Danial Ali Akbari

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WORK HISTORY

Assistant Professor	University of Oslo, Norway
Department of Economics	*July 2022 – present*
Visiting Researcher	University of Copenhagen, Denmark
Department of Economics	*Jan 2022 – Jun 2022*
Visiting Researcher	Aarhus University (AU), Denmark
Department of Economics and Business Economics	*Aug 2021 – Dec 2021*
Affiliated Researcher	Lund University, Sweden
Department of Economics	*Aug 2021 – Jun 2022*
Lecturer	Lund University, Sweden
Department of Economics	*Aug 2021 – Jun 2022*
Affiliated Researcher	Lund University, Sweden
Center for Economic Demography	*Oct 2019 – Jun 2022*
Affiliated Researcher	Lund University, Sweden
Knut Wicksell Center for Financial Studies	*Sep 2017 – Jun 2022*
Ph.D. Candidate	Lund University, Sweden
Department of Economics	*Sep 2016 – Aug 2021*
Instructor	Lund University, Sweden
Center for Mathematical Sciences and Department of Economics	*Jan 2012 – Aug 2016*
Study Coach	My Academy, Sweden
Skåne Region	*Mar 2011 – Aug 2012*

RESEARCH INTERESTS

Macroeconomics ⋄ Labor Economics ⋄ Growth Theory ⋄ Sustainability ⋄ Inequality ⋄ Computational Economics

EDUCATION

Lund University	Lund, Sweden
Doctor of Philosophy, Economics	*2021*
Master of Science, Economics	*2016*
Master of Science, Mathematical Statistics	*2015*
Bachelor of Science, Economics	*2014*
Bachelor's Program in Natural Sciences with Mathematics Major	*2013*
Bachelor of Arts, Theoretical Philosophy	*2010*

PH.D. THESIS

Das Human-Kapital: Emerging Patterns in the Class Structure *2021*

Supervisors: Prof. Joakim Westerlund (LU, main), Prof. Emiliano Santoro (University of Copenhagen) & Senior Lecturer Thomas Fischer (LU).
Faculty Opponent: Prof. Tobias Broer (Stockholm University).

WORKING PAPERS

Affording Superstardom: Explaining Skill Premia's Convexity in Education
(Solely Authored) *2023*

Shaping inequality: Progressive taxation under human capital accumulation
(with Thomas Fischer at Lund University) *2023*

Technology Adoption and Human Capital Accumulation
(Solely authored) *2023*

Wealth Inequality and Mortgage Requirements
with Claes Bäckman (AU), Natalia Khorunzhina (Copenhagen Business School) & Timo Trimborn (AU) · *2024*

Distributional and Demographic Patterns of the Glass Ceiling Effect
with Thomas Fischer (LU) and Demid Getik (Durham University) · *2024*

Green Bubbles
with Emiliano Santoro (University of Copenhagen) and Federico Lubello (Central Bank of Luxembourg) · *2023*

HAACE – Heterogeneous Agent Analytic Climate Economy
with Christian Traeger (University of Oslo) · *2023*

RESEARCH ASSISTANCE

Research Assistant to "Observations on Cooperation" by Yuval Heller & Erik Mohlin, Published in *Review of Economic Studies* (2018)85, 2253–2282.

TEACHING

University of Oslo ⋄ Pedagogical Development	*Ongoing*
Program for Basic Competence in University Pedagogy (200h) ⋄ 2 semesters	*Ongoing*
University of Oslo ⋄ Department of Economics	*07/2022 – present*
Master Thesis Supervisor (graduate course) ⋄ Four students (100%), 1 term	*2024*
Environmental Economics (graduate course) ⋄ Seminar Leader (100%), 1 term	*2024*
Economic Dynamics and Uncertainty (graduate course) ⋄ Lecturer (10%) and Seminar Leader (80%), 1 term	*2023*
Resource Economics (graduate course) ⋄ Lecturer (20%) and Seminar Leader (100%), 1 term	*2023*
Resource Economics (graduate course) ⋄ Lecturer and Course Convener (100%), 1 term	*2022*
Stockholm University & Royal Institute of Technology ⋄ Teaching Course	*1/2022 – 3/2022*
Subject didactics, curriculum theory, grades and assessment – mathematics focus ⋄ 7 weeks	*2022*
Lund University ⋄ Teaching Course ⋄ As Ph.D.	*09/2021 – 4/2022*
Course design in higher education ⋄ 3 weeks	*2021 – 2022*
Lund University ⋄ Department of Economics ⋄ As Ph.D.	*9/2021 – 6/2022*
Dynamic Optimization (graduate course) ⋄ Course Director, Designer and Lecturer (100%), 1 term	*2021*
Introduction to MATLAB (undergraduate course) ⋄ Director, Designer and Lecturer (100%), 1 term	*2021*
Dynamic Optimization (graduate course) ⋄ Recorded lectures for full course	*2022*
Lund University ⋄ Teaching Course ⋄ As Ph.D. Candidate	*09/2016 – 08/2021*
Teaching and learning in higher education ⋄ 2 weeks	*2019*
Lund University ⋄ Department of Economics ⋄ As Ph.D. Candidate	*09/2016 – 08/2021*
Dynamic Optimization (graduate course) ⋄ Course Director, Designer and Lecturer (100%), 2 terms	*2017 – 2019*
Introduction to MATLAB (undergraduate course) ⋄ Director, Designer and Lecturer (100%), 4 terms	*2017 – 2020*
Macroeconomics (undergraduate course) ⋄ TA, 7 terms	*2017 – 2021*
Mathematics for Economists (undergraduate course) ⋄ Lecturer (50%), 1 term	*2019*
Microeconomics (undergraduate course) ⋄ TA, 4 terms	*2017 – 2019*
International Economics (undergraduate course) ⋄ TA, 2 terms	*2016 – 2017*
Lund University ⋄ TA while Student	*09/2012 – 08/2016*
Algebra (undergraduate course) ⋄ Center for Mathematical Sciences ⋄ 9 terms	*2012 – 2016*
Calculus (undergraduate course) ⋄ Center for Mathematical Sciences ⋄ 9 terms	*2012 – 2016*
Risk Analysis (undergraduate course) ⋄ Center for Mathematical Sciences ⋄ 1 term	*2016*
Linear and Logistic Regression (graduate course) ⋄ Center for Mathematical Sciences ⋄ 2 terms	*2015 – 2016*
Numerical Programming (undergraduate course) ⋄ Center for Mathematical Sciences ⋄ 1 term	*2015*
Econometrics (undergraduate course) ⋄ Department of Economics ⋄ 1 term	*2015*

Alternate Member, Board of Department of Economics ⋄ University of Oslo — *2024*

Alternate Member, Board of Faculty of Social Sciences ⋄ University of Oslo — *2023*

Member, Board of Department of Economics ⋄ Lund University — *09/2018 – 09/2020*

Member, Committee of Research Studies ⋄ School of Economics and Management, Lund Univ. — *09/2017 – 09/2018*

Spokesperson for Green Students ⋄ Lund Chapter — *2015 – 2016*

Representative, Board of Green Students ⋄ Lund Chapter — *2015 – 2016*

Representative, Congress Representative for Swedish Green Party ⋄ Lund Chapter — *2015*

Member, Board of Science Student Union ⋄ Lund — *2012 – 2013*

Representative, Congress Representative for Swedish Green Party ⋄ Helsingborg Chapter — *2012*

Member, Representative College at Science Student Union ⋄ Lund — *2011 – 2012*

Chair, Academic Committee at Science Student Union ⋄ Lund — *2011 – 2012*

Select Advanced Workshops and Courses

Stochastic Dynamic Optimization and its Application to Human Capital — *May 2017*
by Michael Caputo (University of Central Florida) ⋄ Gothenburg, Sweden

Solution Methods for Heterogeneous Agent Models Using a Julia Toolkit — *June 2018*
by Michael Reiter (Institute for Advanced Studies, Vienna, and NYU Abu Dhabi) ⋄ Milan, Italy

Heterogeneous Agents in Macro Models — *June 2018*
by Petr Sedláček (University of Oxford) ⋄ Como, Italy

Oxford Summer School in Economic Networks — *June 2018*
by several lecturers including Fernando Vega-Redondo (Bocconi) ⋄ Oxford, Great Britain

Quantitative Solution of Endogenous Growth Models — *April 2019*
by Timo Trimborn (Aarhus Univ.) & Klaus Prettner (Univ. of Hohenheim) ⋄ Aarhus, Denmark

Collecting and Analyzing Big Data - Oslo Summer School — *July 2019*
by Neal Caren (University of North Carolina) ⋄ Oslo, Norway

Advanced Numerical Methods in Macroeconomics - CEMFI Summer School — *September 2022*
by Jesús Fernández-Villaverde (U. Penn.) and Galo Nuño (Banco de España) ⋄ Madrid, Spain

Organized Events

Workshop on Heterogeneous Agent Models in Macroeconomics — *June 2021*
with Thomas Fischer (Lund Univ.) and Juan Carlos Parra-Alvarez (Aarhus Univ.) — *(postponed from May 2020)*

Study Circle on Feminist Economics — *2017 – 2018*
at Department of Economics, Lund University

Lecture Series on Sustainability — *2015 – 2016*
at Green Students, Lund Chapter

Study Circle on Politics of the Green State — *2014 – 2015*
at Green Students, Lund Chapter

Study Circle on the Theory of Science — *2011 – 2013*
at the Science Student Union, Lund

Computing in Economics and Finance, The Society for Computational Economics ⋄ Milan, Italy *June 2018*

ROA Workshop on Dynamics of Skills Supply and Demand ⋄ Maastricht, Netherlands *November 2018*

Macroeconomics Seminar, Department of Economics, University of Copenhagen (UCPH) ⋄ Denmark *May 2019*

WINIR Conference on Institutions for Inclusive Societies ⋄ Lund, Sweden *September 2019*

ROA Workshop on Older Workers' Skills and Labour Market Behaviour ⋄ Maastricht, Netherlands *November 2019*

Computing in Economics and Finance, The Society for Computational Economics ⋄ Warsaw, Poland *June 2020*

Junior Researcher Seminar, Copenhagen Business School (CBS) ⋄ Copenhagen, Denmark *September 2020*

Copenhagen Macro Seminar, Joint at CBS and UCPH ⋄ Copenhagen, Denmark *November 2020*

Knowledge for Sustainable Development, at Lund University ⋄ Lund, Sweden *May 2021*

PhD Conference on Sustainable Development, at Lund University ⋄ Lund, Sweden *September 2021*

Market Studies and Spatial Economics at Université Libre de Bruxelles, ECARES ⋄ Brussels, Belguim *April 2022*

Stochastic and partial differential equations in macroeconomics ⋄ Oslo, Norway *December 2022*

Oslo Macro Group Seminar Series ⋄ Oslo, Norway *December 2022*

Risk and Assessment in a Changing World – Society for Risk Analysis Europe 2023 ⋄ Lund, Sweden *June 2023*

Advanced Mathematical Methods For Finance, 11th General Conference ⋄ Bielefeld, Germany *June 2023*

CORA 2023 – Conference on Robots and Automation ⋄ Frankfurt, Germany *September 2023*

SCHOLARSHIPS AND GRANTS

Skandia Research Program on "Long-Term Savings" *2018*
Together with Thomas Fischer, Frederik Lundtofte (PI) and Alessandro Martinello, all at Lund University. Thule Foundation. Title of project "Sources and Dynamics of Precautionary Savings."

Presentation of Research at International Conference, Siamon Foundation. *2018*

Research stipend, Stiftelsen för främjandet av ekonomisk forskning vid Lunds Universitet. *2018*

Research stipend for Visiting Research Studies Abroad at a Renowned University *2019*
Hedelius Stipend for visit at Aarhus University and The University of Copenhagen.

Grant for Organizing International Research Conference, Arne Ryde Foundation. *2019*
Together with Thomas Fischer (LU), and Juan Carlos Parra-Alvarez (AU)

Presentation of Research at International Conference, Siamon Foundation. *2020*

Research Stipend, Arne Ryde Foundation. *2021*

Research Scholarship. *2022*
Research program together with Thomas Fischer (PI) and Demid Getik at Lund University. Title of project: "The impact of work experience and fertility on gender income inequality." Wallander, Hedelius and Browaldh Foundations.

MEMBERSHIP IN ACADEMIC SOCIETIES

European Economic Association (EEA)

Society for Computational Economists (SCE)

World Interdisciplinary Network for Institutional Research (WINIR)

International Social Ontology Society (ISOS)

MISCELLANEOUS

Technical Skills: MATLAB, Python, Stata, R, LaTeX, Eviews, MS Office
Languages: English (fluent), Swedish (fluent), Farsi (native)