

# CURRICULUM VITAE

## ARNAUD DUPUY

(Revised August 2009)

Senior Researcher at Research Centre for  
Education and the Labour Market  
Assistant Professor at the Department of  
Economics

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### PERSONAL

DATE OF BIRTH: August 4, 1974

NATIONALITY: French

MARITAL STATUS: Married, one daughter (Sept. 6, 2005) and one son (Sept. 14, 2008).

### EDUCATION

INSTITUTION	DEGREE	DATE
Grenoble University	MSc. (with Honours)	June, 1997
Maastricht University	Bilingual MSc.	June, 1998
Maastricht University	Ph.D.	March, 2004

TITLE OF DOCTORAL THESIS: Assignment and Substitution in the Labour Market

### PROFESSIONAL EXPERIENCE

#### Academic

##### Present

- 2008- Senior researcher at the Research Centre for Education and the Labour Market, ROA, Maastricht University.
- 2007- Assistant Professor, Department of Economics, Maastricht University.
- 2007- Organizer of the Applied Economics seminars, Maastricht University.
- 2007- Organizer of the Applied Economics lunches, Maastricht University.

##### Past

- 2000-2008 Researcher, ROA, Maastricht University
- 2004 Post-doc: METEOR, The Effects of HRM Practices on Labor Productivity via the Ease to Substitute Skilled and Unskilled Labor.
- 1995-1997 3 internships at the Department of Statistics and Data Analysis (LabSAD),

Grenoble University, France.

### **International visits**

03/09-05/09 Visiting scholar, Yale University, department of economics.  
05/01-07/01 Visiting PhD student, CLS, Aarhus Business School

### **International consultancy and projects**

2008-2009 Eurostat project on Gender pay gap using structure of earnings data  
2008-2009 Consultant for NWO project of Prof. Dr. Jaap Dronkers, University of Amsterdam, on Programming Study Issues on the Educational System Level.  
2007-2008 European Centre for the Development of Vocational Training (CEDEFOP): Project on Labour Market Forecasting.  
2007 Public Policy and Management Institute in Lithuania.  
2004-2005 Consultant for the Ministry of Labour and Social Development of the Russian Federations.

### **FIELDS OF INTEREST**

Assignment models, hedonic prices, Technology, Income and Wage Inequality, Applied Econometrics, Labor Economics

### **GRANTS, AWARDS and SCOLARSHIPS**

Young Talent Invited Lecture, Dies Natalis, Maastricht University	2009
Nomination for the METEOR Excellent Young Scholar Award	2008
Who's who in the world	2008
Nomination for the METEOR Excellent Young Scholar Award	2007
Nomination for the METEOR Excellent Young Scholar Award	2006
Travelling grant	2006
Small Scale Research, On Cultural Integration and the Success of Business Mergers.	2004
Small Scale Research, Age-performance earnings profile.	2004
Post-doc for project: Innovation and Human Resources.	2004
Marie Curie Fellowship.	2001
Erasmus Scholarship	1997-1998

### **FELLOWSHIPS**

METEOR Research Fellow	2007-
IZA Research Fellow	2007-

### **PUBLICATIONS**

#### **Publications in Journals**

10. Estimating employment Dynamics Across Occupations and Sectors of Industry, *Journal of Macroeconomics*, forthcoming, (with Frank Cörvers)

9. How Large is the Compensating Wage Differential for R&D Workers? (2010), *Economics of Innovation and New Technology*, conditional acceptance, (with Wendy Smits)
8. International Differences in the Family Gap in Pay: The Role of Labor Market Institutions. (2009), *Applied Economics*, forthcoming, (with Daniel Fernandez-Kranz)
7. The Nature of Occupational Unemployment Rates in the United States: Hysteresis or Structural? (2009), *Applied Economics*, forthcoming, (with Bertrand Candelon and Luis Gil-Alana)
6. The Assignment of Workers to Tasks, Wage Distribution and Technical Change: A Critical Review (2008), *Journal of Income Distribution*, vol. 17 (3-4), pp. 12-36.
5. Shifts and Twists in the Relative Productivity of Skilled Workers (2008), *Journal of Macroeconomics*, vol. 30 (2), pp. 715-38. (with Philip Marey)
4. Will the Skill-Premium in the Netherlands Rise the Next Decades? (2007), *Applied Economics*, 39, pp. 2723-31.
3. Hicks Neutral Technical Change Revisited: CES Production Function and Information of General Order (2006), *Topics in Macroeconomics*, 6, Article 2.
2. Elasticity of Substitution and Productivity, Capital and Skill Intensity Differences Across Firms (2006), *Economics Letters*, 90, pp. 340-7 (with Andries de Grip)
1. Supply and Demand, Allocation and Wage Inequality: An International Comparison (2005), *Applied Economics*, 37, pp. 1073-88. (with L. Borghans)

### **Books**

*Assignment and Substitution in the Labour Market*, ROA Dissertation Series, No. 4, 2004.

### **Revise and resubmit**

### **Under review**

*A Microfoundation for Production Functions: Assignment of Heterogenous Workers to Heterogenous Jobs* IZA working paper No. 3311.

*Educational Self-selection, Tasks Assignment and Rising Wage Inequality*, IZA working paper No. 3154

*Sorting on preferences and productivity: Tinbergen (1956) meets Sattinger (1975)*

*The evolution of the gender pay gap: lessons from track and field athletics*

## **Publications in Dutch**

*Hoe aantrekkelijk zijn O&O functies als startersbaan?*, 2009, In Technotopics: Essays over onderwijs en arbeidsmarkt voor bètatechnici.

*Welke prijs willen bètatechnici betalen voor een baan in Onderzoek & Ontwikkeling?*, 2008, In Technotopics: Essays over onderwijs en arbeidsmarkt voor bètatechnici. (with W. Smits)

*Wat doen ingenieurs en wat verdienen ze ermee?*, 2007, In Technotopics: Essays over onderwijs en arbeidsmarkt voor bètatechnici. (with P. Marey)

*De Arbeidsmarkt naar Opleiding en Beroep tot 2010*, ROA report series, ROA-R-2005. (with L. Borghans, F.Cörvers, B. Golsteyn, H. Heijke, B. Kriechel, P. Marey and R. Montizaan)

*Arbeidsmarktperspectief voor laagopgeleiden ongunstig*, Economisch Statistische Berichten (ESB), 29 October 2004, pp. 524-6. (with F. Cörvers, S. Dijkman, B. Golsteyn and M. Hansen)

*Methodiek arbeidsmarktprognoses en indicatoren 2003-2008*, ROA Working paper series, nr. ROA-W-2004/2. (with F. Cörvers, S. Dijkman, B. Golsteyn en M. Hensen)

*De Arbeidsmarkt naar Opleiding en Beroep tot 2008*, ROA report series, ROA-R-2003/11. (with L. Borghans, F.Cörvers, P. van Eijs, B. Golsteyn, M. Hensen, B. Kriechel and J. van Loo)

*Te Weinig Kenniswerkers*, Economisch Statistische Berichten (ESB), 28 June 2002, pp. 516-518. (with P. Marey, B.J. Diephuis, S. Dijkman, B. Golsteyn)

## **CONFERENCE AND SEMINAR PRESENTATIONS**

### **Conferences**

North American Winter Meeting, 2010, Atlanta GA.

European Association of Labour Economists, 2009 in Tallinn.

Society of Labor Economists, 2008 in New York City, NY.

American Economic Association, 2008 in New Orleans, LA.

Workshop on Labour Market Dynamic Growth 2007, Sønderborg.

Society of Labor Economists, 2007 in Chicago, IL.

CES Conference, 2006, Eltville.

North American Summer Meeting of the Econometric Society, 2006 in Minneapolis, MN.

Society of Labor Economists, 2006 in Cambridge, MA.

Workshop on Wage Growth and Mobility, 2006 in Mannheim.

9<sup>th</sup> World Congress of the Econometric Society, 2005 in London.

North American Summer Meeting of the Econometric Society, 2004 in Providence, RI.

European Economic Association, 2004 in Madrid.

Applied Econometrics Association European Meetings, 2004 in Mons. (Econometrics of Labour Demand).

European Association of Labour Economists, 2004 in Lisbon.  
European Association of Labour Economists, 2003 in Sevilla.  
Modelling labour market: realities and prospects, 2003 in Athens.  
Netherlands Network of Economics Research Day, 2003 in Amsterdam.  
European Association of Labour Economists, 2002 in Paris.  
European Association of Labour Economists, 2001 in Jyväskylä.  
Econometric Society European Meeting, 2001 in Lausanne.  
Netherlands Network of Economics Research Day, 2000 in Amsterdam.  
European Association of Labour Economists, 1999 in Resensburg.

### **Seminars**

CPB, Netherlands Bureau for Economic Policy Analysis, Fall 2009.  
Yale University, Department of Economics, Labor and Population workshop, Spring 2009.  
State University of New York, University at Albany, Spring 2009.  
CPB, Netherlands Bureau for Economic Policy Analysis, Spring 2008.  
ROA, Research Centre for Education and the Labour Market, Maastricht University, 2008.  
IZA Research Seminar, Autumn 2006.  
ROA, Research Centre for Education and the Labour Market, Maastricht University, 2006.  
State University of New York, University at Albany, Spring 2006.  
University of Chicago, Department of Economics, Applied Dynamic Economics & General Equilibrium Theory Workshop, Applications of Economics Workshop, Spring 2006.  
ROA, Research Centre for Education and the Labour Market, Maastricht University, 2005.  
State University of New York, University at Albany, Spring 2004.  
MERIT, Maastricht University, 2004.  
MERIT, Maastricht University, 2003.  
ROA, Research Centre for Education and the Labour Market, Maastricht University, 2002.  
CLS, Centre for Labour Market and Social Research, Aarhus Business School, 2002.  
ROA, Research Centre for Education and the Labour Market, Maastricht University, 2001.  
CLS, Centre for Labour Market and Social Research, Aarhus Business School, 2001.  
ROA, Research Centre for Education and the Labour Market, Maastricht University, 2000.  
ROA, Research Centre for Education and the Labour Market, Maastricht University, 1999.

### **Discussant**

Society of Labor Economists, 2007 in Chicago, IL.  
4th ZEW Conference on the Economics of Information and Communication Technologies, 2004, Mannheim.  
Skills Measurement and Economic Analysis: An international Conference, 2000, Canterbury.

### **REFEREEING**

Econometrica, Journal of Human Resources, Applied Economics, BE Journals in Macroeconomics, CUNY Grants Proposal, Economics of Innovation and New Technology, Empirical Economics, European Journal of Operational Research, Industrial and Corporate Change, Information Economics and Policy, Journal of Economics, Journal of the Japanese and International Economies, Journal of Labor Research, Journal of Productivity Analysis, Labour: Review of Labour Economics and Industrial Relations and Labour Economics.

## PROFESSIONAL SOCIETIES

American Economic Association	2006-
Econometric Society	2004-
Society of Labor Economists	2006-
European Labour Economists Association	1999-
European Economic Association	2001-

## TEACHING EXPERIENCE

### Coordinator

Master Evidence Based Social Policy, Maastricht University	2009
Bachelor Infonomics, ICT, Organization and Income, Maastricht University	2009
Master Human Capital and Social Deprivation, Maastricht University	2009
Bachelor Infonomics, ICT, Organization and Income, Maastricht University	2008
Master Human Capital and Social Deprivation, Maastricht University	2008
Bachelor Infonomics, ICT, Organization and Income, Maastricht University	2007
Master Human Capital and Social Deprivation, Maastricht University	2007
Master Health economics, Maastricht University	2006

### Lectures and tutorials

Master Evidence Based Social Policy, Maastricht University	2009
Bachelor Infonomics, ICT, Organization and Income, Maastricht University	2009
Master Human Capital and Social Deprivation, Maastricht University	2009
Bachelor Infonomics, ICT, Organization and Income, Maastricht University	2008
Graduate Economics, Research Strategies in Labour Economics	2008
Master Human Capital and Social Deprivation, Maastricht University	2008
Bachelor International Economics, Macroeconomics lecture, Maastricht University	2008
Bachelor Infonomics, ICT, Organization and Income, Maastricht University	2007
Master Human Capital and Social Deprivation, Maastricht University	2007
Master Health economics, Maastricht University	2006
Bachelor Health Economics, Maastricht University	2006
Undergraduate European Labour Markets and Welfare States, Maastricht University	2004
Undergraduate Schooling, Jobs and Wages, Maastricht University	2003
Undergraduate Macro-economics, Maastricht University	2002
Undergraduate Schooling, Jobs and Wages, Maastricht University	2001
Undergraduate Macro-economics, Maastricht University	2000
Undergraduate Economics, Maastricht University	1999

## ALUMNI

(Maastricht University unless specified)

## PhDs supervisor

4. Bianca Buligescu, Career interruption and gender pay gap (2007-2011)
3. Treena Wu, Income Shocks, Household Decisions and Children's Educational Attainment (2006-2009)
2. Kätlin Torgo, Impact of Fast Structural Changes on Education in Small Catching-up Economies. Tartu University, Estonia. (2007-2011)
1. Raoul Haenbeukers, Human capital investments (2007-2011)

## Master thesis (co-) supervisor

9. Adrian Bouguen, Pay-as-you-work study loans: microsimulations for European countries (graduated 2009) (supervisor, score 9)
8. Kathlin Torgo, Return to Education in Estonia: An Empirical Study (graduated 2006) (supervisor 8.5)
7. Raoul Haenbeukers, Afschaffen AVV Principe als Wondermiddel voor Laagopgeleiden? (graduated 2006) (supervisor, score 8)
6. Roel Canisuis, Is on-the-job search more effective than off-the-job search in the Netherlands? (graduated 2005) (supervisor, score 8)
5. Walter Botzen, Monetary Policy and asset price bubbles (graduated 2005) (co-supervisor, score 9)
4. Ewa Krasnodebska, Peso problems and the uncovered interest parity failure (graduated 2005) (co-supervisor, score 8.5)
3. Marianne Aarts, Making a life instead of a living (graduated 2005) (co-supervisor, score 7.5)
2. Devy Pieters, Innovation: A costly but valuable investment, Estimating the ideas production function for the EU (graduated 2005) (co-supervisor, score 7.5)
1. Hendrik Heller, An empirical investigation of the effects of resume books on the transition from school to work (graduated 2004) (co-supervisor, score 8)

## LANGUAGES

Language	<i>Speaking</i>	<i>Writing</i>
French	Native	Native
English	Fluent	Fluent
Dutch	Fluent	Good

## COMPUTER SKILLS

Programming	C++, GAUSS, SAS and New S.
Statistics	Stata, Mathematica, SPSS and Minitab.
Others	LaTeX, Scientific Workplace and Microsoft Office.