

# CURRICULUM VITAE

OZAN BAKIS

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## ADDRESS

Bahcesehir University, Betam  
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## EDUCATION

Dec., 2006	Ph.D. Economics, University of Paris 1 Panthéon-Sorbonne.
Nov., 2002	M.A. Economics, University of Paris 1 Panthéon-Sorbonne.
June, 2001	B.A. Economics, Galatasaray University.

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## FIELDS OF INTEREST

Labor economics; income inequality; education economics; growth and development; firm dynamics; productivity; optimal taxation; forecasting

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## COMPUTER SKILLS

- Scientific and Mathematical Software: R, Stata, SQL, MATLAB, Octave, Maxima
- Programming Languages: Python, C/C++, Fortran
- Formatting/Markup Languages: Markdown, Latex, HTML
- Operating Systems: MacOS, Linux/Unix, Windows

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## PROFESSIONAL EXPERIENCE

10.2021 - present Prof. of Economics, Bahcesehir University.  
03.2016 - 09.2021 Assoc. Prof. of Economics, Bahcesehir University.  
05.2011 - 02.2016 Consultant, TUSIAD - Sabanci University Competitiveness Forum.  
09.2010 - 04.2011 Postdoctoral researcher, Université de Montréal, Department of Economics.  
12.2008 - 01.2011 Lecturer, Galatasaray University, Department of Economics.

08.2001 - 12.2008 Research assistant, Galatasaray University, Department of Economics.

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#### INVITED LECTURES AND TALKS

- Kalkınma Bakanlığı, "Kısa dönemli ekonomik büyüme tahmini - R ile Nowcasting" [In English: Ministry of Development, "Short-term economic growth forecasting - Nowcasting with R"], 12-21 April 2017.
  - VakıfBank, "R istatistiksel programlama diline giriş" [In English: VakıfBank, "Introduction to R statistical programming language"], 28-29 January 2016.
  - Türkiye İstatistik Kurumu, "R ile paralel programlama ve büyük veri analizi" [In English: Turkish Statistical Institute, "Parallel programming and big data analysis with R"], 16-20 January 2016.
  - Türkiye İş Bankası, "R istatistiksel programlama dili" [In English: Türkiye İş Bankası, "R statistical programming language"], 13-15 August 2014.
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#### GRANTS AND AWARDS

- 12.2018 - 07.2021 TUBITAK - The Support Program for Scientific and Technological Research Projects (1001): "Türkiye’de asgari ücretlerin işgücü piyasasına etkileri, 2005-2018" [In English: The effects of minimum wages on the labor market in Turkey, 2005-2018] (with İ. Tunalı, S. Polat and B.İ. Yanık)
- 09.2020 - 03.2021 World Energy Council - Turkey & Istanbul Center for Regulation: "Decarbonizing Turkey’s energy provision 2050" (with D. E. Dalgıç-Tetikol, P. Deniz, M. Finger, İ. Gümüş, and E. Köksal)
- 09.2019 - 02.2021 PMI IMPACT: "Analysis of the Illegal Trade of Alcoholic Beverages, Cigarettes and Tobacco, Fuel and Mobile Phones in Turkey" (with S. Gürsel and G.U. Kolaşın)
- 09.2013 - 03.2015 TUBITAK - The Support Program for Scientific and Technological Research Projects (1001): "Türkiye’de firma verimliliği: evrimi, dağılımı ve faktör dağılımındaki etkinsizliklerin rolü" [In English: Firm productivity in Turkey: its evolution, distribution and role in misallocation of factors] (with I. Atiyas)
- 04.2013 - 12.2013 Ministry of Education & ERG & UNICEF: "Temel Belirleyicileri Açısından İlköğretimde Okula Devam ve Devamsızlık" [In English: Key Determinants of School Attendance and Absenteeism in Primary Education] (with B. Börkan, H. Levent, O. Dereli and S. Pelek)
- 09.2010 - 02.2011 TUBITAK - Postdoctoral Research Grant (2219).
- 09.2005 - 06.2006 Agence Universitaire de la Francophonie (AUF) - Training Through Research Fellowship.
- 10.2001 - 09.2002 EGIDE - Eiffel Graduate Scholarship.
- 10.2001 - 01.2002 Robert Schuman Foundation - Undergraduate Scholarship.

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## RESEARCH

### Peer-reviewed Journal Articles

- Wage inequality dynamics in Turkey. *Empirica*, 50, 657–694, 2023. DOI: 10.1007/s10663-023-09579-8 [SSCI]
- Blessing or burden? The impact of refugees on businesses and the informal economy (with O. Altindag and S. Roza), *Journal of Development Economics*, 146 (102490), 2020. DOI: 10.1016/j.jdeveco.2020.102490 [SSCI]
- Unbundling curbside parking costs from housing prices (with E. Inci ve R.O. Senturk), *Journal of Economic Geography*, 19(1), 89-119, 2019. DOI: 10.1093/jeg/lby003 [SSCI]
- Determinants of academic achievement of middle schoolers in Turkey (with B. Borkan), *Educational Sciences: Theory & Practice*, 16(6), 2193-2217, 2016. DOI: 10.12738/estp.2016.6.0227 [SSCI]
- Recent trends in the Turkish labor market, *İktisat İşletme ve Finans*, 30(351), 73-110, 2015. DOI: 10.3848/iif.2015.351.4493 [EconLit]
- Structural change and industrial policy in Turkey (with I. Atiyas), *Emerging Markets Finance and Trade*, 51(6), 1209–1229, 2015. DOI: 10.1080/1540496X.2015.1080523 [SSCI]
- Transitional dynamics and the optimal progressivity of income redistribution (with B. Kaymak and M. Poschke), *Review of Economic Dynamics*, 18(3), 679-693, 2015. DOI: 10.1016/j.red.2014.08.004 [SSCI]
- Wage inequality in Turkey: 2002-2010, (with S. Polat), *Economics of Transition*, 23(1), 169-212, 2015. DOI: 10.1111/ecot.12058 [SSCI]
- Aggregate and sectoral TFP growth in Turkey: a growth accounting exercise (with I. Atiyas), *İktisat İşletme ve Finans*, 29(341), 9-36, 2014. DOI: 10.3848/iif.2014.341.4019 [SSCI]
- Quantile estimates for social returns to education in Turkey: 2006-2009 (with N. Davutyan, H. Levent and S. Polat), *Middle East Development Journal*, 5(3), 1350017-1-1350017-23, 2013. DOI: 10.1142/S179381201350017X [EconLit]
- Sectoral human capital spillovers: evidence from Turkey (with N. Davutyan, H. Levent and S. Polat), *İktisat İşletme ve Finans*, 26(298), 9-20, 2011. DOI: 10.3848/iif.2011.298.2827 [SSCI]

### Peer-reviewed Journal Articles (in Turkish)

- İstanbul İşgücü Piyasasında Rezervasyon Ücretleri. [In English: Reservation Wages in Istanbul Labour Market] (with S. Gürsel). *Ekonomi-tek*, 13(2), 140-159, 2024. [TRDizin] <https://dergipark.org.tr/tr/pub/ekonomitek/issue/87147/1520880>
- Türkiye ekonomisinde toplam faktör verimliliği: 1980-2019 [In English: Total factor productivity in Turkish economy] (with U. Acar). *Journal of Research in Economics*, 5(1), 1-27, 2021. [EconLit] <https://dergipark.org.tr/en/download/article-file/1660737>

- Zincirlenmiş hacim serileri ile GSYH’de ne değişti? [In English: What changed with GDP in chained volume measures?], *Ekonomi-tek*, 7(2) 1-36, 2018.  
<https://dergipark.org.tr/en/download/article-file/981707>
- Yeni GSYH serilerinin getirdiği farklılıklar ve sorunlar [In English: The differences and the problems of the new GDP series], *Journal of Research in Economics*, 2(1), 15-42, 2018. [EconLit]  
<https://dergipark.org.tr/en/download/article-file/463884>
- Türkiye’de çalışılan saatlerin dağılımı ve değişimi [In English: Distribution of hours worked in Turkey and its evolution] (with Sezgin Polat, Mustafa Ulus), *Efil Ekonomi Araştırmaları Dergisi*, 1(4) 108-127, 2018  
<https://shop.efilyayinevi.com/urun/ozan-bakis-sezgin-polat-mustafa-ulus-turkiyede-calisilan-saatlerin-dagilimi-ve-degisimi/>
- Kuşaklar arası eğitim hareketliliği: AB-Türkiye karşılaştırması [In English: Intergenerational educational mobility: An EU-Turkey comparison], *Finans Politik & Ekonomik Yorumlar*, 54(634), 97-105, 2017. [EconLit]  
<https://dergipark.org.tr/en/download/article-file/787517>
- Türkiye’de eğitimin bireysel getirisi: 1988-2008 [In English: Private returns to education in Turkey: 1988-2008], *Finans Politik & Ekonomik Yorumlar*, 52(601), 69-75, 2015. [EconLit]  
<https://dergipark.org.tr/en/download/article-file/788250>

## Other Publications

- Assessment of a carbon tax as a tool to decarbonize Turkey’s energy supply 2050 (with D.E. Dalgic, P. Deniz, M. Finger, I. Gumus and E. Köksal). IC4R | İstanbul Center for Regulation, Report Series No.1, 2022.
- Productivity, reallocation, and structural change: an assessment (with Izak Atiyas), chapter in *Turkish Economy at the Crossroads: Facing the Challenges Ahead*, ed. by Akat, A.S, S. Gürsel, World Scientific Publishing: Singapore, 91-122, 2020.
- Anatolian tigers and the emergence of the devout bourgeoisie in the turkish manufacturing industry (with Izak Atiyas and Esra Gurakar), chapter in *Crony Capitalism in the Middle East: Business and Politics from Liberalization to the Arab Spring*, ed. by Diwan, I., A. Malik, A. and I. Atiyas, Oxford University Press: Oxford, 90-118, 2019.
- Depositor myopia and banking sector behaviour (with F. Karanfil and S. Polat), chapter in *Financial Development, Economic Crises and Emerging Market Economies* ed. by Ülgen, F., Routledge: London, 156-169, 2016.
- Interactions between economic growth, innovation, financial development and sustainability in emerging countries (with F. Karanfil and S. Polat), chapter in *Developing Economies: Innovation, Investment and Sustainability* ed. by Carcillo, J.M., Nova Science Publishers: New York, 223-234, 2012.
- Social returns to education in Turkey: a quantile regression approach (with S. Polat, N.Davutyan and H.Levent), chapter in *Secondary Education in the 21st Century* ed. by Beckett, D.S., Nova Science Publishers: New York, 101-119, 2010.

## Other Publications (in Turkish)

- 1980 sonrası Türkiye ekonomisinde yapısal dönüşüm [In English: Structural transformation in the Turkish economy after 1980] (with U. Acar), chapter in *Prof. Dr. Seyfettin Gürsel'e Öğrencilerinden Armağan: Türkiye Ekonomisinin Güncel Sorunları*, forthcoming.
- Türkiye'de dijital eşitsizlik 2007-2021 arasında nasıl şekillendi? [In English: How did digital inequality evolve in Turkey between 2007-2021?] (with E. Köksal), chapter in *Prof. Dr. Seyfettin Gürsel'e Öğrencilerinden Armağan: Türkiye Ekonomisinin Güncel Sorunları*, forthcoming.
- 1980 sonrası Türkiye ekonomisinde verimlilik, kaynak tahsisi ve yapısal değişim [In English: Productivity, resource allocation and structural change in the Post-1980 Turkish economy] (with I. Atiyas), chapter in *Çıkılmaz Yol: Düünden Yarına Türkiye Ekonomisi*, ed. by Akat, A.S, and S. Gürsel, İstanbul Bilgi Üniversitesi Yayınları: İstanbul, 71-98, 2023.
- Türkiye'de bilgi iletişim harcamaları ve dijitalleşme [In English: Information and communications technology expenditure and digitalization in Turkey] (with E. Köksal). Betam Araştırma Raporu, 2022.
- Tanzim satış enflasyonu düşürdü [In English: "tanzim satis" reduce d the inflation rate] (with U. Acar). *İktisat ve Toplum Dergisi*, 102, 31-37, 2019.
- İzmir Büyükşehir Belediyesinin İzmir ekonomisine ve istihdamına etkisi [In English: The contributions of İzmir Metropolitan Municipality on İzmir's economy and employment ] (with S. Gürsel), 2018
- Sıçrama yapan şirketler [In English: Leaping companies] (with I. Atiyas). TÜSİAD Publication, No. TUSIAD-T/2018, 04-593, 2018.
- Tütün tarımı ve kalkınma projesi : Ekonomik Etki Analizi [In English: Tobacco agriculture and development project: economic impact analysis ] (with S. Gürsel), 2016
- İmalat sanayi sektörleri rekabet göstergeleri raporu [In English: Report on manufacturing industries competitiveness indices] (with I. Atiyas). TÜSİAD Publication, No. TUSIAD-T/2014-05/551, 2014.
- Türkiye'de büyümenin kısıtları: bir önceliklendirme çalışması [In English: Constraints to growth in Turkey: a study of prioritization] (with I. Atiyas). TÜSİAD Publication, No. TUSIAD-T/2011/11/519, 2011.

## Working Papers

- Resource reallocation and total factor productivity in Türkiye: 2000-2022, Betam Working Paper Series No. 022, 2024.
- İstanbul işgücü piyasasında rezervasyon ücretleri (with S. Gürsel). Betam Working Paper Series No. 023, 2024.
- Firm dynamics and job creation in Turkey - some preliminary results (with I. Atiyas and Y. K. Orhan). TUSIAD-Sabancı University Competitiveness Forum Working Paper No. 2017-1, 2017.

- Identifying the links between innovation and FDI flows in Turkey (with I. Atiyas). TUSIAD-Sabanci University Competitiveness Forum Working Paper No. 2015-1, 2015.

### **Work in Progress**

- In Search of the Holy Grail: Impact of Foreign Direct Investment on Target Firms in Turkey (with I. Atiyas and R. K. Erdemli)
- Intergenerational Education Mobility between and within Vulnerable Groups in Turkey (with A. Filiztekin).
- A numerical solution to the second-best optimal taxation.

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### **PROFESSIONAL ACTIVITIES**

#### **Refereeing**

- Journal of Public Economics
- Economics of Transition
- Empirical Economics
- Applied Economics
- İktisat İşletme ve Finans
- Central Bank Review
- TCMB Çalışma Tebliği Serisi

#### **Conference and Workshop Organizations**

- Annual Istanbul Meeting on Human Capital Organization Committee, 2018-present.

#### **Conference and Workshop Presentations**

- 2022-2023: Galatasaray University - Friday Seminar; Bogazici University - Economics Department Seminar, 6th Annual Istanbul Meeting on Human Capital (BAU & LSU & GIAM); 30th Turkish Economic Association (TEK) Conference
- 2020-2021: ERF 27th Annual Conference - Webinar Sessions; Bahcesehir University - FEASS Research Seminar
- 2019-2020: Sabanci University - Economics Seminar
- 2018-2019: Istanbul Technical University Department of Economics - Department Seminar; 4th Annual Istanbul Meeting on Human Capital (BAU & LSU & GIAM)
- 2016-2017: Özyeğin University-World Bank Workshop on "Poverty, Inequality and Intergenerational Mobility"
- 2015-2016: 1st Annual Istanbul Meeting on Human Capital (Koc Uni & LSU),
- 2013-2014: 34th Annual Meeting of the MEEA; GDRI DREEM Conference on "Evaluation of Economic Policies and Institutional Changes in Mediterranean Countries"; 12th International Conference of the MEEA

- 2009-2010: 9th International Conference of the MEEA; GDRI DREEM Conference on “Inequalities and development in the Mediterranean countries”
  - 2006-2007: 16th International Input-output Conference
  - 2005-2006: 8th International Meeting of the Society for Social Choice and Welfare
  - 2004-2005: Workshop of FEMISE Research Group FEM21-39 (FEMISE III), 23-26 June 2005, Rabat, Morocco.
  - 2003-2004: METU Conference in Economics
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## TEACHING

### Undergraduate

- Data Science with R, Bahcesehir University, 2022-2024.
- Machine Learning with R, Bahcesehir University, 2023-2024.
- Econometrics I, Bahcesehir University, 2017-2021.
- Econometrics II, University of Montreal, 2011; Bahcesehir University, 2017-2021.
- Public Finance, Sabanci University, 2016; Bahcesehir University, 2017-2018.
- Macroeconomics, Galatasaray University, 2009, 2010.
- Programming in Economics, Galatasaray University, 2009, 2010.
- Microeconomics, Galatasaray University, 2009.

### Graduate

- Advanced Macroeconomics, Bahcesehir University, 2016, 2017.
- Macroeconomics I, Galatasaray University, 2011-2014.
- Macroeconomics II, Galatasaray University, 2010-2014.