

## CURRICULUM VITAE

**HUTTIN Christine**

Date of birth: March 25, 1957 Professor

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## EDUCATION

INSTITUTION AND LOCATION	DEGREE (if applicable)	DATE	FIELD OF STUDY
Harvard University (Harvard School of Public Health)	Takemi diploma	1995	International health Pharmaco epidemiology, clinical decision making , pharmacoeconomics (clinical and economic predictors of hypertension : model with Dr J Avorn)
New England Epidemiology Institute, Boston	Summer programmes		Use of health administrative surveys in epidemiology, modern epidemiology, statistical methods for survival data analysis
University of Paris	Habilitation to supervise research	1991	Process research on internationalization of pharmaceutical regulation (inter country comparison of various national regulatory changes) in a team of the New Public Management ( lead by Pettigrew at Warwick Business School)
EHESS ( Hautes Etudes en Sciences Sociales), Paris	PhD	1986	Political Economy and Business (two doctoral programmes : political economy (EHESS) and ESSEC (Business)
College of Europe, Bruges, Belgium	Postgrad certificate	1981	European affairs, economics
ESSEC Business school	MBA	1980	Major: Micro, statistics, finances and economics,

## TEACHING ACTIVITIES

### COURSES

- Strategy
- International law

### POSITIONS

INSTITUTION AND LOCATION	RESPONSIBILITIES	DATE
Professor University Aix Marseille and invited professor University of Luxembourg	<p><b>2012-2014:</b> Workshops on economics of National Health systems in the context of advanced genomic sciences. Doctoral seminar on the case of metabolomic network and their interest for individualized medicine. University of Luxembourg</p> <p>Independent expert on Public Private Partnership on hospital financing- Working group for the European Commission- DG Sanco (November2013-February2014)</p> <p><b>2006-2012:</b> Strategic development of interfaculty and interdisciplinary seminars in preparation of the strategic merger of Aix Marseille University (2012), Fastvac project with the Netherlands Vaccin Institute (2009-2012).</p>	2002-current

	<p>Teaching services in social science doctoral school at IAE Aix en Provence and faculty of economics and business at University Aix Marseille, PhD and master research students seminars : judgment analysis (applic in medicine, political and social sciences), behavioral decision models, contingent valuation methods and conjoint analysis, stated-revealed models, new theories of the firm including emerging theories in transaction cost politics, hidden connections and comparison of social and biological networks, neuroeconomics, research methods. For undergraduate students: health economics, analysis of medical markets and health systems, social security systems and European policy. Master level: industry analysis (case studies), strategy and decision.</p> <p><b>2002-2005:</b> posted at IAE-University Paul Cezanne (Aix), following the national aggregation competitive examination for full professorship. Master programmes: strategy and decision, competition policies, business and government, qualitative research methods,</p>	
<p><b>FOUNDER and CEO of ENDEPUSresearchinc</b>  <a href="http://www.endepusresearchinc.com">www.endepusresearchinc.com</a>  ), Health care technology startup: research and development organization (Virtual Development Center) for cost sensitivity</p>	<p>Patent filed in 2004 in business method and system under US examination in the USA since 2009 – also filed in Europe (EPO), Japan and Canada. Grant preparation and angel funding for small business innovation research in medical economics. Prototypical developments in Europe, North America and South East Asia for customization of decision tools. Methodological improvements to the statistical agenda of OECD-Eurostat health experts for financing tables in National Health accounts interested countries in disease price indexes.</p> <p>Private Research with Harvard University (Harvard Medical school, chronic disease modeling on NAMCS CDC datasets). Research collaboration with Partners- Boston. Statistical steps with clinicians and research computer science laboratory. Disease predictive modeling for chronic diseases on insurance economics and drug utilization. California Medical Association Grant in 2005, commissioned paper by University of Connecticut, Business school (2007).</p> <p>2005-2008 Research collaboration with Professor McFadden (UC Berkeley - Virtual economic laboratory - project on internet research: systematic biases associated to mode of administrations of patient questionnaires (AARP funded project) – research areas on stated and reveal preference modeling questions and choice models for disease econometric applications</p> <p>Business Relationship with two US companies (NDAs signed in 2009) for proposals in the research space of technology platforms in translation medicine and personalized medicine and Research with Strategic Medicine (Philadelphia) and Follow on Biologics with Thomson Reuters (2009-2013).</p>	2004-current
<p><b>ENDEPresearchgroup-lux.org research director</b> (1994-current) - European Network of Drug European and health Policies research consortium, Luxemburg  <a href="http://www.endeplux.org">www.endeplux.org</a>.</p>	<p>Prof Christine Huttin was founder and European <b>scientific coordinator</b> for European Union research directorate (research protocols, budgets, management of six research teams, steering committees, legal negotiations with subcontractors, interfaces with European Commission, and representation in Gastein European Health Forums. Since 2006, member of the Health System Working Party (EU DG SANCO Health-Luxemburg). Links with EUPHA for European Network of Drug European Policies till 2008. Agreement with WHO-Pharmaceutical technology-Copenhagen for a link with the WHO collaborative Center for Drug Statistics Methodology. Norwegian Institute of Public Health. Oslo, renewed in august 2010.</p>	1994 2010  Still pending for soparfi and non profit NGO (asbl) in Luxembourg
<p>University of Paris X, associate professor 2002-1990; assistant professor 1988-1990  CNRS associated researcher  THEMA laboratory in theoretical and empirical economics  Contract theory  Association with the Chair of insurance</p>	<p>TEACHING EXPERIENCE in strategy and competition/industry analysis, international business, business economics, micro-economics, market research and consumer behavior.</p>	1988-2002
<p>Tel Aviv Business school  associate professor</p>	<p>Project management in pharmaceuticals and life science ( Israel and Palestinian territories)</p>	1995-1997

	Managerial economics Business games	
Harvard University Takemi programme in International Health	Research and mid-career training	1995 1996
Hong Kong University of Science and Technology, lecturer economic department	Member of the founding team of the HKUST Business school	1992-1993
European Commission, Directorate for Industrial affairs Technical advisor pricing and economic affairs Pharmaceutical division	Assessment of the price transparency directive for medicines, internal notes for the Commissioner Bangeman's Cabinet on medicine markets; preparation of internal documents for the creation of the European agency for medicines and first ICH international meeting	1990 1991
Berkeley Roundtable for International Economy Berkeley University (Fullbright scholar)	Research project on international competition on pharmaceuticals	1990
Credit National National Investment Bank ( affiliated to the French Treasury)	Economist for the service sectors Engineering of leisure parks	1987-1988
French Treasury, forecasting division And association with econometric lab from Ecole Polytechnique	(postdoc for application of management control system) Member of interministerial group for liberalization of prices in France (Ordonnances of 1986) , in charge of pharmaceutical pricing legislation	1986-1987

## HONNORS

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- 1989: *price of the Young economist competition, Budapest meeting European Association for Industrial economists*
- 1990: *Fullbright award from the American-French commission*
- 1991 : *Fellowship from the Belgian University Foundation (One Year)*
- 2000-2001 *Award from the France Berkeley fund on comparative experience of private and public health insurance in the USA and Europe*
- 1994-2002 *scientific coordinator for the European Research Directorate, European commission*
- 2005-2011 *European Public Health association link with endeplux, Luxembourg*
- 2005-current *association with the Collaborative center from WHO on drug statistics, Oslo*
- 2012-current : *Guest editor for the Technology and Health care Journal, los Press, Zurich for economic section*

## RESEARCH ACTIVITIES / PUBLICATIONS

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### BOOKS

- Huttin C. *Economics of Pharmaceuticals, Constraints and Challenges of a Market.* Publisher: "La Documentation Française" September 1989.
- Huttin C., Bosanquet N. (coeditors) *The prescription Drug Market, International Perspectives and Challenges for the Future,* North Holland, Advanced Series in Management, June 17th 1992. Includes: C.Huttin "More competition or regulation in the US pharmaceutical market: lessons for Europe".
- Tarondeau JC, Huttin C: *Dictionnaire de stratégie,* Vuibert, 2001, second édition 2006.
- Huttin C: (editor and contributor) *The impact of globalization in biopharmaceuticals,* los Press,

2003.

- Huttin C: (editor and contributor) *Patient charges and physicians and patients decision making process*, ENDEP/Biomed project, los Press, 2003.

**RECENT PAPERS WITH REFEREES and recent contributions conferences (some publications still scheduled have been part of prototype development for a patent under examination)**

- Huttin C A RUM model on physicians' choice sets and health care financing systems- European Society for Medical Decision Making meeting, Antwerpen, June 8-10, 2014 (forthcoming paper).
- Huttin C . Physicians 'attributes and reversed conjoint analysis. *Value in Health*, Vol 17, N.3, A191, May 2014
- Huttin C. The application of a Reversed Conjoint Analysis on Physicians 'Cost Sensitivity, A Response to Professor J Hausman on Contingent Valuation. Contribution from a Stated Preference Study in Health Care Research. *J Pol Sci Pub Aff*, 2014, 2:1.
- Huttin C; Perspectives of biologists, epidemiologists and geneticists'controversies in sciences and health systems 'reforms. Communication at Medetel, Luxembourg 2014 (forthcoming publication for minisymposium 2014-2015)
- Huttin C and Stubbs A. A contribution for cost models in biobanking ( book chapter under print 2014)
- Huttin C A Contribution to the Debate on Coherence versus Correspondence: Examples of Incoherencies on Regulated Medical Markets. *Brunswik Newsletter*, November 2013.
- Huttin C. Disease expenditure models and calibration methods on physician surveys (accepted for presentation), Ispor, 18<sup>th</sup> Annual Meeting- *Value Health*, May 2013.
- Feasibility study to integrate implicit and economic information in natural language processing tools. ( Prof Huttin, presentation, Medetel April 2013)
- Ispor, 17<sup>th</sup> Annual international meeting, June 2012, Washington. New concept of PRO on quality indicators for pharmaceutical care; task force on conjoint and review of report, task force on PRO and ePRO.
- Medetel, Luxembourg, April 2012: the economics of biobanking: international cooperation issues for optimization of quality improvement ( Huttin and Liebman- proceedings ISSN:1818-9334)
- Academy Health Seattle, June 2011: Huttin C: Access to drugs and the impact of financials on clinical decision making, public health session, proceedings and under submission.