

Short CV of Dr Christophe DIERENDONCK

Research Scientist - Faculty of Humanities, Education and Social Sciences

- Since 2013: Research scientist, permanent contract.
- 2007 – 2012: Auxiliaire scientifique, permanent contract.
- 2004 – 2007: Scientific collaborator on projects
- 2001 – 2004: Researcher at University of Liège

Training

- PhD in Educational and Psychological Sciences, University of Liège (ULg). 2010-2011.
- Diploma of advanced studies in Educational Sciences, ULg., 2001-2002.
- Master in Educational Sciences, ULg., 1998-2001.
- Diploma of Primary teacher, Haute Ecole Charlemagne, Liège, 1995-1998.

Teaching

- Since 2017: Teaching at UL (BSCE, 331, 431, Introduction à la recherche en éducation, 12 ECTS)
- 2009 – 2015: Teaching assistant at UL (Prof. Houssemand - BAP Psycho/Research settings, Master in Assessment/Assesment of competences in school)
- 2001 – 2004: Teaching assistant at the University of Liège (Prof. Lafontaine, Prof. de Landsheere, Prof. Demeuse, Prof. Monseur)

Supervision

- Principal investigator and coordinator of the study “*MENFPIONQS – Large-scale study about kindergarten and primary teachers*”
- Principal investigator and coordinator of the study “*MENFP – Supporting schools in their development*”
- Coordinator of the study “*Internal – Perception of the Epreuves standardisées*”
- Coordinator of the study “*Internal – Students motivation and effort in low-stakes testing*”
- Supervision of several bachelor and master thesis
- Currently member of the CET of three doctoral candidates:
 - Alison Demangeon - University of Nancy – (starting date: 2019)
 - Alice Kamga – Universities of Paris and Yaoundé– (starting date: 2019)
 - Alpha Amadou Diallo – University of Laval – (starting date: 2020)

Reviewer for journals

- *Les Dossiers des Sciences de l'Education* – since 2020
- *Pédagogie médicale* – since 2019
- *Swiss Journal of Educational Science* – since 2019
- *Revue française de pédagogie* – since 2016
- *E-Jiref* – since 2017
- *Mesure et évaluation en éducation (INT2)* – since 2008

International activities

- European Editor of the *Mesure et évaluation en éducation journal (INT2)* – 2014-2018
- President of the Scientific Committee of the 28th international ADMEE-Europe congress – 2016
- Member of the Administration Council of the ADMEE-Europe – 2008-2018
- Main organizer of the 24th international ADMEE-Europe congress – 2012
- Co-organizer of the 19th international ADMEE-Europe congress – 2006

Research interests

- Teaching methods
- Assessment of student learning
- Relationship between schools and families
- Family involvement
- School development
- Regulation of education systems
- Statistics and measurement models
- Student self-concept, motivation and engagement

Merit based funding

- UL FHSE Researchers' Merit-based funding scheme 2020 (ESF assessment – 3/3 positive recommendations)

Research projects (in bold: as PI)

- **2020-2023: MENFP/ONQS – Study about kindergarten and primary teachers (€155'000)**
- 2018-2020: Erasmus+ – Families and schools. The involvement of foreign families in schools.
- 2019: Internal – Quality of the peer-review expertise process in scientific congresses
- 2017-2019: PUL – Development of early number ability through a play-based intervention (MATHPLAY)
- 2017-2018: Erasmus+ – Reducing school dropout (FAVAS)
- **2018: Internal – Perception by the users of the external assessment tool “Epreuves standardisées”**
- **2017: MENFP – Supporting schools in their development (€15'000)**
- **2015-2017: Internal – Students motivation and effort in low-stakes testing**
- 2013: National report of PISA 2012
- 2011-2013: National report of the *Epreuves standardisées*
- 2011-2012: MENFP – Action-research PARTNERS
- 2010: National report of PISA 2009
- 2008-2012: MENFP – Development of the *Epreuves Standardisées* (mathematic test)
- 2004-2008: FNR – The place of the school in the Luxembourgish society of tomorrow
- 2002-2004: MENFP – Research on the effectiveness of open teaching and classrooms

Selected publications

(please see orbilu.uni.lu for complete list of 135 publications)

Doctoral Thesis

- **Dierendonck, C.** (2011). *Ségrégation scolaire, pratiques éducatives familiales et réussite scolaire au Luxembourg*. Unpublished doctoral thesis, University of Liège, Liège, Belgium.

Books

- **Dierendonck, C., Loarer, E., & Rey, B.** (Eds.). (2014). *L'évaluation des compétences en milieu scolaire et en milieu professionnel*. De Boeck.
- Burton, R., & **Dierendonck, C.** (2011). *Les enquêtes internationales*. Québec : Presses Université Laval.
- Martin, R., **Dierendonck, C.**, Meyers, C., & Noesen, M. (2008). *La place de l'école dans la société luxembourgeoise de demain. Vers de nouveaux modèles de fonctionnement du système éducatif*. Brussels, Belgium: De Boeck Université.

Accepted or In press Publications in Peer Reviewed Academic Journal

- **Dierendonck, C., Tóth-Király, I., Morin, A. J. S., Kerger, S., Milmeister, P., & Poncelet, D.** (**In Press**). Testing associations between global and specific levels of student academic motivation and engagement in the classroom. *Journal of experimental education*. <https://doi.org/10.1080/00220973.2021.1913979> PDF
- **Dierendonck, C., de Chambrier, A.-F., Fagnant, A., Luxembourger, C., Tinnes-Vigne, M., & Poncelet, D.** (**Accepted**). Investigating the dimensionality of early numeracy using the bifactor exploratory structural equation modeling framework. *Frontiers in Psychology*.

Selection of Recent Publications in Peer Reviewed Academic Journal

- de Chambrier, A-F, Baye, A., Tinnes-Vigne, M., Tazouti, Y., Vlassis, J., Poncelet, D., Giauque, N., Fagnant, A., Luxembourger, C., Auquièrre, A., Kerger, S., & **Dierendonck, C.** (2021). Enhancing children's numerical skills through a play-based intervention at kindergarten and at home: a quasi-experimental study. *Early Childhood Research Quarterly*, 54, 164-178. <https://doi.org/10.1016/j.ecresq.2020.09.003>
- **Dierendonck, C., Milmeister, P., Kerger, S., & Poncelet, D.** (2020). Examining the measure of student engagement in the classroom using the bifactor model: Increased validity when predicting misconduct at school. *International Journal of Behavioral Development*. 43 (3), 279-286. <https://doi.org/10.1177/2F0165025419876360>
- Poncelet, D., de Chambrier, A-F, Tinnes-Vigne, M., Baye, A., Tazouti, Y., & **Dierendonck, C.** (2020). Pratiques éducatives parentales et premières compétences en numératie des enfants d'âge préscolaire selon le niveau socio-économique et culturel des familles, *Revue internationale de l'éducation familiale*, 47, 119-149.
- Poncelet, D., Tinnes-Vigne, M., & **Dierendonck, C.** (2019). Motivation des parents à s'engager dans l'accompagnement scolaire de leur enfant au préscolaire : l'influence des croyances émotionnelles. *Sociétés et Jeunes en Difficulté: Revue Pluridisciplinaire de Recherche*, 22(Printemps), 1-23.
- **Dierendonck, C., & Cavaco, C.** (2017). Evaluer : pour contrôler ou pour apprendre ? *Evaluer : Journal International de Recherche en Education et Formation*, 3(1-2), 99-100.
- **Dierendonck, C., Kafaï, A., Fischbach, A., Martin, R., & Ugen, S.** (2015). Les Épreuves Standardisées : Élément-clé du pilotage du système éducatif luxembourgeois. *Éducation & Formations*, 86-87, 61-81.
- **Dierendonck, C., & Fagnant, A.** (2014). Approche par compétences et évaluation à large échelle : deux logiques incompatibles ? *Mesure et Evaluation en Education*, 37(1), 43-82.
- **Dierendonck, C.** (2010). Convergences et divergences entre parents et enfants en tant que sources d'information sur la famille. *Mesure et Evaluation en Education [=MEE]*, 33(2).
- Brunner, M., Keller, U., **Dierendonck, C.**, Reichert, M., Ugen, S., Fischbach, A., & Martin, R. (2010). The structure of academic self-concepts revisited: The nested Marsh/Shavelson model. *Journal of Educational Psychology*, 102(4), 964-981. <https://doi.org/10.1037/a0019644>

