

(1) Particulars

Address: Maastricht University School of Business and Economics

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Date of birth: September 4th 1981 in Heerlen, The Netherlands

(2) Short bio

Barbara Belfi (1981) is a senior researcher and research project leader at the Research Centre for Education and the Labor Market (ROA) of Maastricht University's School of Business and Economics. She is also fellow of Maastricht University's Graduate School of Business and Economics (GSBE), as well as associate member of the Centre for Educational Effectiveness and Evaluation of the KU Leuven (BE). She holds a Master's degree in Cognitive Psychology (Maastricht University, 2006) and a Master's degree in Educational Sciences (KU Leuven, 2009, Cum Laude). In 2015, she obtained her PhD in Educational Sciences at the KU Leuven on the cognitive and non-cognitive effects of school composition.

Her main research interests are: social and gender inequalities in education, educational group composition effects and the transition from school to the labour market. Her scholarly work has appeared in journals such as the *Educational Research Review*, *the British Educational Research Journal*, *the British Journal of Educational Psychology*, and *Teaching and Teacher Education*.

Currently, she is the research project leader of the HBO-monitor, an annual survey among graduates from higher vocational education (HBO). In addition, she works on several research projects financed by NRO (acronym for Nationaal Regieorgaan Onderwijs [The Netherlands Initiative for Educational Research]). These projects are focussed on lifelong learning and competence development, the flexibility of the Dutch educational system, and teacher effectiveness.

She also organizes and teaches an introductory course in creative problem solving for several programmes at Maastricht University, i.e., the Science master programmes Systems Biology and Biobased Materials, the Edlab interdisciplinary honours programme Honours+, and the SBE bachelor programme Emerging Markets.

(3) Academic track

- 2016 – pres. Maastricht University: *Fellow* at the Graduate School of Business and Economics
- 2014 – pres. Maastricht University: *Senior Researcher* (tenured) at the Research Centre for Education and the Labor Market
- 2015 – pres. KU Leuven: *Associate Member* of the Centre for Educational Effectiveness and Evaluation
- 2012 – 2015 KU Leuven: *Ph.D.-student* at the Centre for Educational Effectiveness and Evaluation, Educational Sciences
- 2010 – 2012 KU Leuven: *National Research Coordinator (NRC)* of the Trends in International Mathematics and Science Study 2011 (TIMSS 2011) of Flanders, Belgium
- 2009 - 2010 KU Leuven: *Junior Researcher* at the Centre for Educational Effectiveness and Evaluation

(4) Education

- 2011 – 2014 KU Leuven: Ph.D.-student at the Centre for Educational Effectiveness and Evaluation, Educational Sciences
- 2007 - 2009 MSc. KU Leuven, Educational Studies (cum laude)
- 2000 - 2006 MSc. Maastricht University, Cognitive Psychology
- 1994 - 2000 VWO Erasmus College, Maastricht [pre-university education]

(5) Publications

Dissertation

Belfi B., De Fraine, B. (sup.), Gielen, S. (sup.), Verschueren, K. (cosup.) (2015). *All together now? Group composition effects in education.*

Articles in internationally reviewed academic journals

Belfi B., Haelermans C., De Fraine B. (2016). The long-term differential achievement effects of school socioeconomic composition in primary education: A propensity score matching approach. *British Journal of Educational Psychology*, 86 (4), 501-525.

Belfi B., Gielen S., De Fraine B., Verschueren K., Meredith C. (2015). School-based social capital: The missing link between schools' socioeconomic composition and collective teacher efficacy. *Teaching and Teacher Education*, 45, 33-44.

Belfi B., Goos M., Pinxten M., Verhaeghe J., Gielen S., De Fraine B., Van Damme J. (2014). Inequality in language achievement growth? An investigation into the impact of pupil socio-ethnic background and school socio-ethnic composition. *British Educational Research Journal*, 40 (5), 820-846.

Goos M., Belfi B., De Fraine B., Van Damme J., Onghena P., Petry K. (2013). Effecten van zittenblijven in het basis- en secundair onderwijs in kaart gebracht: Een systematische literatuurstudie. *Pedagogische Studiën*, 90 (5), 17-30.

Belfi B., Goos M., De Fraine B., Van Damme J. (2012). The effect of class composition by gender and ability on secondary school students' school well-being and academic self-concept. A literature review. *Educational Research Review*, 7 (1), 62-74.

Academic books, internationally recognised scientific publisher; as editor

Juchtmans, G., Ed., Belfi, B., Ed., De Fraine, B., Ed., Goos, M., Ed., Knipprath, H., Ed., Vandenbroucke, A., Ed., Verbeeck, B., Ed. (2011). *Samen tot aan de meet. Alternatieven voor zittenblijven*. Antwerpen/Apeldoorn: Garant.

Belfi B., De Fraine B., Van Damme J., Cortois, L. (as contributor) Mannaerts, E. (as contributor) (2010). *De klas: homogene of heterogene samenstelling? Praktijkgerichte literatuurstudies onderwijsonderzoek*. Leuven: Acco.

Articles in academic book, internationally recognised scientific publisher

Belfi B., Juchtmans G., Goos M., Knipprath H. (2011). *Implementatie op niveau van het hoofd: problematisering van zittenblijven op school*. In: Juchtmans G., Belfi B., De Fraine B., Goos M., Knipprath H., Vandenbroucke A., Verbeeck B. (Eds.), *Samen tot aan de meet. Alternatieven voor zittenblijven*, Chapt. 1 (Deel II), (pp. 39-78). Antwerpen/Apeldoorn: Garant.

Belfi B., Juchtmans G., Goos M., Knipprath H. (2011). *Implementatie op niveau van het hart: weerstanden ombuigen tot motivatie*. In: Juchtmans G., Belfi B., De Fraine B., Goos M., Knipprath H., Vandenbroucke A., Verbeeck B. (Eds.), *Samen tot aan de meet. Alternatieven tot zittenblijven*, Chapt. 2 (Deel II), (pp. 79-92). Antwerpen/Apeldoorn: Garant.

Belfi B., Juchtmans G., Goos M., Knipprath H. (2011). *Implementatie op het niveau van de handen: bouwstenen kiezen, uitwerken, uitvoeren en evalueren*. In: Juchtmans G., Belfi B., De Fraine B., Goos M., Knipprath H., Vandenbroucke A., Verbeeck B. (Eds.), *Samen tot aan de meet. Alternatieven voor zittenblijven*, Chapt. 3 (Deel II), (pp. 93-148). Antwerpen/Apeldoorn: Garant.

De Fraine B., Belfi B., Van Damme J. (2011). *Composition of learning groups*. In: Seel N. (Eds.), *Encyclopedia of the sciences of learning*, (pp. 688-690). New York Dordrecht Heidelberg London: Springer.

Belfi, B., De Fraine, B., Van Damme, J. (2011). *Zijn leerlingen beter af in homogene of heterogene klassen? Deel 2: Een literatuurstudie naar de effecten van klassamenstelling naar geslacht, sociaal milieu, cultureel-etnische achtergrond en leeftijd*. In: *Handboek Beleidvoerend Vermogen*, Chapt. 5. (pp.1-27) Brussels: Politeia.

Belfi, B., De Fraine, B., Van Damme, J. (2010). *Zijn leerlingen beter af in homogene of heterogene klassen?* In: *Handboek Beleidvoerend vermogen*, Chapt. 2.3. (pp. 1-16) Brussel: Politeia.

Articles in other professionally oriented journals

Belfi, B., Mommers, A., & Allen, J. (2017). *Wo-doorstroom hbo'ers stukt selectief*. *Economisch Statistische Berichten*, 102(4748).

Levels, M., Belfi, B., & van der Velden, R. (2016). *De jongens tegen de meisjes*. *Profiel*, (4), 6-9.

Van Broekhoven, K., Leest, B., Wolbers, M., Allen, J., Belfi, B., van der Velden, R., Westerheijden, D. (2016). *Opbrengsten en kosten van excellentie. Evaluatie van de Sirius-programma's*. *THEMA*, 2, 52-55.

Belfi, B. E., & Huijgen, T. G. (2015). *Werkloosheid daalt van pas afgestudeerde hbo'ers*. *Economisch Statistische Berichten*, 100(4720), 621-621.

Goos M., Belfi B., Lamote C., Van Damme J. (2010). *Zittenblijven op jonge leeftijd: 1 stap achteruit en vervolgens 2 stappen vooruit?* *Welwijs: Wisselwerking Onderwijs en Welzijnswerk*, 21 (2), 26-29.

External reports (reports by order of - or published by - an external organisation)

Allen, J., Belfi, B., & Mommers, A. (2016). *Van starter tot gevorderde: De loopbaanontwikkeling van hbo'ers in de eerste vijf jaren na afstuderen*. (ROA Reports; No. 006). Research Centre for Education and the Labour Market

Belfi B., Haelermans C., De Fraine B. (2016). *Groepssamenstellingseffecen in het basisonderwijs. Een propensity score matching onderzoek. Research paper*. Leuven: Studiepunt Studie- en Schoolloopbanen.

Belfi, B. E., Levels, M., & van der Velden, R. K. W. (2015). De jongens tegen de meisjes : een onderzoek naar verklaringen voor verschillen in studiesucces van jongens. (ROA Reports; No. 005). Maastricht: Research Centre for Education and the Labour Market.

Belfi, B. E., & Huijgen, T. G. (2015). Responsanalyse schoolverlatersonderzoeken. ROA meting 2013. (ROA Technical Reports; No. 003). Maastricht: Research Centre for Education and the Labour Market.

Belfi B., Gielen S., De Fraine B., Verschueren K. (2013). *Hoe de collectieve doelmatigheidsbeleving van lerarenteams wordt beïnvloed door sociaaleconomische schoolcompositie. Een onderzoek naar de rol van organisatieproceskenmerken*. Leuven: Steunpunt Studie- en Schoolloopbanen.

Belfi B., Arkens T., Van Damme J., Gielen S. (2012). *Wiskunde in het lager onderwijs in TIMSS 2003 en TIMSS 2011 in Vlaanderen, zonder internationaal perspectief: Een voorlopige vergelijking*, 39 pp. Leuven: KU Leuven, Centrum voor Onderwijseffectiviteit en -evaluatie / IEA TIMSS.

Belfi B., Cortois L., Moons C., Van Damme J., Van Den Branden K., Van Gorp K., Vanlaar G., Verachtert K., Verhaeghe J., Verhelst M. (2011). *Vorderingen van leerlingen in het leren van Nederlands. Eindrapport OBPWO-project 09.04*, 334 pp. Leuven: Centrum voor Onderwijseffectiviteit & -evaluatie; Centrum voor Taal en Onderwijs.

Adriaenssen A., De Jaeger K., Robben D., Ramaekers C., Borghs M., De Fraine B., Belfi B., Janssens S., Creemers K., Goethals N. (2010). *Leidraad voor opleiding, begeleiding en evaluatie van het LIO-traject. Een handige bundel vol tips en tools!* (89) pp. Leuven, Belgium: School of Education.

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Research footprint outside academia (selection)

Belfi, B. (2017). *NRC checkt: bij de Albert Heijn verdien je meer dan in het basisonderwijs*. NRC.

Belfi, B. (2017). *HBO'ers goed in banen vinden*. De Telegraaf.

Belfi, B. (2017). *HBO'ers komen toch op hun pootjes terecht*. Algemeen Dagblad.

- Belfi, B., & Fouarge, D. (2017). *Niet doorstromen naar het wo: is er leven na het hbo? NOS*.
- Belfi, B. (2017). *Meeste HBO'ers na vijf jaar op hun plek. Nationale Onderwijsgids*.
- Belfi, B. (2017). *Arbeidsmarkt voor hbo'ers in de lift. Science Guide*.
- Belfi, B. (2017). *HBO'ers 5 jaar na afstuderen: meer vaste banen, hoger salaris en leidinggevende positie. Punt*.
- Belfi, B. (2016). *Leerlingen op scholen met hogere sociaal-economische samenstelling beter in wiskunde. De Morgen*.
- Belfi, B. (2016). *Afgestudeerde hbo'ers vinden steeds sneller werk. Metronieuws*.

(6) Academic activities

Grants

- 2017 Program Council Policy Research (NRO PROO): grant (€0.6M) for research program on the flexibility of the Dutch educational system (CA)
- 2017 Program Council Policy Research (NRO ProBo): grant (€0.5M) for research program on the lifelong learning and competence development (CA)
- 2016 Program Council Policy Research (NRO): grant (€50k) for research on teacher data in the Netherlands (CA)
- 2014 Netherlands Ministry of Education, Culture and Science (OCW): grant (€100k) for research program on gender-related educational performance differences (CA)

Referee

American Educational Research Journal, Teaching and Teacher Education, School Effectiveness and School Improvement, British Education Research Journal, Educational Research Review, Journal of Early Adolescence, Learning and Individual Differences

Network memberships

- 2017 Member of the European Association for Research on Learning and Instruction (EARLI)
- 2016 Fellow of Maastricht University's Graduate School of Business and Economics (GSBE)
- 2014 Associate member of the Centre for Educational Effectiveness and Evaluation of the KU Leuven (BE)

(7) Academic teaching activities

Courses taught in and coordinated

- 2017 Creative Problem Solving (Maastricht Science Programme; MSc)

- 2017 Creative Problem Solving (Faculty of Honours Programmes; BSc)
- 2017 Creative Problem-Solving and Communication Skills for Emerging Markets (Maastricht School of Business and Economics; BSc)

Supervision theses and dissertations

- 2017 MSc. Bart Salomez (Maastricht University, School of Business and Economics)
- 2017 MSc. Niccolò Ghirelli (Tilburg University, Faculty of Sociology)
- 2016 MSc. Alessandra Gasparotto (Utrecht University, Faculty of Sociology)
- 2016 – pres. Ph.D. Kim van Broekhoven (Maastricht University, School of Business and Economics)
- 2013 MSc. Griet Vanwynsberghe (KU Leuven, Faculty of Psychology and Educational Sciences)
- 2012 MSc. Jonas Dockx (KU Leuven, Faculty of Psychology and Educational Sciences)
- 2012 MSc. Hanne Vanherberghen (KU Leuven, Faculty of Psychology and Educational Sciences)

(8) Data collection projects and project management

- 2014 – pres. *Research project leader* of the HBO-Monitor (ROA, Maastricht University)
- 2010 – 2012 *National Research Coordinator (NRC)* of the Trends in International Mathematics and Science Study 2011 (TIMSS 2011) of Flanders, Belgium (KU Leuven)

(9) Other activities

- 2017 Organization of DUHR seminar series, School of Business and Economics, Maastricht University