

Name: Svetlana Chachashvili-Bolotin

Date: 30.01.2021

CURRICULUM VITAE

1. Personal Details

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2. Higher Education

A. Undergraduate and Graduate Studies

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
1993-1997	Tel Aviv University- Department of Sociology and Department of Education	B.A. (Cum Laude)	1997
1997-1999	Tel Aviv University- Department of Sociology and Department of Education	M.A. (Cum Laude)	1999
2001-2007	Tel Aviv University- Department of Sociology and Department of Education	Ph.D.	2007
2015-2017	Tel Aviv University- Education Department	Educational Diploma	2017

3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
2007-2009	The College of Management Academic Studies (The Colman College) School of Communication	Adjunct lecturer
2007-2010	The Zinman College of Physical Education and Sport Sciences at the Wingate Institute	Lecturer
2008-2016	Ruppin Academic Center	Lecturer

	Department of Social and Community Sciences	
2016-present	Ruppin Academic Center, Department of Social and Community Sciences	Senior lecturer
*2019	The University of British Columbia Faculty of Education Department of Curriculum and Pedagogy	Visiting scholar

4. Offices in Academic Administration

Dates	Unit/Committee	Role/Position
2008 – present	Teaching committee of the MA program on Immigration and Social Integration	Committee member
2008 - present	Selection/acceptance committee of the MA program on Immigration and Social Integration	Committee member
2012 -2013	The Institute for Immigration and Social Integration, Project "Academy in the field"	Head of the evaluation team
*2017 - present	The Institute for Immigration and Social Integration, ERASMUS project	Committee member of the evaluation team
*2017 - present	The Institute for Immigration and Social Integration	Committee member
*2019	Promotion committee (senior lectures)	Committee member
*2020/21	MA Program on Immigration and Social Integration	Active Head

5. Scholarly Positions and Activities outside the Institution

a. Professional Functions Outside Universities/ Institutions

Dates	Institution	Role/Position
2005-2006	Center of Planning, Evaluation and ICT Education, Culture and Sports Authority Municipality of Tel Aviv-Yaffo	Senior researcher
2006-2007	Center for Economic and Social Research Municipality of Tel Aviv-Yaffo	Senior researcher
2008-2011	BMBF (the German Ministry of Education and Science)	Researcher
2011 - 2015	Municipality of Ashdod	Head of Information, Research and Estimation Department

Dates	Institution	Role/Position
*2017	Israel National Road Safety Authority	Active Head of the Information and Research Division

b. Membership in Professional/Scientific Societies

Dates	Organization	Role/Position
2008 - present	The Israeli Sociological Association (ISA)	Member of the ISA
2011 - present	The Israeli Association for Program Evaluation (IAPE)	Member of the IAPE
2015-present	The Israeli Sociological Association-Board	The representative member of applied sociology in the ISA board
2015-present	Ministry of Education	Member of the professional committee
*2016-2018	Ort Education	Member of ISTEAM committee
*2018-present	Central Bureau of Statistics	Member of PIAAC committee

c. Evaluation and Review in Scientific Journal and Research Funds

Date	Role	Name of Journal/Research Fund
2014	European Sociological Review- ESR	Reviewer- manuscript
2015	Research in Social Stratification and Mobility – RSSM	Reviewer- manuscript
2016	European Sociological Review- ESR	Reviewer- manuscript
*2017	European Sociological Review- ESR	Reviewer- manuscript
*2017	British Educational Research Journal- BERJ	Reviewer- manuscript
*2018	European Sociological Review- ESR	Reviewer- manuscript
*2018	European Research Counsel	Evaluation of proposal
*2019	International Migration	Reviewer- manuscript
*2019	Zeitschrift für Weiterbildungsforschung	Reviewer- manuscript
*2019	STEM Education Frontiers	Reviewer- manuscript
*2020	International Migration	Reviewer- manuscript
*2020	International Migration Review	Reviewer- manuscript
*2020	International Journal of Science Education	Reviewer- manuscript

6. Participation in Scholarly Conferences

a. Active Participation

Active participation in international conferences

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
November 2009	Inequality in Education: Germany and Israel	Jena, Germany	Competencies and achievements among immigrant and native students in Israel and Germany	Lecturer/presenter
March 2010	BMBF project	Berlin, Germany	Educational expectations: The case of immigrant students from the FSU and native-born Jewish students in Israel	Lecturer/presenter
June 2013	International Perspectives on Technology-Enhanced Learning: Lessons, Challenges and Possibilities	UBC, Vancouver, BC, Canada	An international study of technology use in Mathematics and Science teacher education,	Lecturer/co-presenter
July 2014	STEM Conference	UBC, Vancouver, Canada.	Gender & socio-economic gaps in secondary students' interest in pursuing STEM fields in tertiary education in Israel	Lecturer/presenter
*November 2016	Twenty five years later (1991–2016): between Soviet past and unclear Eurasian future	European Open University Budapest, Hungary	Cognitive skills and labor market experience of FSU immigrants in Israel	Lecturer/presenter
*September 2017	the 10th Annual EUROMED Conference. Global and national business theories and practice: bridging the past with the future	Academy of Business, Roma	The effect of digital variables on perceived employability in an ethnic minority and hegemonic group.	Lecturer/presenter

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
*February 2018	ERASMUS	Berlin	DEMO project	Lecturer/presenter
*September 2018	SISP Conference	University of Turin, Italy	The role of religiosity in education policy in France and Israel	Lecturer/presenter
*November 2018	Numeracy as Part of Adult (Basic) Education: International and Comparative Perspectives	Besenbinder derhof, Hamburg, Germany	Cognitive skills and labor market experience of FSU immigrants in Israel	Lecturer/presenter
*November 2018	STEM 2018	Brisbane, Queensland, Australia	Enrollment in Mathematics and Physics at the advanced level in secondary school among two generations of high-skilled immigrants	Co-presenter
*November 2018	ICERI2018 Conference	Seville, Spain	STEM or S.T.E.M.? Challenging a traditional paradigm through innovative three-step approach to STEM teacher education.	Co-presenter
*April 2019	AERA	Toronto, Canada	Challenging the technology myth in STEM teacher education: from theory to practice	Lecturer/presenter
*June 2019	The Migration Conference' 19	Bari, Italy	STEM track enrolment among two generations of immigrant students from high-skilled parental background	Co-presenter

Active participation in **international conferences in Israel**

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
June 2007	New Trends in Education	Tel Aviv University, Israel	Immigration of 90s from the FSU as one of the main factors of the educational reform in higher education in Israel	Lecturer/presenter

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
May 2008	Literacy and Language	Bar-Ilan University, Israel	The effects of student's socio-economic status and school characteristics on educational achievements among 1990s' Immigrants	Lecturer/presenter
November 2008	29th GIF (Germany Israel Foundation) Meeting	Kibbutz Tsuba, Israel	Immigration and education: The case of Israel	Lecturer/presenter
May 2010	Canada-Israel Bilateral Forum on Migration	Ruppin Academic Center, Israel	Educational achievements and study patterns among immigrants from the FSU in Israeli secondary school	Lecturer/presenter
March 2012	Annual meeting of Israeli Sociological Society	Hebrew University, Jerusalem, Israel	The digital divide as a social gap – Indeed? Inequality of computer and internet access and use among immigrants in Israeli society	Lecturer/presenter
February 2014	Annual meeting of Israeli Sociological Society	Tel Aviv University, Israel	Religious segmented assimilation: The case of integration of Western immigrants in the Israeli secondary education system	Lecturer/presenter
May 2014	The 3rd International Conference on Immigration & Social Integration	Ruppin Academic Center, Israel	Integration of Western immigrants in the Israeli secondary education system	Lecturer/presenter
March 2016	Between Two Homelands – Immigrants Children in Israel, Conference	Tel-Aviv University, Israel	Educational achievements of Western immigrants in Israeli schools.	Lecturer/presenter
*January 2017	Annual meeting of Israeli Sociological Society	Open University, Raanana, Israel	The cognitive skills and labor market integration among FSU immigrants. Presented at the 48rd conference of	Lecturer/presenter
*March 2017	PIAAC database	CBS, Jerusalem, Israel	The cognitive skills and labor market integration among FSU immigrants, CBS, Jerusalem.	Lecturer/presenter

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
*June 2017	On Immigration and Social Integration	Ruppin Academic Center, Israel	Immigrant Integration – Integration Indices	Lecturer/presenter
*September 2017	IAREP Conference 2017 Leveraging Behavioral Insights	The College of Management and academic studies, Rishon Lezion, Israel	Cognitive skills, job satisfaction and economic wellbeing of FSU immigrants in Israel	Lecturer/presenter
*January, 2019	People on the Move-Migration and Mobility, Tel Aviv University	Tel-Aviv University, Israel	Satisfied with Less? Mismatch between Subjective and Objective Position of Immigrants and Native-born Men and Women in the Labor Market	Co-presenter
*October 2018	"Star Trek" Conference	Tel-Aviv University, Israel	STEM fields and Immigration	Lecturer/presenter
*May 2019	16th Jerusalem Conference in Canadian Studies	Hebrew University, Israel	Breaking the boundaries: From innovation to practice in STEM teacher education	Lecturer/presenter
*December 2019	The Ruppin Academic Center	Canada-Israel Forum on Immigration and Integration	The Ruppin Index for Immigrant Integration at the Local Level	Lecturer/presenter
*June 2020	The Institute for Immigration and Social Integration	Webinar	Public Attitudes toward Policies related to Labor Immigrants and Asylum Seekers in Israel	Lecturer/presenter
*December 2020	Thessaloniki, Greece	International Conference on Management of Educational Units	Beyond the pandemic: a novel approach for creating engaging online stem learning environments at secondary and postsecondary levels	Lecturer/presenter

7. Invited Lectures\Colloquium Talks

Date	Place of Lecture	Name of Forum	Presentation/Comments
November 2014	Hotel Metropolitan, Tel-Aviv, Israel	The German group of the Bundeszentrale für politische Bildung (bpb)	Integration of the FSU immigrants in Israel
January 2015	The U.S. Embassy, Tel-Aviv, Israel	Public Affairs Office	Gender and socio-economic gaps in secondary students' interest in pursuing STEM fields in tertiary education in Israel
January 2015	Ministry of Education, Jerusalem, Israel	Forum of MEGASHRIM in the Israeli education system	Integration of French-speaking immigrants in primary and secondary education
October 2015	Ruppin Academic Center, Israel	Young leadership from the USA	Integration of the FSU immigrants in Israel
*October 2016	Jerusalem	Forum of Municipalities	Educational achievements of Western immigrants in Israeli schools.
*May 2017	Tel-Aviv, Israel	Forum of Municipalities	STEM education and immigrant students in Israeli schools.
*September 2017	Hotel Metropolitan, Tel Aviv, Israel	The German group of the Bundeszentrale für politische Bildung (bpb)	Visible and invisible borders of the Israeli education system
*July 2019	The Van Leer Institute, Jerusalem, Israel	Sochnut, Jewish Agency	Evaluation of Jewish Agency Young Aliyah Programs
*September 2019	The University of British Columbia, Canada	Research seminar for graduate students	Immigration and education:
*September 2019	The University of British Columbia, Canada	Seminar series: Department of Curriculum & Pedagogy	STEM outcomes of second-generation Israeli immigrant students with high-skilled parental backgrounds
*January 2021	Tel-Aviv University	Seminar series: Department of Sociology & Anthropology	Immigration and Education

8. Research Grants

a. Grants Awarded

Role in Research	Co-Researchers	Topic	Founded by/Amount	Year
PI	Dr. Sabina Lissitsa	Inequality of computer and internet access and use among immigrants in Israeli society	Ruppin Academic Center 1,000 \$	2013
PI	Prof. Marina Milner-Bolotin	Gender and socio-economic gaps in student interest to pursue STEM fields in tertiary education: The case of Israel	Ruppin Academic Center 1,000 \$	2014
PI	Dr. Sabina Lissitsa	Adoption of ICT by senior citizens during the past decade	Ruppin Academic Center 1,000 \$	2015
PI	Dr. Sabina Lissitsa	Cognitive skills and labour market experience of FSU immigrants in Israel	Ruppin Academic Center 1,000 \$	2016
PI	Dr. Sabina Lissitsa	Cognitive skills and labour market experience of FSU Immigrants in Israel	Ruppin Academic Center 1,000 \$	2017
PI	Dr. Sabina Lissitsa	Enrollment in Mathematics and Physics at the advanced level in secondary school among two generations of highly skilled immigrants	Ruppin Academic Center 2,000 \$	2018
PI	Dr. Sabina Lissitsa	STEM outcomes of second-generation Israeli immigrant students with high-skilled parental backgrounds	Ruppin Academic Center 4,000 \$	2019
PI	Dr. Sabina Lissitsa	Occupational reproduction and mobility in STEM – Parental narratives of their children occupational choice	Ruppin Academic Center 4,000 \$	2020

b. Submission of Research Proposals – Pending

Role in Research	Co-Researchers	Topic	Founded by/Amount	Year
Co-PI	Prof. Karin Amit	Evaluation of Jewish Agency Young Aliyah Programs	Sochnut, 71,569 NS	2019
Co-PI	Dr. Ravit Talmi-Cohn	Post-Migration Practices of Success in the Transnational Context: The Case of Men from Three Different Ethnic Groups in Israel	189,000NS	2020

c. Submission of Research Proposals – Not Funded

Role in Research	Co-Researchers	Topic	Founded by	Year	Score
PI	Dr. Tali Yogev -	Economic Empowerment – Girls in STEAM -- G4MS: Girls for Marine Science	the U.S. Embassy (\$40,000)	2015	
PI	Dr. Sabina Lissitsa	First and second generation of STEM students: Analysis of combined effect of parental education and occupation on student choice of field of study in tertiary education	Spencer Foundation (\$50,000)	2016	
PI	Dr. Sabina Lissitsa	The choice of tertiary education field of study among potential first and second generation STEM students	ISF (\$70,000)	2017 *	
PI	Dr. Sabina Lissitsa	Effects of the mother's and the father's STEM-related occupations on their sons' and daughters' fields of study in tertiary education Students	ISF (\$75,000)	2019 *	
Co-PI	Dr. Sabina Lissitsa	Intergenerational occupational reproduction and mobility in STEM: The role of parental STEM-related occupations in tertiary study choices of their children	Spencer Foundation (\$50,000)	2019 *	

Role in Research	Co-Researchers	Topic	Founded by	Year	Score
Co-PI	Prof. Milner-Bolotin Prof. Sabina Lissitsa	Multi-Generational Technology-Enhanced Educational Mentoring as a Response to COVID-19 Crisis	Spencer Foundation (\$50,000)	2020*	

9. Scholarships, Awards and Prizes

- 2008 International Fall School on Research Methods "Workshops on Methods for Longitudinal Data Analysis", Jena, Germany.
- 2010 International School on Research Methods "Workshops on Methods for Data Analysis", Berlin, Germany.
- 2014 Best Paper Reward presented for "Gender & Socio-Economic Gaps in Secondary Students' Interest in Pursuing STEM Fields in Tertiary Education in Israel", STEM Conference, 2014, July 12-15, UBC, Vancouver, Canada.
- 2019* 2019 – 2020 International Visitor at UBC, Vancouver, Canada.
- 2020* Teaching Award (Ruppin Academic Center)
- 2021* Teaching and Research Award (Ruppin Academic Center)

10. Teaching

a. Courses Taught in Recent Years

Year	Name of Course	Type of Course Lecture/Seminar/Workshop/High Learn Course/Introduction Course (Mandatory)	Degree	Number of Students
2009-present	Research methods for MA	Lecture (Mandatory)	MA	20-25
2009-2012	Introduction to immigration studies in Israel	Introduction Course (Mandatory)	MA	20-25
2009- 2012	Statistics for MA	Lecture (Mandatory)	BA	20-25
2009-present	Immigration and Education	Lecture (Mandatory)	MA	20-25
2012-present	Statistics B	Lecture (Mandatory)	BA	40
2013-2017	Methodology A+B	Introduction Course (mandatory)	BA	40-60
2013-present	Multiculturalism - from Theory to Practice	Lecture (Mandatory)	MA	20-25
2016-present	Inequality and Immigration	Seminar	MA	20-25
2016-present	Sociology of Health	Lecture (Mandatory)	BA	70
2017-2018	Statistical Methods for the Social Sciences	Lecture (Mandatory)	Ph.D	10
2019-2020	Inequality in society	Seminar	BA	35

b. Supervision of Graduate Students

Name of Student	Title of Thesis	Degree	Date of Completion/in Progress	Students' Achievements
Revital Duek	STEM education and	Ph.D	In progress, With Prof. R. Kark	Second level: Proposal was approved

	gender inequality			
Merav Kalik-Lerner	Gender inequality in STEM education	MA	In progress, With Prof. Idit Avrahami and Prof. S.Lissitsa	

12. Professional Experience

My long-term goal is to strengthen connections between the academy and practice. I consider myself as an applied sociologic researcher-practitioner whose research informs practice and whose practice affects research. Therefore, my research, professional contributions, and my teaching are inextricably intertwined.

In early 2011, I founded Information, Research and Evaluation Department in the Education Division of the Municipality of Ashdod (the fifth largest city in Israel). During its first year of operation, the Department received recognition as a research unit by the Central Bureau of Statistics of Israel (CBS). I served as its head from 2011-2015. During this period, I have been involved in initiating, setting up and managing educational databases and conducting ongoing research in the field of education. My responsibilities included: preparing and developing research and assessment tools, developing research surveys and questionnaires, designing computerized tools for reporting, facilitating research cooperation with the management staff in formal and informal educational institutions, and leading educational research, as well as conducting advanced analyzes and writing research reports and discussion papers for decision-makers. I also initiated and promoted cooperation with managers at the Central Bureau of Statistics, the Israeli Ministry of Education and the National Authority for Measurement and Evaluation. During my work, I was a member of professional forums in the field of education locally, nationally, and internationally: STEM education forum, the secondary education forum, the matriculation and dropout forum, etc. In 2013, I initiated the establishment of a forum for evaluation leaders in local government education for cooperation between different authorities.

As a Director of the Research Education Division, in 2014 I had a unique opportunity to conduct STEM education research in a large Israeli city and influence the educational policy. Results of this study (regarding different ways of encouraging

secondary students to pursue STEM fields both in high school and at university), were published¹ in *International Journal of Science Education*.

In February 2015, I was chosen by the Department of Public Affairs of the U.S.A. Embassy to Israel to participate in the International Visitor Leadership Program that focused on women's contributions to science, technology, engineering and mathematics (STEM) through research and development, education and teaching, leadership and public policy formation. Since 2015, I have been a member of the professional committee of Ministry of Education. In addition, in 2017 I served as an Active Head of the Information and Research Division at Israel National Road Safety Authority.

¹ Chachashvili-Bolotin, Svetlana, Milner-Bolotin, Marina and Lissitsa, Sabina. 2016. "Examination of Factors Predicting Secondary Students' Interest in Tertiary STEM Education". *International Journal of Science Education*.
<http://dx.doi.org/10.1080/09500693.2016.1143137>

PUBLICATIONS

A. Ph.D. Dissertation

Bolotin, S. The Effects of the Immigration on Educational Attainments of Immigrants and Native Israelis, approved 2007, 105 pages, in Hebrew, Tel-Aviv University, Israel.

Supervised by: Prof. Yossi Shavit and Prof. Hanna Ayalon.

B. Articles in Refereed Journals

Published

1. Shavit, Y., Cohen, Y., Stier, H., & **Bolotin, S.** (1999). Ethnic inequality in university education in Israel. *Jewish Journal of Sociology*, 41(1-2), 5-23.
2. **Bolotin-Chachashvili, S.**, Shavit, Y., & Ayalon, H. (2002). Expansion and Equality in Israeli Higher Education. *Israeli Sociology*, 2, 317-47. (in Hebrew).
3. **Chachashvili-Bolotin, S.**, Lissitsa, S. , & Galily, Y. (2010). Physical Activity Involvement in Israel. *Harefuah* 149(6): 349-353 (in Hebrew).
4. Lissitsa, S., Galily, Y., & **Chachashvili-Bolotin, S.** (2010). Talking or acting? Gender differences in physical activity participation in Israel at the threshold of the 21st century. *European Journal for Sport and Society*, 7(1), 31-40.
5. **Chachashvili-Bolotin, S.** (2011). Educational achievements and study patterns of immigrants from the Former Soviet Union in Israeli secondary schools. *Canadian Issues*, 97-103.
6. **Chachashvili-Bolotin, S.**, Shavit, Y., & Ayalon, H.(2011). Immigration in the 1990s from the Former Soviet Union and the Higher Education System in Israel in the First Half of the 1990s. *Economical Herald of Donbas* 4 (26), 106-113.
7. Lissitsa, S., & **Chachashvili-Bolotin, S.** (2013). “The Digital Divide as a Social Gap – Indeed? Inequality of Computer and Internet Access and

- Use among Immigrants in Israeli Society. *Misgarot Media* 10, Winter: 1-17 (Hebrew).
8. Lissitsa, S., & **Chachashvili-Bolotin, S.** (2014). Use of the Internet in Capital Enhancing Ways-Ethnic Differences in Israel and the Role of Language Proficiency. *International Journal of Internet Science*, 9(1),9-30.
 9. **Chachashvili-Bolotin, S.**, & Lissitsa, S. (2015). Religious Segmented Assimilation: The Case of Integration of Western Immigrants in the Israeli Secondary Education System. *Hagira* (Hebrew).
 10. Lissitsa, S., & **Chachashvili-Bolotin, S.** (2015). Does the wind of change blow in late adulthood? Adoption of ICT by senior citizens during the past decade. *Poetics*, 52, 44-63.
 11. Lissitsa, S., & **Chachashvili-Bolotin, S.** (2016). The less you know, the better you'll sleep-Perceived job insecurity in the Internet age. *Computers in Human Behavior*, 62, 754-761.
 12. **Chachashvili-Bolotin, S.**, Lissitsa, S., Shavit, Y., & Ayalon, H. (2016). The short term effects of immigrant students on the educational achievements of Native-Born Students. *International Migration*, 54(5), 150-161. [doi: 10.1111/imig.12233](https://doi.org/10.1111/imig.12233)
 13. ***Chachashvili-Bolotin, S.**, Milner-Bolotin, M., & Lissitsa, S. (2016). Examination of factors predicting secondary students' interest in tertiary STEM education. *International Journal of Science Education*, 38(3), 366-390. <http://dx.doi.org/10.1080/09500693.2016.1143137>
 14. ***Chachashvili-Bolotin, S.**, & Lissitsa, S. (2016). Enrollment in Religious Schools and the Educational Achievements of Children of High-Skill Immigrants. *International Migration Review*, 1-26.
 15. *Lissitsa, S., **Chachashvili-Bolotin, S.**, & Bokek-Cohen, Y. A. (2017). Can digital skills raise occupational prestige among ethnic minorities? *Innovation: The European Journal of Social Science Research*, 30(2), 204-222.
 16. *Lissitsa, S., **Chachashvili-Bolotin, S.**, & Bokek-Cohen, Y. A. (2017). Digital skills and extrinsic rewards in late career. *Technology in Society*, 51, 46-55.

17. *Amit, K., & **Chachashvili-Bolotin, S.** (2018). Satisfied with Less? Mismatch between Subjective and Objective Position of Immigrants and Native-born Men and Women in the Labor Market. *Frontiers in Sociology*, 3, 33.
18. *Lissitsa, S., & **Chachashvili-Bolotin, S.** (2019). The effect of digital variables on perceived employability in an ethnic minority and the hegemonic group. *Israel Affairs*, 1-23.
19. *Lissitsa, S., & **Chachashvili-Bolotin, S.** (2019). Enrolment in Mathematics and Physics at The Advanced Level in Secondary School Among Two Generations of Highly Skilled. Immigrants. *International Migration*, 57(5), 252-270. <https://doi.org/10.1111/imig.12550>
20. *Lissitsa, S., & **Chachashvili-Bolotin, S.** (2019). Cognitive skills and labour market experience of FSU immigrants in Israel. *Current Politics and Economics of the Middle East*, 10(3), 357-379.
21. *Mattei, P., & **Chachashvili-Bolotin, S.** (2019). The Role of Religiosity in Education Policy in France and Israel. *Mondi Migranti*, 3, 181-202.
22. ***Chachashvili-Bolotin, S.**, Lissitsa, S., & Milner-Bolotin, M. (2019). STEM Outcomes of Second-Generation Immigrant Students with High-Skilled Parental Backgrounds. *International Journal of Science Education*, 17(4), 2465-2483.
23. *Lissitsa, S., & **Chachashvili-Bolotin, S.** (2020). It's not what you know but where you come from. Cognitive skills, job autonomy and latent discrimination of ethnic minorities. *International Review of Education – Journal for Lifelong Learning*. 66(2), 341-362.
24. *Grotlüschen, A., **Chachashvili-Bolotin, S.**, Heilmann, L., Dutz, G. (2020). Beyond literacy and language provision. Socio-political participation of migrants and language minorities in five countries from PIAAC R1/R2. *Journal of Adult and Continuing Education*, 1477971419898491.
25. *Lissitsa, S., & **Chachashvili-Bolotin, S.** (Forthcoming). E-government services use among single mothers– findings of a repeated cross-sectional study 2014-2019. *Israel Affairs*. Accepted for publication.
26. *Lissitsa, S., & **Chachashvili-Bolotin, S.** (Forthcoming). Occupational reproduction and mobility in STEM – Parental narratives of their children occupational choice. Submitted to *Educational Studies*. Accepted for publication.

C. Articles in Refereed Journals- under review

1. Lissitsa, S., & **Chachashvili-Bolotin, S.** The early bird gets the worm: Time perspective of STEM-related educational choice in tertiary education - gender and SES differences. Submitted to *International Journal of Qualitative Studies in Education*.
2. Lissitsa, S., & **Chachashvili-Bolotin, S.** Socio-economic or marital status? Factors driving digital inequality among single and married mothers – findings of a repeated cross-sectional study, 2014-2019. Submitted to *New Media & Society*.
3. Amit, K., & **Chachashvili-Bolotin, S.** Attitudes of the Israeli public towards migrant workers and asylum seekers during the Corona period. Submitted to *Hagira (Hebrew)*.
4. Efrat, N., **Chachashvili-Bolotin, S.**, Erlich, B., & Ifrah, K. Benefiting from digital use: Prospective association of Internet use with knowledge and preventive behaviors related to Alzheimer's Disease in the Israeli Survey of Aging. Submitted to *Journal of Medical Internet Research (JMIR) Aging*.

D. Articles or Chapters in Scientific Books **(which are not Conference Proceedings)**

Published

1. Shavit, Y., Cohen, Y., Stier, H., & **Bolotin, S.** (2000). Ethnic Inequality in Israeli Higher Education, in "*Distributive Justice in Israel*". Ed. by M. Mautner. Ramot: Tel Aviv, 391-411 (in Hebrew).
2. Shavit, Y., Ayalon, H., **Bolotin-Chachashvili, S.**, & Menahem, G. (2006). Stratification in Israeli Higher Education, in "*Israel and Modernity*". Ed. by U. Cohen, E. Ben-Rafael, A. Bareli, & E. Yaar. Ben-Gurion University of the Negev Press. (in Hebrew).
3. Shavit, Y., **Bolotin-Chachashvili, S.**, Ayalon, H., & Menahem, G. (2007). Diversification, Expansion and Inequality in Israeli Higher Education, in "*Stratification in Higher Education: A Comparative Study*". Ed. by in Y. Shavit, R. Arum, A. Gamoran and G. Menahem. Palo Alto: Stanford University Press.
4. **Chachashvili-Bolotin, S.**, Shavit, Y., & Ayalon, H. (2011). Immigration of 90s from the FSU as One of the Main Factors of the Educational Reform in Israel,

- in *"Israel's Russian Face – Features and Forces of Social Portrait"*. Ed. by M Kenigshtein. Gesharim Press. (in Russian).
5. **Chachashvili-Bolotin, S.** (2012). Higher Education in the First Half of the 1990s and Immigration from the Former Soviet Union, in *Old Roots in New Soil. The Adjustment of FSU Immigrants in Israel in the New Millennium*. Ed. by S. Lissitsa and Y.Bokek-Cohen. Ariel University Center.
 6. Kristen, C., Shavit, Y., **Chachashvili-Bolotin, S.**, Roth, T., & Adler, I. (2014). Achievement differences between immigrant and native fourth graders in Germany and Israel, in "The Challenges of Diaspora Migration in Today's Societies". Ed. by R. K. Silbereisen, Y. Shavit and P. F. Titzmann. Published by Ashgate Publishing Limited, 191-209.
 7. *Lissitsa, S., **Chachashvili-Bolotin, S.**, & Bokek-Cohen, Y. (2017). Digital Capital as a Mobility Channel for Ethnic Minorities, in *"The Digital Divide: Issues, Recommendations and Research"*. Ed. by C. C. Landers . New York: Nova Science Publishers, pp. 133-160.
 8. *Lissitsa, S., & **Chachashvili-Bolotin, S.**, (2017). Cognitive skills and labour market experience of FSU immigrants in Israel, in *"Social Integration: Predictors, Practices and Obstacles"*. Ed. by J. Price and C. Blank. New York: Nova Science Publishers, pp. 47-72.
 9. *Grotlüschen, A., **Chachashvili-Bolotin, S.**, Heilmann, L., Dutz, G. (2021). Beyond literacy and language provision. Socio-political participation of migrants and language minorities in five countries from PIAAC R1/R2, in *"Between PIAAC and the New Literacy Studies"*. Ed. By Grotlüschen, A and L. Heilmann. Waxmann Publishers, pp. 113-131.
doi: <https://doi.org/10.31244/9783830991885>
 10. *Grotlüschen, A., Heilmann, L., Dutz, G., **Chachashvili-Bolotin, S.**, (2021). People like me don't have any say here? Feelings of socio-political participation of recently arrived Migrants in Austria, Canada, Germany, Israel and the USA, in *"Between PIAAC and the New Literacy Studies"*. Ed. By Grotlüschen, A and L. Heilmann. Waxmann Publishers, pp. 131-153.

E. Articles in Conference Proceedings

Published

1. Milner-Bolotin, M., Cha, J. D., **Chachashvili-Bolotin, S.**, & Raisinghani, L. (2013). An International Study of Technology Use in Mathematics and Science Teacher Education. Proceedings of *International Perspectives on Technology-Enhanced Learning: Lessons, Challenges and Possibilities*, Vancouver, BC, Canada. .

<http://ocs.educ.ubc.ca/index.php/IPTEL/IPTEL2013>

2. *Lissitsa, S., & **Chachashvili-Bolotin, S.** (2017). The effect of digital variables on perceived employability in an ethnic minority and hegemonic group. Proceedings of 10th Annual Conference of the EuroMed-Academy-of-Business Rome, ITALY. EuroMed Academy of Business Conference Book of Proceedings, Pp: 2194-2196.
3. *Tsybulsky, D., Milner-Bolotin, M., & **Chachashvili-Bolotin, S.** (2018). STEM or S.T.E.M.? Challenging a traditional paradigm through innovative three-step approach to STEM teacher education. Proceedings of *ICERI2018 Conference* 12th-14th November 2018, Seville, Spain, Pp:4664-4772.
4. *Lissitsa, S., & **Chachashvili-Bolotin, S.** (2018). Overcoming barriers: enrollment in mathematics and physics at the advanced level in secondary school among two generations of high-skilled immigrants. Proceedings of Integrated education for the real world 5th international STEM in education conference: Brisbane, Queensland, Australia, Pp: 210-218. <https://stem-in-ed2018.com.au/proceedings-2/>
5. *Milner-Bolotin, M., **Chachashvili-Bolotin, S.**, & Milner, V. (2021). Beyond the pandemic: a novel approach for creating engaging online Stem learning environments at secondary and postsecondary levels. Proceedings of International Conference on Management of Educational Units. Greece: Thessaloniki, Pp: 7-8.

F. Other Scientific Publications

Published scientific reports and technical papers

1. Semyonov, M. Haberfeld, Y., Raijman, R, Karin, A. & **Chachashvili-Bolotin, S.** (2007). Ruppin index for immigrants' integration in Israel – 2nd report The Institute for Immigration and Social Integration, Ruppin Academic Center, Publication no. 2. (Hebrew).
2. Lissitsa, S. & **Chachashvili-Bolotin, S.** (2012). Academy in the field (community involvement) - the first report. The Institute for Immigration and Social Integration, Ruppin Academic Center, Publication no. 1. (Hebrew).
3. Lissitsa, S. & **Chachashvili-Bolotin, S.** (2012). Academy in the field (community involvement) - the second report. The Institute for Immigration and Social Integration, Ruppin Academic Center, Publication no. 2. (Hebrew).
4. Lissitsa, S. & **Chachashvili-Bolotin, S.** (2012). Academy in the field (community involvement) - the third report. The Institute for Immigration and Social Integration, Ruppin Academic Center, Publication no. 3. (Hebrew).
5. Lissitsa, S. & **Chachashvili-Bolotin, S.** (2013). Academy in the field 2012-13 (community involvement) - the first report. The Institute for Immigration and Social Integration, Ruppin Academic Center, Publication no. 4. (Hebrew).
6. Lissitsa, S. & **Chachashvili-Bolotin, S.** (2013). Academy in the field 2012-13 (community involvement) - the second report. The Institute for Immigration and Social Integration, Ruppin Academic Center, Publication no. 5. (Hebrew).
7. Lissitsa, S. & **Chachashvili-Bolotin, S.** (2013). Immigrants from France in educational system. The Institute for Immigration and Social Integration, Ruppin Academic Center, Publication no. 5. (Hebrew).
8. Talmi Cohn, R., & **Chachashvili-Bolotin, S.** (Forthcoming). Successful stories of Israeli Ethiopian Men. Institute for Immigration and Social Integration, Ruppin Academic Center. (Hebrew).

Unrefereed professional articles and publications

9. **Chachashvili-Bolotin, S.**, Shavit, Y., & Ayalon, H. (2011). Immigration of 90s from the FSU as One of the Main Factors of the Educational Reform in Israel. *Ed haulpan haHadash*, 98, 35-44. (Hebrew).
10. **Chachashvili-Bolotin, S.** & Lissitsa, S. (2015). France immigrants in Israeli educational system. *Ed haulpan haHadash*, 101, 43-47. (Hebrew).

G. Summary of my Activities and Future Plans

My research interests can be categorized into three main areas: (1) migration and education; (2) STEM education and (3) digital capital and inequality.

- (1) The immigration phenomenon characterizes the majority of developed countries and it has a recognizable influence on many areas of life, including education. As the globalization process continually expands, migration patterns have become more layered, and the movement of immigrants with high human capital from country to county has increased dramatically. This social phenomenon has significant implications on immigrant students as well as native students. I study the educational integration of immigrant students in Israel and its impact on the educational inequality. In my research, I mainly focus on two high- skilled groups: immigrants from the Former Soviet Union (FSU) and from the Western countries (English, French and Spanish speakers).

My long-time collaborator, Dr. Sabina Lissitsa and I were one of the first Israeli researchers who investigated the integration of western immigrants in the Israeli educational system. In our research we examined the effect of their studies at schools of different levels of religiosity on academic achievements of first- and second- generation immigrant students from English, Spanish and French speaking countries. The analysis was conducted on the basis of Israel Ministry of Education data. The findings of the study indicate variance among the three groups of high-skilled immigrants, both in terms of the rates of eligibility for matriculation certificates and in terms of the intergenerational differences.

- (2) Using my knowledge of education literature and my interest in STEM fields, I started to investigate educational inequality in STEM fields in Israel. In of my recent studies (with my colleagues Prof. Marina Milner-Bolotin and Dr.

Sabina Lissitsa) we investigated the factors affecting student interest in pursuing STEM fields in tertiary education in the Israeli context. The purpose of the research was to examine the impact of gender, socio-economic background and enrollment in advanced secondary science courses on secondary students' interest in pursuing tertiary STEM education. Since STEM-related careers often offer higher financial payoffs, students' integration in STEM fields will open doors to their economic upward mobility. Therefore, my current research focuses on investigating educational achievements in STEM fields among different immigrant groups. For example, our recent study examined enrollment in advanced-level Mathematics and Physics in secondary school among first and second generations of Former Soviet Union (FSU) immigrants and third generation of Israeli born Jews, based on the Israeli Ministry of Education's database (this paper was published in 2019). Another paper examines the between-group differences in educational outcomes in science track in secondary school, focusing on second-generation immigrants from English, French, Russian, and Spanish-speaking countries and third-generation Israeli Jews (this paper was published in 2020). Our future research in this field will focus on the effects of both mothers' and fathers' STEM vs. non-STEM related occupations on their sons' and daughters' fields of study in tertiary education.

- (3)** The dramatic rise in the internet connectivity and usage in the past decade has opened unprecedented avenues for obtaining information, creating economic and social exchanges and engaging in social activities. The down side of this digital proliferation has been a growing digital divide between those who have access to information and communication technologies and the ability to utilize them, and those who do not. I examine the impact of a broad concept of digital variables on inequality. For example, in the collaborative work with Dr. Sabina Lissitsa, we investigated the impact of the Internet use on social and economic mobility and the impact of Internet adoption on life satisfaction. In addition, we examined the impact of a broad concept of digital variables, such as digital skills, on job insecurity and employability. My future research will focus on investigating digital skills among adult population and its effects on inequality.