal of Health Economics*, 22(5), pp. 805-820

Forthcoming

Crainich D., (2024), Optimal self-insurance with genetic testing and state-dependent utility, *Canadian Journal of Economics*, 1(1), pp. 1

Crainich D., Arrighi Y., Boukari F., (2024), Optimal combination of requirement and reward in financial incentive programs for weight loss, *Theory and Decision*, 1(1), pp. 1

Communications in refereed conferences

International

Tarnaud A., Crainich D., Leleu H., (2012), *Data Envelopment Analysis Applied to the Performance Measurement of Portfolios* NAPW VII - North American Productivity Workshop, Houston, USA

Crainich D., Eeckhoudt L., (2011), *Three measures of the intensity of temperance* 38th EGRIE seminar, Vienna, Austria

Other conference and seminar presentations

National

Crainich D., (2012), *Disease prevention in separating adverse selection equilibria* Journées internationales du risque de l'IRIAF, Reims, France

Crainich D., Eeckhoudt L., (2011), *Three measures of the intensity of temperance* Journées internationales du risque de l'IRIAF, Niort, France

Leleu H., Blancard S., Boussemart J., Crainich D., (2008), *How can allocative inefficiency reveal risk preference? An empirical investigation on French wheat farms* 2èmes Journées INRA-SFER-CIRAD de recherches en sciences sociales, Lille, France

Books

Published

Daue F., Crainich D., (2008), *L'avenir des soins de santé: oser le diagnostic et les thérapies*, 978-9-0548-7532-1, Academic & Scientific Publishers, Brussels, 298 pages

Chapters in books

Published

Closon M., Crainich D., Swartenbroeck N., (2000), Public health and health policy in Belgium, in: Holland, W., Mossialos, E.(Eds.), *Public health policies in the European Union*, 978-0754620723, Ashgate Publishing Limited, Aldershot

Crainich D., Closon M., (1999), Cost containment policies and health care reforms in Belgium, in: Mossialos, E., Le Grand, J.(Eds.), *Health expenditure in the European Union: cost and control*, 1840144033, Ashgate Publishing Limited, Aldershot, chapter 4, pp. 219-266

Research reports

Crainich D., Leleu H., (2006), *Exploitation des auto-questionnaires de l'extension régionale Nord Pas-de-Calais de l'Enquête Nationale Santé et Soins Médicaux 2002 de l'INSEE*

Crainich D., Leleu H., (2004), *Exploitation de l'extension régionale Nord Pas-de-Calais de l'Enquête Nationale Santé et Soins Médicaux 2002*

Working papers

Crainich D., Eeckhoudt L., (2016), *Average willingness to pay for disease prevention with personalized health information*, IESEG Working Paper Series 2016-EQM-02, LEM Working Paper 2016-02

Crainich D., Eeckhoudt L., Le Courtois O., (2013), *An index of (absolute) correlation aversion: theory and some implications*, IESEG Working Paper Series 2013-ECO-12, LEM Working Paper 2013-18, CNRS (LEM UMR 8179) and Iéseg School of Management

Crainich D., Eeckhoudt L., Hammitt J., (2013), *The Value of Risk Reduction: New Tools for an Old Problem*, IESEG Working Paper Series 2013-ECO-13, LEM Working Paper 2013-19, CNRS (LEM UMR 8179) and IESEG School of Management

Courbage C., Crainich D., (2012), *More on the optimal demand for long-term care insurance*, IESEG Working Paper Series 2012-ECO-17, LEM Working Paper 2012-17, CNRS (LEM UMR 8179) and Iéseg School of Management

Boussemart J., Crainich D., Leleu H., (2012), *A decomposition of profit inefficiency into price expectation error, preferences towards risk and technical inefficiency*, IESEG Working Paper Series 2012-ECO-04, LEM Working Paper 2012-05, IESEG

Crainich D., Eeckhoudt L., Trannoy A., (2011), *Even (mixed) risk lovers are prudent*, IESEG Working Paper Series 2011-ECO-05, LEM Working Paper 2011-08, CNRS (LEM UMR 8179) and IESEG School of Management

Crainich D., Leleu H., Mauleon A., (2008), *Impact du passage à la T2A: une modélisation pour l'hôpital public*, IESEG Working Paper Series 2008-ECO-07, LEM Working Paper 2008-10, IESEG

Blancard S., Boussemart J., Crainich D., Leleu H., (2008), *How can allocative inefficiency reveal risk preference? An empirical investigation on French wheat farms*, IESEG Working Paper Series 2008-ECO-02, LEM Working Paper 2008-02, IESEG

Crainich D., Leleu H., Mauleon A., (2006), *Hospital's activity-based financing system and manager-physician interaction*, LEM Working Paper 2006-05, LEM

Crainich D., Leleu H., Mauleon A., (2006), *The optimality of hospital financing system: the role of physician-manager interactions*, LEM Working Paper 2006-04, LEM

EDITORIAL ACTIVITY

Member of the editorial board of an academic journal

2019 Journal of Risk and Insurance, USA