CV Thomas Rapp

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Office: Université de Paris, LIRAES, 45 rue des Saints Pères 75006 Paris

Work Email: thomas.rapp@u-paris.fr

ORCID: https://orcid.org/0000-0003-0837-9302

Birth: 12.15.1980 in Toulouse, France

Languages: French (native), English (fluent), Spanish (very good level)

Education

2001 Bachelor’s degree Economics Université Toulouse Capitole
2002 Maîtrise Economics Université Toulouse Capitole
2003 Master’s degree Economics Université Paris Dauphine
2007 Ph.D. Economics Université Paris Dauphine
2016 Accreditation to supervise research (HDR) Université Rennes 1

Previous Positions (Pre & Post doctoral)

2002-2003 Research Assistant Economics CEPIII
2006-2007 Research and Teaching Assistant Economics Université Paris Dauphine
2007-2009 Postdoctoral Fellow Health Economics University of Maryland
2009-2010 Researcher Health Economics INSERM – CHU Toulouse – TSE
2015-2016 Harkness Fellow Health Economics Harvard University
2017-2019 Health Economist Health Policy OECD Health Division

Current Appointments

2010- Associate Professor Economics Université de Paris
(Maître de conférences hors classe)
2021- Co-director of the Health Policy Research Program Sciences Po Paris

Invited research stays (month/year)
07/15-08/16  Harkness fellow (12 months), Harvard University (USA)
04/17, 07/20  Visiting Scholar, Columbia University (USA)
05/17, 10/19  Visiting Professor, Catholic University of Rome (Italy)

**Editorial Activities**

2016-     Associate Editor             Value in Health Journal

**Reviewer (past and present)**


**Other Editorial Roles**

2010     Guest Editor for a special issue on the health economics of dementia             Journal of Nutrition, Health, and Aging

2021     Guest Editor for a special issue on Artificial Intelligence for Healthcare Decision Making             Value in Health

**Publications**

**Peer-reviewed journals publications**


20. Sirven, N., Rapp, T., Correti, S., Ruggeri, M, Chicchetti, A. (2017), Preventing frailty and autonomy loss in Europe: A health economics perspective from the SPRINTT study, Aging Clinical and Experimental Research, Special Issue on frailty


34. Roquebert, Q., Sicsic, J., Rapp, T. (2021), Health measures and long-term care use in the European frail population, Accepted for publication, European Journal of Health Economics.


36. McHugh, J. Rapp, T. Motamasur, S., Mor, V. (2021). Higher Hospital Referral Concentration Associated with Lower Risk Patients in Skilled Nursing Facilities. Accepted for publication, Health Services Research.

Other publications


Book Chapters


**Economic Guidelines and Reports**


Conference abstracts published in peer-reviewed journals


Other Professional Positions

<table>
<thead>
<tr>
<th>Year</th>
<th>Position</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2009</td>
<td>Scientific Committee</td>
<td>Fondact</td>
</tr>
<tr>
<td>2010-2012</td>
<td>Scientific Committee - MEMENTO cohort</td>
<td>Fondation Plan Alzheimer</td>
</tr>
<tr>
<td>2010-2012</td>
<td>Strategic Committee for Health Care Industries</td>
<td>French Ministry of Industry</td>
</tr>
<tr>
<td>2011-2013</td>
<td>Scientific Committee for telemedicine HTA methodological guidelines</td>
<td>Haute Autorité de Santé (HAS)</td>
</tr>
<tr>
<td>2011-2015</td>
<td>National University Council (Economics Section: 05)</td>
<td>French Ministry of Research</td>
</tr>
<tr>
<td>2011-2015</td>
<td>Scientific Board</td>
<td>France Alzheimer Association</td>
</tr>
<tr>
<td>2011-2016</td>
<td>Permanent Scientific Advisory Board</td>
<td>Janssen Pharmaceuticals</td>
</tr>
<tr>
<td>2016-</td>
<td>Scientific Board – MEMENTO Cohort</td>
<td>French Alzheimer Plan</td>
</tr>
</tbody>
</table>
2011- Scientific Committee for the Evaluation of the PATHOS and AGGIR pricing Tools
French Ministry of Health

Major Administrative Leadership Positions

Local/French

2010-2012  LIRAES research seminar organizer  Université de Paris
2011-2015  Director of undergraduate studies in economics and management (1st year)  Université de Paris
2011-2016  Adjunct Director of the Interdisciplinary Laboratory for Applied Research in Health Economics (LIRAES EA4470)  Université de Paris & Sorbonne Paris Cité
2012-  Scientific Council Member  Université de Paris
2014-  Director of the endowed Chair “Health Economics and Aging”  Fondation Paris Descartes
2016-  Academic Council Member  Université de Paris

International

2015-2018  Director of the Master’s degree in Health Economics  Paris Sorbonne University Abu Dhabi

Committee Service

Local/French

2012  Recruitment Committee Assistant Professor in Economics  Université de Paris Vice-Chair
2010-2015  Academic Review Board  Université de Paris Chair 1st year undergraduate students in economics
2014-2015  “Library Project” Task force  Université de Paris Member
2019  Recruitment Committee Assistant Professor in Law  Université de Paris Reviewer

National/French

2009  Case Management Seminar  Foundation Plan Alzheimer Coordinator
2011  Recruitment Committee Assistant Professor in Management  Université de Toulon Referee
2011-2015  National Promotion Campaign Assistant Professors in Economics  National University Council Referee
International

2013 Recruitment Committee Paris Sorbonne University Abu Dhabi
Assistant Professor in Economics Referee

Professional Societies

2003- French Economics Association Member
2007- International Society for Pharmaceutical and Outcomes Research Member
2009- French Health Economist Association Member
2015- Academy Health Member

Grant Review Activities

2011-2015 Social and Human Sciences Section France Alzheimer Association (Paris)
Social sciences grants (€150,000/year) Permanent Member
(Health economics)

2014-2017 Social and Human Sciences Section GIS-IReSP (Paris)
Handicap and autonomy loss grants Permanent Board Member
(€950,000/year) (Health economics)

2017 Labor and innovation French National Research Agency
2017 Grant call (Paris) (ANR) Expert/reviewer
(Health economics)

2017 Health economics and health insurance Al Jalila Foundation Research Center
Seed Grant call (Dubai) Expert/reviewer (Health economics)
(AED 14 million)

Scholarships, Fellowships, Awards

2003-2006 Ph.D. Scholarship French Ministry of Research Research
2007-2009 Postdoctoral University of Maryland Research Fellowship
2009 Research Fellowship Fondation JJ Laffont – Research
Toulouse School of Economics
<table>
<thead>
<tr>
<th>Year</th>
<th>Award Description</th>
<th>Funding Body</th>
<th>Research Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2015</td>
<td>Award for Scientific Excellence (PES)</td>
<td>French Ministry of Research</td>
<td>Research</td>
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<td>2015-2016</td>
<td>Harkness Fellowship</td>
<td>The CommonWealth Fund of New York</td>
<td>Research</td>
</tr>
<tr>
<td>2015-2016</td>
<td>Award for research leave and thematic conversion (CRCT)</td>
<td>French National University Council (CNU 05)</td>
<td>Research</td>
</tr>
<tr>
<td>2015-2019</td>
<td>Award for mentoring and research (PEDR)</td>
<td>French National University Council (CNU 05)</td>
<td>Research</td>
</tr>
<tr>
<td>2017</td>
<td>Full professor qualification</td>
<td>French National University Council (CNU 05)</td>
<td>Research</td>
</tr>
<tr>
<td>2019-2023</td>
<td>Award for mentoring and research (PEDR)</td>
<td>French National University Council (CNU 05)</td>
<td>Research</td>
</tr>
<tr>
<td>2020</td>
<td>Promotion to the “Hors classe” grade</td>
<td>French National University Council (CNU 05)</td>
<td>Research</td>
</tr>
</tbody>
</table>

**Funding Information**

**Past**

- **2010-2011** Resource use and associated costs of a multi-component specific care and assistance plan in Alzheimer’s disease
  - Janssen Alzheimer Immunotherapy - individual research project PI (€29,000)
  - The main objective was to explore the clinical and social determinants of Alzheimer’s disease costs

- **2011-2012** The contribution of Health Care Industries to economic growth
  - LEEM co-PI (€71,760), with D. Ferrand, COE-REXECODE Institute
  - The main objective was to measure how changes in the business model and production organization impact the French economic growth.

- **2012-2013** The cost of dependence on others in Alzheimer’s disease
  - Janssen Alzheimer Immunotherapy - individual research project PI (€33,000)
  - The main objective was to explore the correlation between dependence on others and informal caregivers’ burden, informal care time consumption, and care expenditures.

- **2013-2015** Endocrinologist visits for French type II diabetes patients
  - Foundation MGEN for Public Health Research co-PI (18-mth salary for a postdoc fellow at MGEN, co-mentored with Dr. Sevilla-Dedieu)
  - Our objective is to explore the determinants of inequalities in access to specialists in a French population of type II diabetes patients.
2015-2018 Improving detection and access to care for frail elderly people in France
Caisse Nationale d’Assurance Vieillesse
Co-PI with Nicolas Sirven (€192,000)
Objective: develop a quantitative assessment of public measures to improve frail elders’ access to care

2014-2020 Sarcopenia and physical frailty in older people: multi-component treatment strategies
Innovative Medicines Initiative (IMI), European Commission
co-PI: leader of the health economics work package (PI Prof. Bernabei)
Work package objectives: explore the economic consequences of frailty in Europe, and evaluate the cost-effectiveness of the SPRINT-T intervention.
http://www.imi.europa.eu/content/sprintt

Current

2015- Economic impact of HAS guidelines adherence for French type II diabetes patients
Foundation MGEN for Public Health Research
co-PI (18-mth salary for a postdoc fellow at MGEN, co-mentored with Dr. Sevilla-Dedieu)
Our objective is to explore the impact of good adherence to HAS’ guidelines for diabetes follow-up on various economic outcomes.

2020-2022 Exploring the impact of LTC reforms on disability risks in Europe
ANR-18-IDEX-0001 Université de Paris 2019
Co-PI with M. Avendano (Kings’ College London)

The main objective of this project is to explore how governments’ policies in social care can contribute to shape older people’s frailty trajectories. Specifically, we explore the impact of publicly financed home-based long-term care services on older people’s risks of becoming frail. Specific objectives include: (i) developing a novel, harmonised database of legislation characteristics and eligibility rules for publicly provided LTC (in-cash or in-kind) in European countries and in the UK, covering reforms between 2004 and 2017, (ii), compare trajectories of frailty between the United Kingdom and Europe between 2004 and 2017; (iii) applying new methods to examine the causal impact of LTC legislation on frailty in the UK and Europe.

2020-2025 Brain cIoT persOnalized therapeutic Strategies for sTroke Emergent Reperfusion (BOOSTER) RECHERCHE HOSPITALO-UNIVERSITAIRE EN SANTE (RHU-ANR)
PI: Professor Mikael Mazighi
Associated researcher (health economics analyses) with L Rochaix and JC Dupont (Hospinnomics)
BOOSTER aims at developing an innovative personalized management with patient stratification according to clot profile, in order to implement novel individualized reperfusion therapies considering efficacy and safety for an optimal patient treatment response. Objective of our WP: to explore the economic impact of a “portable connected laboratory”, which uses a diagnostic algorithm with thrombosis biomarkers.
# Teaching of Students in Courses

## Past

<table>
<thead>
<tr>
<th>Year</th>
<th>Course</th>
<th>Institution</th>
<th>Students</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-2007</td>
<td>Microeconomics</td>
<td>Université Paris Dauphine</td>
<td>1st year economics students</td>
<td>64h</td>
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<tr>
<td>2007-2008</td>
<td>Health Economics</td>
<td>University of Maryland</td>
<td>Teaching fellow for Prof. C. Daniel Mullins</td>
<td>24h</td>
</tr>
<tr>
<td>2008-2009</td>
<td>Econometrics</td>
<td>University of Maryland</td>
<td>Computer lab assistant for Prof. Mullins, course for F.D.A. professionals</td>
<td>6h</td>
</tr>
<tr>
<td>2009-2010</td>
<td>Health Economics</td>
<td>Université Toulouse Paul Sabatier</td>
<td>2nd year master in public health students</td>
<td>24h</td>
</tr>
<tr>
<td>2009-2010</td>
<td>International Economics</td>
<td>Université Toulouse Capitole</td>
<td>2nd year master’s degree economics students</td>
<td>24h</td>
</tr>
<tr>
<td>2010-2011</td>
<td>Economic Evaluation of Public Policies</td>
<td>Université de Paris</td>
<td>1st year master’s degree economics students</td>
<td>24h</td>
</tr>
<tr>
<td>2010-2015</td>
<td>Microeconomics</td>
<td>Université de Paris</td>
<td>1st year undergraduate economics students</td>
<td>24h</td>
</tr>
<tr>
<td>2016-2020</td>
<td>International Economics</td>
<td>Université de Paris</td>
<td>1st year master’s degree students</td>
<td>36h</td>
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<tr>
<td>2019-2020</td>
<td>Introduction to Econometrics</td>
<td>Université de Paris</td>
<td>3rd year bachelor’s degree students</td>
<td>24h</td>
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</table>

## Current

<table>
<thead>
<tr>
<th>Year</th>
<th>Course</th>
<th>Institution</th>
<th>Students</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-</td>
<td>Theory and Modeling in Finance</td>
<td>Université de Paris</td>
<td>1st year master’s degree economics students</td>
<td>24h</td>
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<tr>
<td>2010-</td>
<td>Health Economics</td>
<td>Université de Paris</td>
<td>2nd year master’s degree economics students</td>
<td>43h</td>
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<tr>
<td>2012-</td>
<td>Financial Econometrics</td>
<td>Université de Paris</td>
<td>2nd year master’s degree law students</td>
<td>24h</td>
</tr>
<tr>
<td>2012-</td>
<td>Dissertation I</td>
<td>Université de Paris</td>
<td>1st year master’s degree economics students</td>
<td>36h</td>
</tr>
<tr>
<td>2012-</td>
<td>Dissertation II</td>
<td>Université de Paris</td>
<td>1st and 2nd year master’s degree students</td>
<td>24h</td>
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</tbody>
</table>
Postdoc mentoring

2013-2015 Dr. Luiz Andrade (now researcher at ESSEC Chaire Santé) Co-mentoring (50%) with C. Sevilla-Dedieu
2014-2015 Dr. Yves Arrighi (now Assistant professor at Université Lille 3) Co-mentoring (50%) with N. Sirven
2016-2017 Dr. Magali Dumontet (now Assistant Professor at Université Paris 10 Nanterre) Co-mentoring (50%) with N. Sirven
2016-2017 Dr. Clémence Bussière (now Assistant Professor at Université de Bourgogne) Co-mentoring (33%) with N. Sirven and C. Sevilla-Dedieu
2016-2018 Dr. Bastian Ravejstein (now researcher at Harvard Health Care Policy Center and IZA) Full mentoring (100%)
2017-2019 Dr. Jonathan Sicsic (now Assistant Professor at Université de Paris) Full mentoring (100%)
2018-2019 Dr. Quitterie Roquebert (now Assistant Professor at Université Strasbourg) Co-mentoring (50%) with J Sicsic
2018-2020 Dr. Rosalind Bell-Aldeghi Co-mentoring (33%) with P Chauvin and C. Sevilla-Dedieu
2019-2020 Dr Jérôme Ronchetti (now Assistant Professor at Université de Lyon) Co-mentoring (50%) with J Sicsic

PhD Committees participation

2019 Michael Mounié, Université Toulouse Paul Sabatier
2021 Jean-Baptiste Brière, Aix Marseille Université
2021 Arnaud Pagès, Université Toulouse Paul Sabatier

Other Research Supervisory and Training Responsibilities

2010-2017 Mentor, Public Health International Network Mentorship Program (PHIN-EHESP) Occasional mentorship of 2nd year master’s degree students

Invited Courses

National
2010-2011 Health Economics (in English)
Master of Public Health (Reid Hall)
Ecole des Hautes Etudes en Santé Publique, invited lecture (10h)

2010-2011 Health Economics
Master of Public Affairs
Sciences Po Paris, invited lecture for Prof. M Bellanger (6h)

2016-2017 Modeling the care demand of elderly people (in English)
Master of Public Health
Ecole des Hautes Etudes en Santé Publique, invited lecture (8h)

International
2012-2013 Financial Markets / full course (in English)
Master Banking and Finance (2nd year)
Paris Sorbonne University Abu Dhabi, invited lecture (30h)

2011-2015 International Economics / full course
Bachelor’s degree in economics (3rd year)
Paris Sorbonne University Abu Dhabi, invited lecture (30h)

2011- Theory and Modeling in Finance / full course (in English)
Master Banking and Finance (1st year)
Paris Sorbonne University Abu Dhabi, invited lecture (30h)

2016- Health Economics / full course (in English)
Master in Health Economics (2nd year)
Paris Sorbonne University Abu Dhabi, invited lecture (30h)

2016- Pharmacoeconomics and HTA / full course (in English)
Master in Health Economics (2nd year)
Catholic University of Rome, invited lecture (20h)

Invited presentations

National / French
2006 Investment in pension funds in France/Plenary Talk
Pension research seminar (Caisse des Dépôts et des Consignations), Bordeaux

2009 Public financial support receipt and non medical resource utilisation/Plenary Talk
Epidemiological and Health Economic (INRA-TSE-IDEI), Toulouse

2010 Factors influencing the cost of Alzheimer’s disease/Plenary Talk
Research seminar (Ecole des Hautes Etudes en Santé publique EHESP), Rennes

2010 The economics of Alzheimer’s disease/Plenary Talk
7th French Symposium of Alzheimer's Care Units, Paris

2011 Evaluating the cost-effectiveness of telemedicine/Plenary Talk
Symposium on Telemedicine (Chaire Santé Sciences Po), Paris

2011 Evaluating the economic impact of Alzheimer’s drugs/Plenary Talk
IFIS seminar (IFIS), Paris

2011 New markets opportunities for pharmaceutical innovations/Plenary Talk
INNOV’TECH SANTE Forum E-Santé les Echos (Les Echos), Paris
2013 Evaluating public policies for dependent elderly people/Plenary Talk
Université d’été Alzheimer (APHP), Science Po Lille

2014 Diagnosis decisions in Alzheimer’s disease: influence of family factors/Plenary Talk
Seminar on economics and ethics (APHP), Paris

2014 Health economics and health policy issues in frailty/Plenary Talk
Frailty Workshop, CHU Toulouse

2014 The economic consequences of informal care provision for Alzheimer’s patients/
RoundTables
France Alzheimer’s Association Annual Meeting (Paris)

2015 Are public subsidies effective to reduce hospital use of dependent people? Evidence from
the PLASA experiment
MODAPA Seminar Université Paris 1 Sorbonne & Paris School of Economics (PSE)

2015 Care pathways of depressed people in Europe
Fondation FondaMental Conference series on the economics of mental health international
perspectives – Paris

2017 Les conséquences économiques de la fragilité
Congrès national de la fragilité, Paris.

2020 Impact des soins professionnels de longue durée sur le recours à l'aide familiale en Europe
Séminaire du LIEPP, Sciences Po Paris

2021 Does (inappropriate) medication spending increase nursing home residents’ emergency
room visits? Evidence from the IDEM study, CRIEF research seminar Université de Poitier.

International

2008 Trends in disparities in oncologist visits – Evidence from SEER-Medicare data
Pharmaceutical and health services research seminar, University of Maryland, Baltimore

2011 Endogeneity problems in cost of illness analyses/Plenary Talk
6th International PharmacoEconomic Conference in Alzheimer’s disease, London

2015 Are Public Subsidies Effective to Reduce Emergency Care Use of Alzheimer’s Disease
Patients?
7th International PharmacoEconomic Conference in Alzheimer’s disease, Boston

2016 Long-Term Services and Supports for disabled elders: the impact of health policies.
Research seminar, The Dartmouth Institute, Hanover

2016 Rebalancing Medicaid Long-Term Services and Supports: an effective health policy
program? Harvard Health Policy Seminar, Boston
2016  Impact of State Medicaid Generosity for Home- and Community-Based Services on Nursing Home Entry, Research Seminar, Robert N. Butler Columbia Aging Center, Columbia University, New York.

2017  Recent findings about the management of frailty and sarcopenia in the elderly population Second Tuesday" Seminar Series, ALTEMS, Catholic University of the Sacred Heart, Rome

2017  The health economics of frailty & sarcopenia: recent findings from the SPRINTT project Health economics workshop, HTAi annual conference, Roma.

2018  The cost of Alzheimer’s disease in France, 8th IPECAD.

2018  Twenty Years of Ageing Policies in OECD countries (Roundtable), Harkness Fellowships 20th Anniversary Celebration, CommonWealth Fund, De Were Wotton House (UK)


Non-invited talks at conferences & seminars

2006: Economic Association Annual Conference (Paris), Université Paris Dauphine Graduate Student Seminar (Paris).


2009: 14th International Society Pharmaceutical Outcomes Research (Orlando), French Finance Association Meeting (Brest), France Alzheimer Annual Meeting (Toulouse).

2010: 15th World Symposium of the International Association for the Economics of Participation (Paris), Alzheimer’s unit care national symposium (Montpellier), INSERM Research Seminar (Toulouse),

2011: France Alzheimer Association Annual Meeting (Paris)

2013: 16th Annual European Congress of the International Society Pharmaceutical Outcomes Research (ISPOR) Meeting (Dublin), Social sciences Workshop at Association Médéric Alzheimer (Paris), IRDES research seminar (Paris), Research seminar at Fondation MGEN (Paris)

2014: Frailty workshop IRDES-CNSA-LIRAES (Paris), EHPN graduate seminar – doctoriales (Le Havre), 17th Annual European Congress of the International Society Pharmaceutical Outcomes Research (ISPOR) Meeting (Amsterdam)

2015: AFSE - Economic Association Annual Conference (Rennes)

2016: 6th Biennial Conference of the American Society of Health Economists (Philadelphia)

2020: French Health Economist Association Annual Meeting (Brussels)

**Organization of workshops, seminars, and conferences**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Organiser/Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>International workshop on case management in Alzheimer’s disease</td>
<td>Fondation Plan Alzheimer (Coordinator)</td>
</tr>
<tr>
<td>2010-2012</td>
<td>LIRAES research seminar</td>
<td>Université de Paris (Organiser)</td>
</tr>
<tr>
<td>2014</td>
<td>Frailty workshop</td>
<td>CNSA/IRDES/LIRAES (Member of Scientific Committee)</td>
</tr>
<tr>
<td>2014</td>
<td>Public Health Forum 2014</td>
<td>Sanofi (Member of Scientific Committee)</td>
</tr>
<tr>
<td>2017</td>
<td>HTAi meeting Parallel workshops Frailty and health economics workshop</td>
<td>Université de Paris – Catholic University Rome (Co-organizer)</td>
</tr>
<tr>
<td>2018</td>
<td>7th International Conference on Pharmacoeconomics on Alzheimer's Disease (IPECAD)</td>
<td>Université de Paris – Karolinska Institute – Tufts University (Co-organizer)</td>
</tr>
<tr>
<td>2018</td>
<td>40th annual meeting of French Health Economics Association</td>
<td>Université de Paris (Member of organizing committee)</td>
</tr>
<tr>
<td>2016-2019</td>
<td>Health Economics Seminar EHESS/Descartes</td>
<td>Université de Paris – EHESS (Co-organizer with C LeGalès et N Sirven)</td>
</tr>
</tbody>
</table>
Computing skills
SAS, Stata, R, LaTeX, Bibtex, Microsoft Office, EndNotes, RefWorks, UNIX