

MILIVOJE DAVIDOVIC

Assistant Teaching Professor, Finance Academic Group, The D'Amore-McKim School of Business, Northeastern University, Boston, MA, USA

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in <https://www.linkedin.com/in/milivoje-davidovic-phd-1a4a825a>



CAREER SUMMARY

8+ years of experience in European and American academia; double Ph.D. title in Economics (Econometrics & Financial Economics) and M.S. in Statistics. Excellent interpersonal skills, highly motivated and internally driven person capable of working both individually and as a team member in a fast-paced environment.

RESEARCH INTERESTS

Quantitative Economics & Finance; Applied Financial Econometrics; Financial Data Analytics; Stochastic Finance, Computational Economics.

EXPERIENCE

Assistant Teaching Professor

Northeastern University, DMSB, Finance Academic Group

📅 Aug 2022 – Present [Boston, MA, USA](#)

- Assistant Teaching Professor; *Financial Math & Markets, Entrepreneurial Finance, and Quantitative Portfolio Management.*

Economics Instructor

Tennessee Tech University, Department of Econ, Fin & Marketing

📅 Aug 2021 – May 2022 [Cookeville, TN, USA](#)

- Economics Instructor; *Principles of Macroeconomics, Intermediate Macroeconomics, and Money and Banking.*

Visiting Assistant Professor

Valparaiso University, Department of Economics

📅 Jan 2021 – May 2021 [Valparaiso, IN, USA](#)

- Visiting Assistant Professor; *Principles of Macroeconomics, Financial Markets (undergraduate), and Financial Markets (graduate).*

Instructor and Graduate Teaching Assistant

Northern Illinois University, Department of Economics

📅 Aug 2016 – May 2021 [DeKalb, IL, USA](#)

- Instructor; *Principles of Macroeconomics, Econometrics Using Excel & R); GTA; Principles of Macroeconomics, Econometrics, and Sports Economics.*

Instructor

Johns Hopkins University, Center for Talented Youth

📅 July 2017 - Aug 2018 [Baltimore, MD, USA](#)

- Instructor; *Macroeconomics and the Global Economy.*

EDUCATION

Ph.D. in Economics

Quantitative Economics and Econometrics & Financial Economics

Northern Illinois University, Department of Economics, USA

📅 Aug 2016 – May 2021 (Defense: March 25th, 2021)

M.S. in Statistics and Probability Theory

Statistical Computing & Bayesian Statistics

Northern Illinois University, Department of Statistics and Actuarial Science, USA

📅 Aug 2018 – May 2021

M.A. in Economics

Quantitative Economics and Econometrics & Financial Economics

Northern Illinois University, Department of Economics, USA

📅 Aug 2016 – May 2018

Ph.D. in Economics

Banking, Finance and Financial Markets

University of Novi Sad, Faculty of Economics, Serbia

📅 Jan 2009 – Jun 2015

M.S. in Finance

Banking, Finance and Financial Markets

University of Novi Sad, Faculty of Economics, Serbia

📅 Jan 2006 – Oct 2009

B.S. in Economics

Financial Management and Accounting

University of Novi Sad, Faculty of Economics, Serbia

📅 Oct 2002 – Jan 2006

Financial Analyst

J.P. Morgan Chase, London

📅 Jan 2016 - May 2017 📍 London, UK

- Structured finance, algorithmic trading, and large-scale quantitative modeling (Python, R, and SQL).

PhD Student and Graduate Teaching Assistant

University of Novi Sad, Department of Finance and Banking

📅 Oct 2009 - Oct 2014 📍 Subotica, Serbia, Europe

- Developed recitation sections for undergraduate courses in Banking, Finance (Monetary and Fiscal Policy), Tax Policy, and Commercial and Investment Banking.
- Worked as a Research Assistant on scientific projects such as the Re-industrialization of Serbia; and Agro-industrial Policy in the Autonomous Province of Vojvodina (Serbia).
- Teaching and research in the fields of Macro-Finance, Financial Markets, and Financial Institutions.

PROFESSIONAL DEVELOPMENT

The 14th Community Bankers Symposium

The Federal Reserve Bank of Chicago

📅 November 22, 2019. 📍 Chicago, USA

Twelfth Annual Risk Conference: Looking to the Future: The Risks and Rewards of New Opportunities

The Federal Reserve Bank of Chicago

📅 April 10-11, 2019 📍 Chicago, USA

Professional Research Exchange

Portland State University

📅 October 04-31, 2014 📍 Portland, OR, USA

Logistic Summer School Program

Faculty of Logistics Celje

📅 June 16-24, 2013 📍 Celje, Slovenia

Professional Research Exchange

Zgonan University of Economics and Law

📅 October 02-26, 2010 📍 Wuhan, China

PUBLICATIONS & RESEARCH

Journal Articles

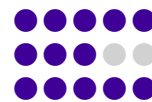
- Davidovic, M., (2021), [From Pandemic To Financial Contagion: High-Frequency Risk Metrics and Bayesian Volatility Analysis](#), *Finance research Letter*, January 2021, DOI: <https://doi.org/10.1016/j.frl.2020.101913>.
- Uzelac, O., Davidovic, M., Dukic-Marjanovic, M., (2020), [Legal Framework, Political Environment and Economic Freedom in Central and Eastern Europe: Do They Matter for Economic Development?](#), *Post-Communist Economies*, 32(6): 697-725.
- Davidovic, M., Uzelac, O., Zelenovic, V., (2019), [Efficiency Dynamics of the Croatian Banking Industry](#), *Economic research - Ekonomska Istrazivanja*, 31(1): 33-49.

LANGUAGES

English

German

Serbian



PERSONAL STRENGTHS

Data Science

Quantitative Modeling

Online Teaching

Scientific Computing

CODING SKILLS

R & Python

Matlab & SAS

STATA & SPSS

Julia



AWARDS

Outstanding Ph.D. Student Scholar Award 2021

Northern Illinois University (NIU)

📅 April 19, 2021 📍 DeKalb, IL, USA

Outstanding Ph.D. Student Award 2020

Northern Illinois University (NIU)

📅 April 23, 2020 📍 DeKalb, IL, USA

Outstanding Ph.D. Student Award 2019

Department of Economics, NIU

📅 March 13, 2019 📍 DeKalb, IL, USA

Invisible Hand Award 2019

Economic Student Association, NIU

📅 December 13, 2018 📍 DeKalb, IL, USA

Teaching Excellence Award

Ss. Cyril and Methodius University of Skopje

📅 August 9-15, 2015 📍 Ohrid, North Macedonia

Academic Excellence Award

University of Novi Sad

📅 2003, 2004, 2005 📍 Novi Sad, Serbia

Scholarship Award

Ministry of Education and Science, The Fund for Young Talents

📅 2004, 2005, 2006 📍 Belgrade, Serbia

EXTRACURRICULARS

- NIU Graduate Student Association (GSA).
- Economics Department Soccer Team: the "Moral Hazards".
- Volunteer staffer for the Chicago Marathon.

- Fidanoski, F., Choudhry, M., Davidovic, M., Sergi, S. B., (2018), [What does affect profitability of banks in Croatia?](#), *Competitiveness Review*, 28(4): 338-367.
- Milenkovic, I., Davidovic, M., (2013), [Determinants of Currency Substitution/ Dollarization – The Case of the Republic of Serbia](#), *Journal of Central Banking Theory and Practice*, 2(1): 139-155.
- Davidovic, M., Milenkovic, I., Furtula, S., (2013), [Currency substitution and bank profitability: Panel evidence from Serbia](#), *Actual Problems of Economics*, 12(150): 381-392.
- Zelenovic, V., Lukac, D., Davidovic, M., (2011), [Market Research – Base of Business Decision Making \(Company Examples from Serbia\)](#), *African Journal of Business Management*, 5(11): 4549-4560.

Working Papers & Conference Proceedings

- Davidovic, M., Adzic, S., (2018), The effectiveness of the Croatian monetary policy: Empirical investigation, Monetary Policy After The Global Crisis, How Important are Economic (Divisia) Monetary Aggregates for Economic Policy? The WEA International Web Conference In Honor of William A. Barnett, February 19-20, 2018. [_are_the_Bulgarian_Banks/references](#).
- Davidovic, M., (2014), Cost Efficiency of Agricultural Companies in Vojvodina: DEA Approach, *Interdisciplinary Management Research X*, International Research Conference, 16-18 May, 2014, Opatia, Croatia.

Books & Chapters

- Adzic, S., Pejanovic, R., Birovljev, J., Davidovic, M., Stojic, D., (2012), *Reindustrialization and New Development Model of Agro-industry in Vojvodina*, Novi Sad: University of Novi Sad and The Faculty of Economics in Subotica.
- Davidovic, M., Development Banks: Mandate, Principles, Dimensions, and Performances, In: Adzic, S., Pejanovic, R., (2012), *Performances and Development Possibilities of Agroindustry in Autonomous Province Vojvodina*, Novi Sad: University of Novi Sad.

Scientific Projects & Research Grants

- Davidovic Milivoje, et al, (2009-2011), Guidance of Financial Potential of Banks, Development of Financial Market and Role of Fiscal Policy in Stabilizing and Development of Economy of Vojvodina on Strategic Directions, Project financed by the Government of Autonomous Province of Vojvodina, Serbia.
- Davidovic Milivoje, et al, (2011-2015), Reindustrialization and New Development Model of Agroindustry in Vojvodina, Project financed by the Government of Autonomous Province of Vojvodina, Serbia.

Academic Papers Under Review

- Davidovic, M., (2021), A Non-Parametric Efficiency NBA Game of Thrones: Do Experience and Competition Matter? *Sports Economics*., **[UNDER REVIEW]**

Working Papers

- Davidovic, M., (2020), Modelling Dependency and Co-Movements On The Cryptocurrency Market: Copula and Spectral Analysis of High Frequency Data.
- Davidovic, M., (2020), Pricing European Options Using Levy jump-diffusion and Fourier Transformation.

HOBBIES

- Sports (soccer, basketball, running, and hiking).
- Traveling and writing.
- Documentaries (cosmology, physics).

ACADEMIC REFERENCES

Prof. Jeremy Groves (Dissertation Advisor)

@ Department of Economics, NIU

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Northern Illinois University, DeKalb, IL, USA
Phone: +1 (815) 753-5747

Prof. Carl Campbell III (Co-Advisor)

@ Department of Economics, NIU

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Prof. Duchwan Ryu (M.S. Thesis Supervisor)

@ Department of Statistics, Northern Illinois University

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