



## **Mr. Marjan Petreski**

### **Contact**

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1000 Skopje, Macedonia  
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### **Personal data**

Date of birth: **16.09.1982.**  
Nationality/Language: **Macedonian**  
Marital status: **Married, One child**

### **Web profile**

[www.linkedin.com/in/mpetreski](http://www.linkedin.com/in/mpetreski)

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## **RECENT HIGHLIGHTS**

**Applied macroeconomist** – research experience in the Ministry of finance and the Central bank of Macedonia

**Lecturer and consultant** – lecturing macroeconomic modules and quantitative methods; consultant of a few domestic institutes and consultant on several international projects

**Young scientist of the year 2009** – recognition by the Macedonian Academy of Sciences for the publishing record; **The Olga Radzyner Award 2010** – best paper award by The Oesterreichische Nationalbank.

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## **EDUCATION & QUALIFICATIONS**

September 2007 – **PhD candidate in Economics**  
to date **Staffordshire University, UK**

*Expected finish:* PhD-topic: *Monetary-regime switch from exchange-rate targeting to inflation targeting: with reference to developing economies*  
*December 2010*

*Courses: Basic econometrics, Time series analysis, Panel econometrics, Macroeconomic analysis, International Finance*

September 2007 – **Postgraduate Certificate (PGCE) in Research Methods**  
January 2008 **Staffordshire University, UK**

*Courses: Research Skills, Comparative Research Methodology*

October 2006 – **Postgraduate Certificate (PGCE) in European Integration**  
July 2007 International Center for EU Formation - CIFE, Germany

**European Online Academy**

*Courses: History of European Integration; Institutions of EU; European Law; EU in the International System; Macroeconomics of EU; Economic dimension of an enlarged EU*

October 2005 – **Master of Science (MSc) in Banking and Finance**  
October 2006 **The University of Sheffield, UK**

Average grade: **77% - Distinction**

*Courses: Macroeconomics; Banking & Financial System; Banking Theory & Practice; Corporate Finance; Financial analysis; Econometrics; Research Methods*

*Dissertation topic: "Macroeconomic Implications of Exchange Rate Regime: The Case of the Republic of Macedonia"*

October 2001 – September 2005	<b>Bachelor of Science (BSc) in Accounting, Finance and Auditing</b> <b>University „St. Clement Ohridski“ – Bitola, Macedonia</b> Average grade: <b>9,94</b> Courses: <i>Macroeconomics; Applied Economics; Financial Markets &amp; Institutions; Monetary Economics; Investment Management; Bank Management; International Finance; Exchange Rate Policy; Business Statistics; Quantitative Methods</i> Dissertation topic: <i>“Assessment and Management of Exchange-Rate Risk”</i>
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## TRAINING & COURSES

02.. March 2010.	University of Manchester <b>Course: <i>Writing methods</i></b> Topics: <i>Writing with quantitative/ qualitative data; Writing for non-academic audience</i>
07.-09. October 2009.	De Nederlandsche Bank <b>Course: <i>Macro Stress-testing</i></b> Topics: <i>Simple sensitivity analysis; Stress testing during financial crisis; Stress testing at DNB; Modelling the credit risk; Liquidity stress testing; Limitations to stress tests</i>
26. - 31. July 2009.	University of Salento (Lecce) - Italy <b>Course: <i>Applied Macroeconometrics in MatLab</i></b> Topics: <i>MatLab interface and matrices; VAR-Analysis of Monetary Policy; State Space Models and the Kalman Filter; Time-Varying VARs; Working with DSGE Models</i>
06.-10. July 2009.	Universitat Pompeu Fabra, Graduate School of Economics - Spain <b>Course: <i>Dynamic panel models and Non-linear panel data models</i></b> Topics: <i>Dynamic linear panel data models; Discrete choice panel data models; Sample selection in panel data models; Censored (tobit) panel data models</i>
09.-13. March 2009.	JTC Economics and Finance - Washington <b>Course: <i>Advanced macroeconomic modelling and forecasting</i></b> Topics: <i>Advanced UR testing; Monte Carlo Simulation; Estimating VECMs with multiple cointegrating vectors; Band-pass filtering; Small simultaneous equation models</i>
07. November 2008.	University of Oxford <b>Course: <i>Meta-regression analysis – Advanced seminar</i></b> Topics: <i>Advanced meta-analysis: modelling and technical issues; Multilevel MRA; Different approaches to MRA; Addressing publication bias.</i>
21. July – 01. August 2008.	Joint Vienna Institute / IMF Institute <b>Course: <i>Macroeconomic forecasting</i></b> Topics: <i>Data and model properties (unit roots and cointegration); Dynamic specification (VAR and VECM); Model evaluation and model design; Forecasting</i>
07. – 11. April 2008.	University of Oxford - Nuffield College / Easter School of Econometrics <b>Course: <i>Econometric model selection</i></b> Topics: <i>Causation, General-to-specific model selection, OxMetrics: Vector error correction model and automatic model selection</i>
09. – 20. July 2007.	Joint Vienna Institute / IMF Institute <b>Course: <i>Macroeconomic management and fiscal policy</i></b> Topics: <i>Macroeconomic management: fiscal &amp; monetary policy mix; Fiscal instruments; Fiscal sustainability &amp; rules; Pension systems</i>
26. March – 27. April 2007.	Centre of Excellence in Finance – Slovenia / US Department of the Treasury <b>Course: <i>Essentials of budget execution</i></b> Topics: <i>Systems of budget execution, Executing a budget</i>

23. July – 19. August 2006.	Hessen International Summer University / Johanh Wolfgang Goethe University / University of Applied Sciences - Germany <b>Course: European Central Banking</b> Topics: <i>ECB Institutional Setting and Monetary Policy; Financial markets of EU</i>
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## LANGUAGES & IT-SKILLS

**English** (academic level), **German** and **Greek** (beginner's level), Neighbouring languages

**Documents and data** (MS Word, Excel, PPT), **Statistics and Econometrics** (Excel financial modelling and forecasting; SPSS, MicroFit, E-views, OxMetrics, Stata, JMulti, MSVAR, DDMSVAR); **Basic economic programming** (MatLab; GAUSS); **Other** (Adobe Photoshop, MS Project, Data organizers etc.)

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## EMPLOYMENT

February 2008 – to date	<p><b>University American College – Skopje (UACS)</b> <b>Faculty of Business Economics and Organisational Sciences</b> <i>Lecturer and researcher (full-time as of May 2010)</i></p> <ul style="list-style-type: none"> <li>▪ <i>Teaching: UG: Statistics for business; International economics; MBA &amp; MSc: Research methods; Statistic analysis with SPSS; International finance</i></li> <li>▪ <i>Regular economic research; Academic studies</i></li> </ul> <p><i>Research coordinator (as of September 2010)</i></p> <ul style="list-style-type: none"> <li>▪ <i>Leading the work on the regular economic reports (Report on international trade of Macedonia; UACS Quarterly Outlook; Leading indicator for the Macedonian economy; Business environment index)</i></li> <li>▪ <i>Coordinating applications for domestic and international projects; Forming and motivating teams for work on projects;</i></li> <li>▪ <i>Support of individuals and teams for application of research methodologies and quantitative methods.</i></li> </ul>
January 2009 – February 2010	<p><i>Econometrician</i></p> <p><b>National Bank of the Republic of Macedonia</b> <b>Financial stability and bank regulation Department</b> <b>Financial stability Unit</b></p> <ul style="list-style-type: none"> <li>▪ <i>Modelling credit risk for households and corporate sector;</i></li> <li>▪ <i>Credit-risk modelling within a macroeconomic model;</i></li> <li>▪ <i>Policy papers on current financial-stability and banking issues, Academic studies</i></li> <li>▪ <i>Internal-bank models for assessment of the loan-loss provisions and, hence, stress testing of credit risk</i></li> <li>▪ <i>Quantitative estimation of Panzar-Rosse h-test and Lerner index for the level of competition in the Macedonian banking industry</i></li> <li>▪ <i>Financial-stability assessment and macroeconomic analysis within Financial Stability Report; Bank structure and concentration analysis within the Bank-system Report</i></li> </ul>
December 2006 – January 2009.	<p><i>Economist for Macroeconomic models and forecasting</i></p> <p><b>Ministry of Finance of the Republic of Macedonia</b> <b>Macroeconomic Policy Department</b> <b>Macroeconomic modelling and forecasting Unit</b></p>

- *Time series analysis and econometric modelling, Policy papers on current macroeconomic issues, Academic studies*
- *Forecasting macroeconomic variables (GDP, private consumption, wages, employment, trade, BoP)*
- *Seasonal effects and adjustments; Filters for estimating potential output*
- *Analysis of real sector: GDP (income and expenditure side), Total factor productivity, Composite indicators for forecasting the business cycle*
- *Responsible for preparation of the Quarterly economic report*
- *Participation in preparation of strategic economic documents: Annual Report, Pre-accession economic program, National Development Plan*

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## CONSULTANCY

January 2010 – to date	<p><b>Economist</b>  <b>Center of Economic Analyses – CEA membership</b>  Economic Think Tank - Skopje</p> <ul style="list-style-type: none"> <li>▪ <i>Analyses and studies in the area of monetary policy</i></li> </ul>
May – July 2010	<p><b>Economic expert (international trade)</b>  Project of modelling EU-ACP relations in the framework of European Partnership Agreement</p> <ul style="list-style-type: none"> <li>▪ <i>Survey of the literature on EU-ACP trade relations</i></li> <li>▪ <i>Critical analysis of the partial versus general equilibrium modelling of trade relations EU-ACP</i></li> </ul>
January 2010 – to date	<p><b>Trainer and consultant</b>  <b>CS Global – Training centre</b></p> <ul style="list-style-type: none"> <li>▪ <i>Lecturing Financial intelligence for HR professionals</i></li> </ul>
May 2009 – to date	<p><b>Trainer and consultant</b>  <b>Macedonian Centre of International Cooperation</b></p> <ul style="list-style-type: none"> <li>▪ <i>Lecturing selected issues of Statistics and Econometrics</i></li> <li>▪ <i>Consultancy for preparing reports, surveys, data analysis and management</i></li> </ul>

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## PUBLISHED AND WORKING MATERIAL, CONFERENCES, COLUMNS

### International Journals and book series

1. Petreski, M. (2007) Mergers and acquisitions in banking: The Case of NBG and Stopanska banka. *ICFAI Journal of Mergers and Acquisitions*, 4(2), p.41-56
2. Petreski, M. (2007) Investment and exchange rate regime: Un-puzzling Feldstein-Horioka: The case of Macedonia. *International Journal of Economics*, 1(2), p.101-106.
3. Petreski, M. (2009) Exchange-Rate Regime and Economic Growth: A Review of the Theoretical and Empirical Literature. *Economics Discussion Papers*, No. 2009-31, p.1-19.
4. Petreski, M. (2009) Entry of bank foreign capital in developing economies: Measuring profit and cost efficiency. *The Youth Economists Journal*, 7(13), p.39-45.
5. Petreski, M. (2009) Analysis of Exchange-Rate Regime Effect on Growth: Theoretical Channels and Empirical Evidence with Panel Data. *Economics Discussion Papers*, No. 2009-49, p.1-31.
6. Petreski, M. (2010) Exchange-rate regime and output volatility: Empirical investigation with panel data. *International Journal of Money and Banking*, 3(1), p.69-99.
7. Petreski, M. (2010) Assessing the impact of international accounting standards on firms. *The Accounting*

*World*, March 2010 issue.

8. Petreski, M. (2010) Output volatility in Macedonia: A role for the exchange rate? *The Youth Economists Journal*, 8(14), p.149-165.

#### **National journals and book series**

9. Petreski, M. (2007) Exchange rate regime and export performance of the Republic of Macedonia. *MoF Bulletin*, 4(06), p.62-67.
10. Petreski, M. (2007) Export-led growth hypothesis: Empirical facts for Macedonia. *CEA Journal of Economics*. 2(1), p.33-43.
11. Petreski, M. (2008) Indicative linear model for assessing the forecasting power of MakLead leading composite index for the Republic of Macedonia. *MoF Bulletin*, 5(07), p.55-63.
12. Petreski, M. (2008) To fix or to float from perspective of output volatility and vulnerability to crisis. *CEA Journal of Economics*. 3(1), p.9-24.
13. Holm, M. and Petreski, M. (2008) Forecast evaluation in Macedonia. *MoF Bulletin*, 2(08), p.18-25.
14. Jovanovic, B. and Petreski, M. (2008) Keynesian model of the Republic of Macedonia: Economic logic and behavioural equations. *MoF Bulletin*, 4(08), p.56-65.
15. Petreski, M. (2009) A brief empirics of interest-rate differential in Macedonia. *CEA Journal of Economics*, 4(1), p.5-11.
16. Petreski, M. (2009) A critique on inflation targeting. *CEA Journal of Economics*, 4(2), p.11-25.

#### **International conferences**

17. Mojsoska-Blazevski, N. and Petreski, M. (2007) Inflation and Budget deficits: Empirical facts for Macedonia. *International conference: "Problems in measuring inflation", National Bank of Macedonia, Macedonia, 22 May 2007.*
18. Petreski, M. (2008) Differentiating monetary-policy regimes from exchange-rate regimes. *Annual conference for PhD students, Staffordshire University, UK, 19. December 2007.*
19. Petreski, M. (2008) Dynamic panel estimation of exchange-rate regime effect on growth. *PhD Conference, Staffordshire University, UK, 04. December 2008.*
20. Petreski, M. (2008) Exchange-rate regime and economic growth: Review of theoretical and empirical literature. *Conference on International trade, Staffordshire University, UK, 05. December 2008.*
21. Petreski, M. (2009) Analysis of exchange-rate regime effect on growth: Theoretical channels and empirical evidence with panel data. *Conference on Economic growth, University of Perugia, Italy, 25-27. June 2009.*
22. Petreski, M. (2010) Inflation targeting in developing economies: Evidence from a switching-regression approach. *PhD Conference, Staffordshire University, UK, 24. March 2010.*
23. Petreski, M. (2010) Exchange-rate regimes and output volatility: Empirical investigation with panel data. *The XVth Spring Meeting of Young Economists (SMYE-2010), University of Luxemburg, Luxemburg, 15-17. April 2010.*
24. Mojsoska-Blazevski, N. and Petreski, M. (2010) Macedonian export performance and the potential gains from the EU integration. *5<sup>th</sup> Annual conference – UACS, Skopje, 20. May 2010.*
25. Petreski, M. and Jovanovic, B. (2010) Evaluation of the monetary policy in China through the New Keynesian model. *2010 CES China Conference – China, 19-20. June 2010.*
26. Petreski, M. (2010) Output volatility: Analysis of the role of exchange-rate regime with panel data. *Second Joint OEI/APB Summer Academy on Central and Eastern Europe, Osteuropa-Institut Regensburg, Germany, 14-16. July 2010.*

#### **National conferences**

27. Mojsoska-Blazevski, N. and Petreski, M. (2008) Truths and myths about economic growth: A cross-section analysis with alternative data. *Annual conference – UACS, Skopje, 30. May 2008.*

28. Petreski, M. (2010) Wages in Macedonia: The role of the macroeconomic factors. *HR Global magazine panel, Skopje, 30. June 2010.*

### **Working papers**

29. Petreski, M. (2007) Macroeconomic implications of exchange rate regime: The case of the Republic of Macedonia.
30. Petreski, M. (2007) Is the Euro zone an optimal currency area?
31. Petreski, M. (2007) Exchange rate regimes and convergence criteria for accession economies: The case of Macedonia and Croatia.
32. Petreski, M. (2009) The role of venture capital in financing small business.
33. Jovanovic, B. and Petreski, M. (2009) Evaluation of the monetary policy in Macedonia through the New Keynesian model.
34. Petreski, M. (2010) An Overhaul of a Doctrine: Has Inflation Targeting Opened a New Era in Developing-country Peggery? *FIW Working Paper N° 57.*

### **Columns in "Global HR" magazine**

35. Petreski, M. (2009) Employability of applicants with a PhD degree. *Global HR*, 2(1), p.60-61.
36. Petreski, M. (2009) Changing perception of the PhD degree. *Global HR*, 4(1), p.68-69.
37. Petreski, M. (2009) What skills do (should) students on doctoral degrees develop? *Global HR*, 6/7(1), p.44-46.
38. Petreski, M. (2009) You still wanna study for a PhD? *Global HR*, 9(1), p.62-63.
39. Petreski, M. (2009) Employing specialists and experts: Are scientific degrees an answer? *Global HR*, 10(1), p.54-55.
40. Petreski, M. (2009) A doctoral degree - the harder way. *Global HR*, 11(1), p.61-62

### **Translations into Macedonian**

1. Romer, David (2005) *Advanced macroeconomics*. Third edition. McGraw Hill: New York.

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## **HONOURS**

<b>Honours</b>	<b>MENSA - The high IQ society</b> ( <i>Mensa Macedonia, since 2004</i> )
<b>Awards</b>	<b>Best student of generation</b> ( <i>University in Bitola, 2005</i> ) <b>Best student of academic year</b> ( <i>Faculty of Economics, 2005, 2004, 2003</i> ) <b>Best student recognized by the business society</b> ( <i>Stopanska Banka, 2005</i> )
<b>Recognitions</b>	<b>Young scientist of the Year 2009</b> ( <i>Macedonian Academy of Sciences and Arts</i> ) <b>The Olga Radzyner Award 2010</b> ( <i>The Oesterreichische Nationalbank</i> )
<b>Scholarships</b>	<b>PhD studies</b> ( <i>Staffordshire University and Open Society Institute, 2007</i> ) <b>PGCE studies</b> ( <i>European Commission, Jean Monnet Program, 2006</i> ) <b>MSc and BSc studies</b> ( <i>Macedonian Ministry of education, 2002-2006</i> )
<b>Fellowships</b>	<b>Royal Economic Society - Econometrics</b> ( <i>University of Oxford, 2008</i> ) <b>EABCN research affiliate - Growth dynamics</b> ( <i>EABCN, since 2008</i> ) <b>Italian Association for Comparative Economic Studies</b> ( <i>AISSEC, since 2009</i> ) <b>Chinese Economists Society</b> ( <i>since 2009</i> ) <b>Applied Quantitative Methods Network</b> ( <i>since 2010</i> )

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## SPECIFIC INTERESTS

**Specialties:** International Finance, Exchange Rates & Regimes, Real effects of pegging

Financial stability & crises; Contagion and bank-system failures

Monetary strategies, OCA Theory, Inflation targeting; European central banking

Structural- and reduced-form regressions, VARs and error-correction models, Structural and Markov-switching VARs, Forecasting for policy, Dynamic panel methods

Small macro-models, New Keynesian model for monetary-policy analysis

**Hobbies:** Philatelia, Notaphilia (collecting stamps and banknotes), Travelling (touristic and academic routes), Photography, Novels

Last updated: 10.11.2010.