

1. Curriculum Vitae for Lisa Björklund Boistrup, February 2016

A. Higher Degrees and Other Studies (PhD courses excluded)

2011	The Faculty of Science's course: Supervision and Leadership (Stockholm University).
2008	Winter school arranged by the Nordic Graduate school in Mathematics Education. Sigtuna, Sweden. Agder University.
2007	Summer school arranged by the Nordic Graduate school in Mathematics Education. Iceland. Agder University.
2006	Summer school arranged by the European Society for Research in Mathematics Education. Jyväskylä University.
2005-2010	PhD studies in mathematics education at Stockholm Institute of Education and Stockholm University.
2000-2004	Education and curriculum studies, 30 hp (61-90 hp), including thesis of 15 hp: "Teachers and assessment: A description and interpretation of teachers' actions in relation to national tests for grade 5 in mathematics.
1999	Course in qualitative research methods, Stockholm Institute of Education (18 hours).
1998-2000	Mathematics education, 30 hp (31-60 hp), Stockholm Institute of Education, including two theses: "Students' spatial sense within place geometry: A case study", and (with Kerstin Larsson) "Do students and teachers see standard algorithms as the only way of calculating?".
1995-2005	Participant in the seminar series "Assessment of knowledge and competence", Stockholm Institute of Education.
1993-1994	In service training in Mathematics, Stockholm Institute of Education, corresponding to 7,5 hp.
1989	In-service course at Stockholm institute of education, "Slow mathematics learning for younger students" Stockholm Institute of Education, 4,5 hp.
1984	Teaching degree, University of Gävle/Sandviken Mellanstadielärare (for grade 4-6).
1979	Upper secondary school, 3 year science program. Sundbybergs gymnasium.

B. Doctorate

2010 PhD in Mathematics Education. Title of dissertation: Assessment discourses in mathematics classrooms: A multimodal social semiotic study. Main supervisor: prof. Astrid Pettersson, assistant supervisors: prof. Staffan Selander, and dr Torbjörn Tambour.

C. Employments

2011 July-now Senior lecturer (assistant professor) in mathematics education at Stockholm University

2008 January Lecturer in mathematics education at Stockholm University
2011 June

1996 July- Lecturer in mathematics education at Stockholm Institute of
1997 June + Education
1998 July-
2007 December

1984 August- Teacher in grades 1-6 with extra hours in mathematics classes
1996 July +
1997 August-
1998 June

D. Postdoctoral

2012 August- Post doctor (60 %) in Mathematics Education at Linköping
2015 February University, where I performed municipality funded research with teachers and others. Collaboration with associative professor Joakim Samuelsson.

E. Supervision

I have supervised 17 theses on undergraduate level. I have been, and currently am, a supervisor for 11 students on graduate level, which are described in detail below.

Finalised thesis on master level where I was the supervisor:

Marica Dahlstedt, Stockholm University. Marica finalized her master thesis in September, 2014. Title: Förväntade kunskaper: En jämförelse av kursplaner i matematik. [Expected knowledge: A comparison of national syllabuses in mathematics.]

I am supervising the following master thesis:

Mona Hverven, Stockholm University. Mona is planned to defend her master thesis in spring 2016. Her interest lies in a comparison of how teachers communicate about mathematics teaching in the beginning and in the end of a developmental project.

Finalised theses within research education where I was assistant supervisor:

Maria Johansson, Malmö University. (I was acting as a main supervisor during most of the process) Maria successfully defended her licenciate (half of a PhD degree) thesis in September, 2014. Title: Transitions making up for (epistemic) gaps: A qualitative study of workers as learners in transition between school mathematics and mathematical activities in the workplace.

Niclas Larson, Linköping University. (I was an assistant supervisor during the last 3 years). Niclas successfully defended his PhD thesis in December 2014. Title: Matematikämnet och stadietbytet mellan grundskolan och gymnasieskolan: En enkät- och klassrumsstudie. [The education of mathematics and the role of the school subject mathematics during the transition from lower to upper secondary school: A survey and classroom study].

I am supervising the following students within research education as main supervisor (in order of expected completion):

Anna-Karin Nordin, Stockholm University. Anna-Karin is planned to defend her licenciate thesis during spring 2016. Her interest lies in mathematical arguments in classroom work with teachers and students.

Anna Pansell, Stockholm University. Anna is planned to defend her PhD thesis in 2018. Her interest lies in mathematics teachers' decision-makings.

Charlotta Andersson, Stockholm University. Charlotta is planned to defend her licenciate thesis in the beginning of 2019. Her interest lies in the teaching of subtraction and negative number in grades 7-9.

Jenny Fred, Stockholm University. Jenny is planned to defend her licenciate thesis in the beginning of 2019. Her interest lies in task design.

Jane Tuominen, Stockholm University. Jane is planned to defend her licenciate thesis in the end of 2019. Her interest lies in the teaching of subtraction and negative numbers in grades 1-3.

I am supervising the following PhD student as an assistant supervisor:

Elisabeth Eriksson, Linköping University. Elisabeth is planned to defend her PhD thesis during 2016. Her interest lies in day-to-day assessments in primary school.

I am also part of the supervisory committee for Jennifer Andersen's PhD at New Brunswick University, Canada.

F. Other scientific achievements

For conference presentations see publication list.

Opponent, exam board member and the like

2016, March	Opponent of 90 % doctoral thesis at Uppsala University. Respondent: Ida Bergvall
2015, September	Reviewer of almost finalized licentiate theses at Linköping University. Respondent: Cecilia Sveider
2014, December	Member of Exam Board for Licentiate thesis at Linköping University. Respondent: Klara Kerekes
2014, November	Opponent of licentiate defence at Kristianstad College University. Respondent: Jenny Green.
2014, November	Opponent of 90 % licentiate thesis at Karlstad University. Respondent: Anna Öhman
2014, September	Member of Exam Board for licentiate thesis at Malmö University. Respondent: Dorota Lembrér
2014, May	Reader of 50 % PhD thesis at Stockholm University. Respondent: Kerstin Larsson
2014, March	Reader of three Licentiate thesis close to finishing at a conference on Mallorca within the Research School for Learning studies. Respondents: Joakim Magnusson, Anna Lövström, Jenny Svantesson
2013, September	Examiner of PhD thesis, Curtin University, Australia. Respondent: Khoula Zahir Khamis Al Hosni
2008, August	Reader of a 90 % manuscript of a licentiate thesis (a half PhD), Stockholm University
2006, May	Reader of a 90 % manuscript of a licentiate thesis (a half PhD), Stockholm Institute of Education. Respondent: Elisabeth Persson

Reviewer for journals

2016 February	Reviewer for Nordic studies in Mathematics education (Nomad)
2015 December	Reviewer for Forskning om Undervisning och Lärande
2015 November	Reviewer for Nordic studies in Mathematics education (Nomad)
2014, April	Reviewer for Forskning om Undervisning och Lärande
2013-2014	Reviewer for Educational Studies in Mathematics
2013, October	Reviewer for Adults Learning Mathematics International Journal
2013, January	Reviewer for Curriculum Studies
2010, October	Reviewer for the Special Edition of CADMO on Innovations in Assessment to meet changing needs

Other (for paper presentations at conferences, see publication list)

2015, July	Participant in Plenary Round table at CIEAEM conference in Aosta, Italy. Topic: Assessment in mathematics education (by invitation)
2015, January	Participant by invitation at <i>The disorder of mathematics education. Working towards research of social and political relevance</i> . Freie Universität. Berlin
2014, February	Participant in panel debate at the Ninth Research Seminar of the Swedish Society for Research in Mathematics Education (by invitation)
2013-2017	Honorary Research Associate in the School of Graduate Studies at University of New Brunswick, Canada
2013, March-Oct	Reviewer of adult module in Matematiklyftet
2013, March-2015	Member of International Coordinators of the conference Mathematics Education in Society
2009, September	Lecture on a conference for the staff of the University of Stockholm, together with prof. Staffan Selander and prof. Ingrid Carlgren
2000-2008	Member of the Swedish Committee for Mathematics Education in the Royal Academy of Science
2007 spring	Scholarly reference person in the Swedish National Agency's work on new national goals to achieve for grade 3

- 2007 spring Scholarly reference person in the government's investigation into the National target system's structure and content.
- 2006-2008 Scholarly reference person for TIMSS grade 4
- G. Administrative credentials and leadership positions (including research administration)**
- 2016-2017 Thematic Working Group Leader at CERME10 in Dublin (by invitation)
- 2016, spring Administrative leader of the research group at Stockholm University: Social and critical aspects in mathematics education (initiator with Eva Norén)
- 2016, spring Facilitator for action research project funded by Malmö municipality on connections between mathematics as a school subject and mathematics as part of a vocational subject in upper secondary school.
- 2014, April-2015 Thematic Working Group Leader at CERME9 in Prague (by invitation)
- 2012-2015 Scientific project leader of research project funded by the Swedish Research Council: *Adults mathematics: In work and for school*, nr 2012-5151. In the project there was a working group of six people (from Sweden, Denmark and Australia) and an international reference group (Denmark, France, Germany, and UK). The project produced qualitative studies, quantitative studies, literature reviews and theoretical constructions.
- 2014 jan-2015 feb Leader of two research projects together with municipality mathematics developers (at Linköping University). Focus on National tests in mathematics and result reporting by school heads in relation to effects on the teaching of mathematics.
- 2012 aug-2014 feb Facilitator of six action research projects with four mathematics teachers in each (at Linköping University). Focus on assessment and communication in mathematics classrooms.
- 2012, spring Convenor of the seminar group for mathematics education research, Stockholm University
- 2010 Within PRIM-gruppen responsible for the development of new national mathematics test for grade 6. Commissioned by the National Agency.

- 2009-2010 Member of Board of Teacher Education at Stockholm University (PhD representative)
- 2009-October 2010 Chairman of PhD student council at the Department of Mathematics and Science Education, Stockholm University
- 1999-2008 Within PRIM-gruppen responsible for the development of various national assessment materials in mathematics reaching respectively around 100 000 students a year (commissioned by the National Agency), such as National test in mathematics for grade 5, National test in mathematics for grade 3, Diagnostic material for grades 1-9.

During the years 1998-2011, I participated in planning the following different kinds of conferences in connection with construction of national assessment materials (often I have been the chair/convenor):

- International peer group. Consisting of leading researchers in mathematics education and assessment (including statistical methods) together with PRIM-gruppen (a research group for assessment of knowledge and competence).
- Reference Groups. Representation from subject departments from several of Swedish Universities, developers of teaching materials, teachers active in schools, the National Agency of Education and several people from PRIM-gruppen.
- Construction Groups. Similar representation as the above group.
- Assessment Groups (target setting). Other researchers, teacher trainers and teachers than those previously involved in the process.
- Internal meetings of PRIM-gruppen. Meetings similar to the above.

H. Teaching and lecturing experiences

- 1996-now Teaching in mathematics education in pre-service teacher training, in service training and courses on graduate level. Currently 850 hours a year
- 1994-1997 Teaching in in-service training on ICT in education
- 1998-now Each year a number of lectures (during the years 2000-2008 often more than 10 per year) for teachers on assessment and/or mathematics education. The audience is normally 100 up to 2000 people
- 1984-1998 Primary school teacher with a main focus on mathematics and grade 4-6

2. Publication list for Lisa Björklund Boistrup (January 2016)

Peer reviewed journal articles

Eriksson, E., Björklund Boistrup, L. & Tornberg, R. (Submitted). A qualitative study on primary teachers' classroom feedback rationales. Submitted to *Scandinavian Journal of Educational Research*.

Eriksson, E., Björklund Boistrup, L. & Tornberg, R. (Under revision). Feedback based on routine classroom assessment in elementary school: A field study. Accepted subject to modifications in *Research Papers in Education*.

Björklund Boistrup, L. & Gustafsson, L. (2014). Construing mathematics-containing activities in adults' workplace competences: Analysis of institutional and multimodal aspects. *Adults Learning Mathematics: An International Journal*, 9 (1), 7-23.

Björklund, L., Pettersson, A., & Tambour, T. (2002). Skolmatematik och universitetsmatematik ur ett didaktiskt perspektiv. *Stockholm Library of Curriculum Studies* 10, 37-56.

Peer reviewed book chapters

Björklund Boistrup, L. (final version submitted). Bedömningskompetens i matematik med fokus på återkoppling [Preliminary title]. In M. Johnsen-Høines & R. Herheim (Eds.) *Matematikksamtar* [Preliminary title]. Norge: Caspar Forlag. Accepted for publication.

Björklund Boistrup, L. (In press). Assessment in mathematics education: A gatekeeping dispositive. In N. Bohlmann, A. Pais & H. Straehler-Pohl (Eds.), *The disorder of mathematics education*. Dordrecht: Springer.

Björklund Boistrup, L. (2015). Governing through implicit and explicit assessment acts: Multimodality in mathematics classrooms. In M. Hamilton, R. Heydon, K. Hibbert & R. Stooke (Eds.), *Negotiating spaces for literacy learning: Multimodality and governmentality*. London: Bloomsbury books.

Sayers, J., Andrews, P., & Björklund Boistrup, L. (2015). The role of conceptual subitising in the development of foundational number sense. In T. Meaney, O. Helenius, M.L. Johansson, T. Lange & A. Wernberg (Eds.), *Mathematics education in the early years* (pp. 371-394). New York: Springer.

Björklund Boistrup, L. (2011). Att fånga lärandet i flykten. In L. Lindström, V. Lindberg. & A. Pettersson. (Eds.), *Pedagogisk bedömning: Om att dokumentera, bedöma och utveckla kunskap* (2nd ed., pp. 108-126). Stockholm: Stockholm universitets förlag.

Pettersson, A., & Björklund Boistrup, L. (2010). National assessment in Swedish compulsory schools. In B. Sriraman, C. Bergsten, S. Goodchild, G. Palsdottir, B. Dahl Søndergaard & L. Haapsalo (Eds.), *The sourcebook on Nordic research in mathematics education* (pp. 373-385). Charlotte, NC: Information Age Publishing.

Björklund Boistrup, L. (2008). Kicki tar körkort: Att bedöma elevers lärande. In A-L. Rostvall & S. Selander (Eds.), *Design för lärande*. (pp. 45-58). Stockholm: Norstedts.

Björklund, L., Pettersson, A., & Tambour, T. (2007). Skolmatematik och universitetsmatematik ur ett didaktiskt perspektiv. In A. Pettersson, T. Tambour & T. Englund (Eds.), *Matematikdidaktiska texter* (pp. 8-26). Stockholm: PRIM-gruppen.

Peer reviewed conference papers etc

Björklund Boistrup, L. & Samuelsson, J. (In press). Power-relations in participatory action research project in mathematics education (Poster text). In K. Krainer & N. Vondrová (Eds.), *Proceedings of CERME 9, Ninth congress of research in mathematics education. 4-8 February, Prague. Czech republic* (pp. 1667-1668). Prague: Charles University in Prague, Faculty of Education.

Björklund Boistrup, L., & Norén, E. (In press). A school for all? Political and social issues regarding second language learners in mathematics education. Paper presented at CIEAEM 67. Accepted for publication in proceedings of *CIEAEM 67*.

Nordin, A-K. & Björklund Boistrup, L. (In press). Mathematical reasoning through a broad range of communicational resources. In K. Krainer & N. Vondrová (Eds.), *Proceedings of CERME 9, Ninth congress of research in mathematics education. 4-8 February, Prague. Czech republic* (pp. 1461-1467). Prague: Charles University in Prague, Faculty of Education.

Pansell, A. & Björklund Boistrup, L. (In press). Justifications for mathematics teaching: A case study of a mathematics teacher in collegial collaboration. In K. Krainer & N. Vondrová (Eds.), *Proceedings of CERME 9, Ninth congress of research in mathematics education. 4-8 February, Prague. Czech republic* (pp. 1637-1643). Prague: Charles University in Prague, Faculty of Education.

Björklund Boistrup, L., & Henningsen, I. (2015). What can a re-analysis of PIAAC data tell us about adults and mathematics in working life? Paper presented at *The tenth research seminar of the Swedish Society for Research in Mathematics Education in Karlstad January 26–27, 2016 (MADIF10)*. Will be published in the proceedings of MADIF10.

Norén, E., & Björklund Boistrup, L. (2015). A multilingual mathematics classroom: Various realities. *Quaderni di Ricerca in didattica*, 24(1), pp.388-391.

Björklund Boistrup, L. (2014). Assessment, governmentality, and school mathematics. Paper presented at *The disorder of mathematics education. Working towards research of social and political relevance*. Conference by invitation at Freie Universität. Berlin. 2015 January 15-18.

Björklund Boistrup, L. & Gustafsson, L. (2014). Analysing and construing mathematics containing designing activities in adults' workplace competences. *Quaderni di Ricerca in didattica*, 24(1), 86-89.

Björklund Boistrup, L. Norén, E. (2013) Power relations in mathematics education: Researching assessment discourses in day-to-day communication in mathematics classrooms. In M. Berger, K. Brodie, V. Frith and K de Roux (Eds.), *Proceedings of Mathematics Education and Society 7th International Conference, Cape Town, South Africa, 2-7 April 2013* (pp. 232-241). Cape Town: MES7.

Johansson, M. C. & Björklund Boistrup, L. (2013). It is a matter of blueness or redness: Adults' mathematics containing competences in work. In B. Ubuz, Ç. Haser & M. A. Mariotti (Eds.), *Proceedings of the Eighth Congress of European Society for Research in Mathematics Education* (pp. 1744-1753). Ankara: Middle East Technical University.

Norén, E. Björklund Boistrup, L. (2013). What is a group? Theoretical considerations when researching affordances for multilingual students' mathematical learning. In M. Berger, K. Brodie, V. Frith & K de Roux (Eds.). *Proceedings of Mathematics Education and Society 7th International Conference, Cape Town, South Africa, 2-7 April 2013* (pp. 431-440). Cape Town: MES7.

Björklund Boistrup, L. & Norén, E. (2012). Equity in mathematics classrooms: Assessment discourses in day-to-day communication. Paper presented at 2th *International Congress of Mathematical Education, TSG 2, July 8-15th 2012, COEX, Seoul*.

Björklund Boistrup, L. (2010). Classroom assessment in mathematics – a review of articles in two journals. In C. Bergsten, E. Jablonka & T. Wedege (Eds.), *Proceedings of MADIF 7: The seventh mathematics education research seminar. Stockholm, January 26-27, 2010* (pp. 69-79). Linköping: SMDF.

Björklund Boistrup, L. (2010). Discourses of assessment actions in mathematics classrooms. In U. Gellert, E. Jablonka, & C. Morgan, (Eds.), *Proceedings of the sixth international mathematics and society conference 20th-25th March 2010, Berlin, Germany* (pp. 141-150). Berlin: Freie Universität Berlin.

Björklund Boistrup, L., & Selander, S. (2009). Coordinating multimodal social semiotics and an institutional perspective in studying assessment actions in mathematics classrooms. In V. Durand-Guerrier, S. Soury-Lavergne & F. Arzarello (Eds.), *Proceedings of CERME 6, Sixth Conference of European Research in Mathematics Education* (pp. 1565-1574). Lyon, France: Institut national de recherche pédagogique.

Björklund Boistrup, L. (2007). Assessment in the mathematics classroom: Studies of interaction between teacher and pupil using a multimodal approach. In D. Pitta – Pantazi & G. Philippou (Eds.), *CERME 5. European Research in Mathematics Education: Proceedings of the Fifth Congress of the European Society for Research in Mathematics Education* (pp. 1160-1169). Cyprus: Department of Education, University of Cyprus.

Björklund, L. (2004). Teachers and assessment – A description and interpretation of teachers' actions connected with the mathematics assessment in school year 5. Paper presented at *ICME 10 (The 10th International Congress on Mathematical Education)*, Copenhagen July 2004.

Björklund, L. (2004). Teachers and assessment – A description and interpretation of teachers' actions in various assessment situations connected with the National Test in Mathematics for school year 5. In C. Bergström & B. Grevholm. (Eds.), *Proceedings of MADIF 4. The 4th Swedish Mathematics Education Research Seminar. Malmö, January 21-22, 2004* (pp. 88-95). Linköping: SMDF.

Alm, L., & Björklund, L. (2001). Assessment of younger children's mathematical knowledge. In C. Bergström. *Proceedings of NORMA 1, The third conference on mathematics education, Kristianstad, Sweden, 8-12 June, 2001. Conceptions of mathematics.* (pp. 6-8).

Pettersson, A., Björklund, L., & Kjellström, K. (2000). From steering the teachers to supporting them, the national tests in Sweden. Paper presented at *ICME 9 (The 9th International Congress on Mathematical Education)*, Tokyo August 2000.

Monographs, books

Furness, A., & Björklund Boistrup, L. *Mönster i matematiken*. Stockholm: Liber.

Björklund Boistrup, L. (2013). *Bedömning i matematik pågår! Återkoppling för elevers engagemang och lärande*. Stockholm: Liber. [Peer reviewed by prof. Astrid Pettersson, prof. Staffan Selander, senior lecturer Eva Noren]

Björklund Boistrup, L. (2010). *Assessment discourses in mathematics classrooms: A multimodal social semiotic study*. (Doctoral thesis). Stockholm: Stockholm University.

Research reports written for teachers. Peer reviewed.

Björklund Boistrup, L., Folkare, C., Jönsson, B., Rydh, A., & Öberg Uhlin, M. (2015). *Matematikens fem förmågor och huvudräkning. Aktionsforskning om bedömning i matematik i Linköping HT 2013*. Linköping: Linköpings kommun. [Peer reviewed by prof. Ole Björkqvist]

Björklund Boistrup, L., Broomé, Å., Jonsson, I., Lagerlund, L., & Olovsson, S. (2014). *Muntlig kommunikation inom algebra – hur bedömer vi det? Aktionsforskning om bedömning i matematik i Norrköping HT 2013*. Norrköping: Norrköpings kommun. [Peer reviewed by prof. Ole Björkqvist]

Björklund Boistrup, L. & Samuelsson, J., Anglesjö, M., Gyllander, J., Ruul, P., & Vestling, A. (2013). *Fuskböcker och agenter i matematikklassrummet. Aktionsforskning om bedömning i matematik*. Norrköping: Norrköpings kommun. [Peer reviewed by prof. Ole Björkqvist]

Björklund Boistrup, L., Samuelsson, J., Bengtsson, K., Bertilsson, U., Grundström, M., & Järvstråt, M. (2013). *Betydelsen av tystnad. Aktionsforskning om bedömning i matematik*. Linköping: Linköpings kommun. [Peer reviewed by prof. Ole Björkqvist]

Björklund Boistrup, L. & Samuelsson, J., Bergehed, A., Karlsson, S., Knutson, A. Vilhelmsson, E. (2013). *Smittande samtal mellan lärare och elev. Aktionsforskning om bedömning i matematik*. Norrköping: Norrköpings kommun. [Peer reviewed by prof. Ole Björkqvist]

Björklund Boistrup, L. & Samuelsson, J. Dalsjö, M., Ingelshed, L.; Carlsson, L-Å., & Larsson, K. (2013). *Elever som skriver och ingriper. Aktionsforskning om bedömning i matematik*. Linköping: Linköpings kommun. [Peer reviewed by prof. Ole Björkqvist]

Editorial

Editor of papers and poster texts in TWG10 at CERME 9 together with Hauke Straehler-Pohl, Tamsin Meaney, and Mônica Mesquita. On a total 144 pages with 19 papers and 6 poster texts, and the following editorial text:

Björklund Boistrup, L., Meaney, T., Mesquita, M., & Straehler-Pohl, H. (In press). Introduction to the papers of TWG 10: Diversity and mathematics education –social, cultural and political challenges. In Krainer, K., & Vondrová, N. (Eds.). *Proceedings of CERME 9, Ninth congress of research in mathematics education. 4-8 February, Prague. Czech republic* (pp. 1534-1537). Prague: Charles University in Prague, Faculty of Education.

Other reports

Björklund Boistrup, L. Vuxnas matematik: I arbetet och för skolan. In Vetenskapsrådet (Ed.), *Resultatdialog 2015* (pp. 56-69). Stockholm: Vetenskapsrådet.

Björklund Boistrup, L. (2005). Granskning av finlandssvenska läromedel i matematik. In S. Selander. *Skolans blick och textens röst – om svenskspråkiga läromedel för den finlandssvenska grundskolan i Finland* (pp. 233-277). Helsingfors: Universitetstryckeriet.

Björklund Boistrup, L. (2005). Granskning av finlandssvenska läromedel i naturvetenskapliga ämnen. In S. Selander. *Skolans blick och textens röst – om svenskspråkiga läromedel för den finlandssvenska grundskolan i Finland* (pp. 279-304). Helsingfors: Universitetstryckeriet.

Fritzén, L., Björklund, L., Holmqvist, M., Wallby, K., & Olsson, I. (2004). *Rapport från arbetsgruppen för skolår 1-8*. Work group report to Matematikdelegationen. (46 pages).

Pettersson, A., Kjellström, K., & Björklund, L. (2001). Kompetensutveckling för lärare i matematik ur ett utvärderingsperspektiv. In B. Johansson et al. (Eds.), *Hög tid för matematik* (pp. 129-139). Göteborg: NCM.

Alm, L., & Björklund, L. (2000). Matematik. In Skolverket (Eds.), *Ämnesprovet i svenska, engelska och matematik för skolår 5 vårterminen 2000* (pp. 12-15). Stockholm: Skolverket.

Alm, L., & Björklund, L. (1999). Matematik. In Skolverket (Eds.), *Ämnesprovet i svenska, engelska och matematik för skolår 5 vårterminen 1999* (pp. 12-15). Stockholm: Skolverket.

Other book chapters

Björklund Boistrup, L. (2011). Bedömning för engagemang och lärande. In B. Bergius, L. Emanuelsson, G. Emanuelsson & R. Ryding (Eds.), *Matematik ett grundämne. Nämnaren TEMA 8* (pp. 243-254). Göteborg: Nämnaren.

Björklund Boistrup, L., & Skytt, A. (2011). Ämnesprovet i åk 3. In B. Bergius., L. Emanuelsson., G. Emanuelsson. & R. Ryding (Eds.) *Matematik ett grundämne. Nämnaren TEMA 8* (pp. 255-262). Göteborg: Nämnaren.

Björklund Boistrup, L. (2007). Hur upptäcker vi kunskap som barn visar? In G. Emanuelsson & E. Doverborg (Eds.), *Matematik i förskolan. Nämnaren Tema 7* (pp. 29-34). Göteborg: Nämnaren.

Björklund, L. (2004). Pedagogisk bedömning – stöds den i ämnesprovet? In Skolverket (Ed.), *Att visa vad man kan* (pp. 116-125). Stockholm: Skolverket.

Articles and chronicles written for teachers

- Björklund Boistrup, L. (2014). Bjud in eleven i lärandet med rätt återkoppling. *Lärorik. En skrift för pedagogisk utveckling inom förskola och grundskola. Linköping. Nr 1*, 3-4.
- Björklund Boistrup, L. (2014). Premiera lärartillgänglig forskning. *Skolvärlden 2014 Nummer 1*. Neddladdad 2014-12-20 från <http://skolvarden.se/artiklar/premiera-larartillganglig-forskning>.
- Björklund Boistrup, L. (2014) Vi behöver undvika undervisningens tomma lådor och fylla dem med att eleverna får engagera sig i ämnet matematik. *Skolvärlden 2014 Nummer 10*, pp. 24.
- Carlsson, L-Å., Dalsjö, M., Ingelshed, L., Larsson, K., Samuelsson, J., & Björklund Boistrup, L. (2014). Bjud in eleverna att påverka sin matematikundervisning. *Nämnanen. Tidskrift för matematikundervisning.2014(4)*, 9-15.
- Bengtsson, K., Bertilsson, U., Grundström, M., Järvstråt, M., Samuelsson, J., & Björklund Boistrup, L. *Nämnanen. Tidskrift för matematikundervisning.2013(2)*, 81-84.
- Bergehed, A., Karlsson, S., Knutson, A., Vilhelmsson, E., Samuelsson, J., & Björklund Boistrup, L. (2013). Att fokusera elevernas matematiska fokus. *Venue. Tanke- och kunskapsutbyte av erfarenheter och forskning om förskola och skola*. Downloaded 2014-12-20 from <http://www.liu.se/uv/lararrummet/venue/att-fokusera-elevernas-matematiska-fokus?l=sv>
- Wedegge, T., & Björklund Boistrup, L. (2012). Från arbetet till skolan – Ett forskningsprojekt om vuxnas matematik. *Nämnanen. 39 (1)*, 50-54.
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