

CURRICULUM VITAE (Selected)1. Personal details

Position: Senior lecturer, Department of Human Services, Faculty of Welfare & Health Sciences, University of Haifa, Israel

Email: iddo@research.haifa.ac.il

2. Higher Education*a. Undergraduate and Graduate Studies*

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
1975–1978	Tel-Aviv University, Double Major in Psychology and in Educational Sciences.	B.A.	June 1978
1978–1980	Tel-Aviv University, Psychology. Area: Counseling / Occupational Psychology.	M.A.	June 1982
1985–1990	University of Pennsylvania, Psychology. Area: Cognitive Psychology and Decision Processes	Ph.D.	August 1990

b. Post-Doctoral Studies

Period of Study	Name of Institution and Department/Lab	Name of Host
1990–1991	University of Pennsylvania, Graduate School of Education	Daniel A. Wagner

3. Offices in Academic Administration

Years	Name of Institution and Department	Role
1996–2000	University of Haifa Faculty of Social Welfare & Health Sciences	Library Coordinator
1997–2005	University of Haifa Faculty of Social Welfare & Health Sciences	Member, Computer Committee
1998–2001	University of Haifa	Member, University Academic Disciplinary Court
1997–2006	University of Haifa Faculty of Social Welfare & Health Sciences	Member, faculty Curriculum Committee
2010–2013 2013–2015	University of Haifa	Member, Chair, University Committee for Social Involvement ("Valpach")
2011–2014	University of Haifa Department of Human Service	Chair of Department
2016–	University of Haifa	Member, University Computer Committee

4. Scholarly Positions and Activities Outside the University

Years	Editorial Assignments
1997–2001	<i>Associate Editor, Journal of Statistics Education</i>
1998–1999	Guest Editor, Numeracy Section (four chapters), in: D. A. Wagner, R. Venezky, and B. Street (Eds.) (1999). <i>Literacy: An Int'l Handbook</i> . Westview.
2003–2007	Editor, <i>Statistics Education Research Journal</i> . Peer-reviewed e-journal of the International Association for Statistical Education / International Statistical Institute. Online: http://iase-web.org
2011–present	Consulting Editor, <i>Journal of Disability Policy Studies</i> . Peer-reviewed journal published by SAGE.
2016–present	Associate Editor, <i>Numeracy</i> (ISSN 1936-4660). Peer-reviewed e-journal published by The National Numeracy Network, USA

Years	Reviewing for Refereed Journals
1994–present	<i>American Statistician, Journal for Research in Mathematics Education, Journal of Statistics Education, Statistics Education Research Journal, Statistical Journal of the IAOS, Journal of Educational Psychology, Int'l Statistical Review, Studies in Educational Evaluation, Journal für Mathematik Didaktik, Cognition and Instruction, Educational Perspectives, Educational Studies in Mathematics, Society and Welfare (Israel), Public Understanding of Science, Patient Education and Counseling, Journal of Disability Policy Studies, Health Care Management Review, Health Policy, Journal of Service Management.</i>

Years	Leadership Positions (Elected & Invited)
1997–1999	Consultant: UNICEF, Monitoring Learning Achievement project.
1998–2005	Team Leader: Numeracy Area, <i>Adult Literacy and Lifeskills (ALL) survey</i> . A joint project of Statistics Canada, National Center for Educational Statistics (U.S.), OECD.
2003–2004	Consultant, Educational Testing Service: Math Attributes Project, NAEP.
2009–2011	Vice-President, International Association for Statistical Education (IASE)
2008–2013	Chair, Numeracy Expert group. <i>OECD's Programme for International Assessment of Adult Competencies (PIAAC)</i> .
2009–2013	Member, Publications Committee, International Statistical Institute (ISI)
2011–2013	<i>President-Elect</i> , International Association for Statistical Education (IASE).
2013–2015	<i>President</i> , International Association for Statistical Education (IASE).
2015–2017	<i>Past-President</i> , International Association for Statistical Education (IASE).
2012–2016	Chair, <i>National Steering Committee for PIAAC in Israel</i> . Appointed by the Public Advisory Council for Statistics - Central Bureau of Statistics, Israel.
1995–2016	Advisory Board Member: <i>Int'l Statistical Literacy Project (ISLP)</i> , a project of

	International Statistical Institute / International Association for Statistics Education.
1998–present	Senior Research Advisor for Literacy/Numeracy Assessment: International Literacy Institute, University of Pennsylvania, USA.
2014–present	Member, National Public Advisory Council for Statistics, Israel
2015–present	Member, OECD Expert Group on Skills Use and Skills Mismatch, <i>Programme for International Assessment of Adult Competencies (PIAAC)</i> .
2016–present	Member, Expert Panel, "Power In Numbers", a 3-year project of the Office of Career, Technical, and Adult Education (OCTAE) of the U.S. Department of Education. See: bit.ly/LINCSpowerinnumbers
2017–present	Member, UNESCO Expert Panel on measurement of Indicator 4.6 (quality education) of the UN Sustainable Development Goals 4.6.

Years	Community Activities
2012 – 2014	Chairperson, "Maof Hevrati" (social vision), NGO, Haifa
2014 – present	Elected Member, Social Welfare Committee, City of Haifa

PUBLICATIONS

5. Ph.D. Dissertation

Title: Understanding Repeated Choices Under Uncertainty

Date of submission: August 1990

Name of Supervisor: Prof. Jonathan Baron

University: University of Pennsylvania.

6. Scientific Books (Refereed)

- Gal, I., & Garfield, J. B. (Eds.) (1997). *The Assessment Challenge in Statistics Education*. Amsterdam: IOS Press, in association with International Statistical Institute. (284 pages, 19 chapters, of which two authored by Iddo Gal)
- Gal, I. (Ed.) (2000). *Adult Numeracy development: Theory, Research, Practice*. Cresskill, NJ: Hampton Press. (361 pages, 16 chapters, of which 3 authored by Iddo Gal)

7. Monographs

Published:

- Gal, I. (2012). *Mathematical literacy*. A scientific review invited by the Committee on Knowledge Needs for Teaching Mathematics, Initiative for Applied Research in Education, Israeli Academy of Sciences. (69 pages, in Hebrew, Peer-reviewed)
<http://education.academy.ac.il/Uploads/BackgroundMaterials/Hebrew/review%20mathematic%20literacy%20Iddo%20Gal.pdf>

8. Articles in Refereed Journals

1. Wagner, D. A., Spratt, J. E., Gal, I., & Paris, S. (1989). Reading and believing: Beliefs, attributions, and reading achievement among Moroccan school children. *Journal of Educational Psychology*, 81(1), 283-293.
2. Gal, I., & Ginsburg, L. (1994). The role of beliefs and attitudes in learning statistics: Towards an assessment framework. *Journal of Statistics Education*, 2(2). [Refereed E-Journal, American Statistical Association: www.amstat.org/publications/jse/v2n2/gal.html]
3. Gal, I. (1995). Statistical tools and statistical literacy: The case of the average. *Teaching Statistics*, 17(3), 97-99.
4. Gal, I., & Baron, J. (1996). Understanding repeated simple choices. *Thinking and Reasoning*, 2(1), 81-98.
5. Garfield, J. B. & Gal, I. (1999). Assessment and statistics education: Current challenges and directions. *International Statistical Review*, 67(1), 1-12.
6. Gal, I. (2002). Systemic needs in adult numeracy education. *Adult Basic Education*, 12(1), 20-33. IF=NA. (Note: Journal renamed to: *Journal of Research and Practice for Adult Literacy, Secondary, and Basic Education*),
7. Gal, I. (2002). Developing statistical literacy: Towards implementing change. *International Statistical Review*, 70(1), 46-51
8. Gal, I. (2002). Adults' Statistical literacy: Meanings, components, responsibilities. *International Statistical Review*, 70(1), 1-25.
9. Yagil, D., & Gal, I. (2002). The role of organizational service climate in generating control and empowerment among workers and customers. *Journal of Retailing and Consumer Services*, 9(4), 215-226.
10. Gal, I. (2002). Dispositional aspects of coping with interpretive numeracy tasks. *Literacy and Numeracy Studies*, 11(2), 47-61.
11. Gal, I. (2003). Teaching for statistical literacy and services of statistics agencies. *American Statistician*, 57(2), 80-84.
12. Gal, I. (2003). Expanding conceptions of statistical literacy: An analysis of products from statistics agencies. *Statistics Education Research Journal*. 2(1), 3-22. (Electronic refereed journal: www.stat.auckland.ac.nz/serj/)
13. Gal, I., & Prisant, B. (2003). Empowerment processes and the frail elderly: Home-care services versus day care centers, *Society and Welfare*, 23(1), 101-125. [in Hebrew] IF=NA. V.
14. Doron, I., & Gal, I. (2003). Prevention and legal planning in old age: Findings from a preliminary study. *Hamishpat*, 16, 36-45. [in Hebrew]
15. Doron, I., & Gal, I. (2003). Israel's 1996 Patient Rights Act and the elderly: Issues in implementation and research. *Gerontology*, 30(3), 9-21. [In Hebrew]
16. Gal, I., & Prigat, A. (2005). Why organizations continue to create patient information leaflets with readability and usability problems: An exploratory study. *Health Education Research*, 20(4), 485-493.
17. Doron, I., & Gal, I. (2006). The emergence of legal prevention in old age: Findings from an Israeli exploratory research. *Journal of Cross-Cultural Gerontology*, 21(1-2), 41-53.
18. Gal, I., & Doron, I. (2007). Informal complaints on health services: hidden patterns, hidden potentials. *International Journal for Quality in Health Care*, 19(3), 158-163.
19. Gal, I. & Doron, I. (2007). Patterns of client complaints in Israel's health-care system. *Harefua*, 146(6), 489-496. (in Hebrew).
20. #Shapira, N., Barak, A., & Gal, I. (2007). Promoting older adults' well-being through internet training and use. *Aging and Mental Health*, 11(5), 477-484.

21. Yagil, D., Luria, G. & Gal, I. (2008). Stressors and resources in customer service roles: Exploring the relationship between core self-evaluations and burnout. *Journal of Service Management*, 19(5), 175-195.
22. #Shapira, N., Gal, I., & Barak, A. (2008). Elderly and Internet group training: from theory to practice. *Gerontology*, 2, 127-140 (in Hebrew).
23. Gal, I. (2009). South Africa's Mathematical Literacy and Mathematics curricula: Is probability literacy given a fair chance? *African Journal of Research in Mathematics, Science, and Technology Education*, 13(1), 50–61.
24. Luria, G., Gal, I. & Yagil, D. (2009). Employees' willingness to report service complaints. *Journal of Service Research*, 12(2), 156-174.
25. Shavit, M., Yusov, P., Gal, I., Doron, I. (2009). Immigration and health services: Immigrant complaint patterns regarding the primary health care system in Israel. *Journal of Immigrants and Refugee Studies*, 7(4), 419-437.
26. Gal, I., & Ograjensek, I. (2010). Qualitative research in the service of understanding learners and users of statistics. *International Statistical review*, 78(2), 287–296.
27. Gal, I., Weisberg-Yosub, P., Shavit, M., Doron, I. (2010). Complaints on health services: A survey of persons with disabilities. *Journal of Disability Policy Studies*, 21(3), 181–188.
28. Doron, I., Gal, I., Shavit, M., & Weisberg-Yosub, P. (2011). Unheard voices: complaint patterns of older persons in the health care system. *European Journal of Ageing*, 8, 63–71.
29. Gal, I. & Murray, S. (2011). Responding to diversity in users' statistical literacy and information needs: Institutional and educational implications. *Statistical Journal of the IAOS*, 27(3-4), 185-195.
30. Gal, I. (2011). Does CensusAtSchool develop statistical literacy? *Statistical Journal of the IAOS*, 27(3-4), 229-230.
31. North, D. Gal, I. & Zewotir, T. (2014). Building capacity for developing statistical literacy in a developing country: Lessons learned from an intervention. *Statistics Education Research Journal*. 13(2), 15-27. Online: http://iase-web.org/documents/SERJ/SERJ13%282%29_North.pdf. IF=NA. V.
32. Luria, G., Gal, I., & Yagil (2014). Quality and Productivity: Role conflict in the service context. *Service Industries Journal*, 34(12), 955-973.
33. Luria, G., Gal, I., & Yagil (2015). Spending more time with the customer: Service-providers' behavioral discretion and call-center operations. *Service Business*, 9(3), 427-443.
34. Tout, D. & Gal, I. (2015). Perspectives on numeracy: Reflections from international assessments. *ZDM–International Journal of Mathematics Education*, 47(4), 691-706.
35. Zoabi, K. & Gal, I. (2015). Perceptions of empowering techniques: A comparative study among social workers. *Mifgash–Journal of Social Work Education*, 23(41), 7-24. (in Hebrew).
36. Luria, G., Levanon, A., Yagil, D. & Gal, I. (2016). Status, national culture and customers' propensity to complain. *Social Indicators Research*, 126, 309-330.
37. Ograjensek, I. & Gal, I. (2016). Enhancing statistics education by including qualitative research. *International Statistical Review*, 84, 2, 165–178, DOI:10.1111/insr.12158.
38. Gal, I. & Ograjensek, I. (2016). More on enhancing statistics education with qualitative ideas: A Rejoinder. *International Statistical Review*, 84(2), 202–209. doi:10.1111/insr.12157.
39. Gal, I. & Ograjensek, I. (2017). Official statistics and statistics education: Bridging the gap. *Journal of Official Statistics*, 33(1), 79–100.

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

1. Gal, I., Ginsburg, L., & Schau, C. (1997). Monitoring attitudes and beliefs in statistics education. In I. Gal & J. B. Garfield (Eds.), *The assessment challenge in statistics education* (pp. 37-51). Amsterdam: IOS Press. (peer-reviewed)

2. Gal, I., & Garfield, J. (1997). Curricular Goals and Assessment Challenges in statistics education. In I. Gal & J. B. Garfield (Eds.), *The assessment challenge in statistics education* (pp. 1-13). Amsterdam: IOS Press. (peer-reviewed)
3. Gal, I. (1997). Numeracy: imperatives of a forgotten goal. In L. A. Steen (Ed.), *Why numbers count: quantitative literacy for tomorrow's America* (pp. 36-44). New York: The College Board. (peer-reviewed)
4. Gal, I. (1998). Assessing statistical knowledge as it relates to students' interpretation of data. In S. Lajoie (Ed.), *Reflections on statistics: Learning, teaching, and assessment in grades K-12* (pp. 275-295). Mahwah, NJ: Lawrence Erlbaum. (peer-reviewed)
5. Garfield, J. & Gal, I. (1999). Teaching and Assessing Statistical Reasoning. In L. Stiff (Ed.), *Mathematical Reasoning* (pp. 207-219). Reston, Virginia: National Council Teachers of Mathematics.
6. Gal, I. (1999). Links between literacy and numeracy. In D. A. Wagner, R. L. Venezky, and B. Street (Eds.), *Literacy: An international Handbook* (pp. 227-231). Boulder, Colorado: Westview Press. (peer-reviewed)
7. Ginsburg, L., & Gal, I. (2000). Instructional strategies for adult numeracy education. In I. Gal (Ed.), *Adult numeracy development: Theory, research, practice*. (pp. 89-114). Cresskill, NJ: Hampton Press. (peer-reviewed)
8. Cumming, J., & Gal, I. (2000). Assessment in adult numeracy education: Issues and principles for good practice. In I. Gal (Ed.), *Adult numeracy development: Theory, research, practice*. (pp. 305-333). Cresskill, NJ: Hampton Press. (peer-reviewed)
9. Gal, I. (2000). The numeracy challenge. In I. Gal (Ed.), *Adult numeracy development: Theory, research, practice*. (pp. 9-31). Cresskill, NJ: Hampton Press.
10. Gal, I. (2000). Statistical literacy: Conceptual and instructional issues. In D. Coben, J. O'Donoghue, & G. FitzSimons, (Eds.), *Perspectives on Adults Learning Mathematics* (pp. 135-150). London: Kluwer Academic Publishers. (peer-reviewed)
11. Gal, I. (2005). Towards 'probability literacy' for all citizens. In G. Jones (ed.), *Exploring probability in school: Challenges for teaching and learning* (pp. 43-71). London: Kluwer Academic Publishers. (peer-reviewed)
12. Gal, I., van Groenestijn, M., Manly, M., Schmitt, M. J., & Tout, D. (2005). Adult numeracy and its assessment in the ALL survey: A conceptual framework and pilot results. In Murray, S. T., Clermont, Y., & Binkley, M. (Eds), *Measuring adult literacy and life skills: New frameworks for assessment* (pp. 137-191). Ottawa, Canada: Statistics Canada. (peer-reviewed)
13. Gal, I. (2007). Research methods: Reflections on teaching frameworks and research. In Murtonen, M., Rautopuro, J. & Väisänen, P. (Eds). *Learning and teaching of Research methods at University*. Turku, Finland: Finnish Educational Research Association. (peer-reviewed)
14. Ograjensek, I. & Gal, I. (2011). The concept and assessment of customer satisfaction. In R. Kenett, and S. Salini (Eds.) *Modern Analysis of Customer Satisfaction Surveys* (pp. 107-128). London: Wiley-Blackwell. (peer-reviewed)
15. Gal, I. (2014). Mathematical Literacy: Internal and external perspectives. In M. Fried & T. Dreyfus (Eds). *Mathematics & Mathematics Education: Searching for Common Ground* (pp. 171-174). New York; Springer. (peer-reviewed)
16. Petocz, P., Reid, A. & Gal, I. (2017). Statistics Education Research. In D. Ben-Zvi, K. Makar, & J. Garfield (eds.), *International Handbook of Research in Statistics Education* (Chapter 3, pp. 71-103). Springer Publishers. (peer-reviewed)
17. Gal, I. (Accepted for publication). Comments on paper by Moses Oketch. In Wagner, D., Boruch, R. & Wolf, S. (Eds.). *Learning at the bottom of the pyramid: Science, measurement and policy in low-income countries in an era of global change*. Paris: UNESCO Institute for Educational Planning. (2 pp.)

10. Articles in Conference Proceedings

1. Gal, I. (1993). Reaching out: Issues and dilemmas in expanding statistics education to non college-bound students. In L. Preira-Mendoza (Ed.). *Introducing data-analysis in the schools* (pp. 189-203). Voorburg, Netherlands: International Statistical Institute.
2. Gal, I., & Schmitt, M. J., Stoudt, A., & Ginsburg, L. (1994). Summary of conference recommendations. In I. Gal & M. J. Schmitt (Eds.). *Proceedings of the 1994 national conference on adult mathematical literacy* (pp. 1-18). Philadelphia, PA: University of Pennsylvania. (ERIC document ED397231). Online: <http://www.edrs.com/doclibrary3/1296/ed397231.pdf>
3. Gal, I., & Schmitt, M. J. (1994) (Eds.). *Proceedings of the 1994 national conference on adult mathematical literacy*. Philadelphia, PA: University of Pennsylvania. (ERIC doc. ED397231). [Online: <HTTP://WWW.EDRS.COM/DOCLIBRARY3/1296/ED397231.PDF>] (A joint publication of the National Center on Adult Literacy, National Council of Teachers of Mathematics, United States Department of Education, Office of Vocational and Adult Education). (116 pages)
4. Gal, I. (1994). Can the delivery system deliver? Realities of numeracy education in adult literacy programs. In I. Gal & M. J. Schmitt (Eds.). *Proceedings of the 1994 national conference on adult mathematical literacy* (pp. 49-56). Philadelphia, PA: University of Pennsylvania. (ERIC doc. ED397231). Online: <http://www.edrs.com/doclibrary3/1296/ed397231.pdf>
5. Ginsburg, L., & Gal, I. (1995). Linking informal knowledge and formal skills: The case of percents. In D. T. Owens, M. K. Reed, & G. M. Millsaps (Eds.). *Proceedings of the 17th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. Columbus, Ohio: ERIC Clearinghouse for Science and Mathematics.
6. Gal, I. (1997). Assessing Students' interpretations of data: Conceptual and pragmatic issues. In B. Phillips (Ed.), *Papers on Statistical Education* (pp. 49-58). Hawthorn, Australia: Swinburne Press. (Paper presented at the 8th International Congress on Mathematics Education, Seville, Spain, 1996).
7. Gal, I. (1999). Empowerment and lifelong learning of numeracy skills. In A. Rogerson (Ed.), *Proceedings-International conference on mathematics education into the 21st century: Societal challenges, issues, and approaches* (pp. 39-45). Cairo, Egypt: Third World Forum.
8. Gal, I. (1999). A numeracy assessment framework for the International Life Skills Survey. In O. Zaslavsky (Ed.), *Proceedings- 23rd conference, International Group for the Psychology of Mathematics Education* (Vol. 2, pp. 353-360). Haifa, Israel: Technion Printing Press.
9. Gal, I. & Murray, S. (2002). Preparing for diversity in statistics literacy: Institutional and educational implications. (Keynote lecture). In B. Phillips (Ed.), *Proceedings-6th International Conference on Teaching Statistics*. Voorburg, The Netherlands: International Statistical Institute. (7 pages. CD-ROM).
10. Gal, I. & Bosley, J. (2005). Non-specialist users and their information needs: An exploratory study at the U.S. Bureau of Labor Statistics. In: Proceedings of the 55th World Statistics Congress (May 2005, Sydney, Australia). International Statistical Institute: http://isi.cbs.nl/iamamember/CD6-Sydney2005/ISI_Final_Proceedings.htm
11. Gal, I. & Ben-Zvi, D. (2007). Educational Products of Official Statistics Agencies: In search of Vision, standards, and impact. In: Proceedings of the 56th World Statistics Congress (July 2007, Lisbon, Portugal). International Statistical Institute: <http://isi.cbs.nl/iamamember/CD7-Lisboa2007/Bulletin-of-the-ISI-Volume-LXII-2007.pdf>
12. Ograjensek, I., & Gal, I. (2011). Integrating Qualitative Research Approaches in Traditional Introductory Statistics Courses: Pros and Cons. In: *Proceedings of the 58th World Statistics Congress* (July 2011, Dublin, Ireland). International Statistical Institute: <http://2011.isiproceedings.org>

13. Gal, I. (2013). Mathematical skills beyond the school years: A view from adult skills surveys and adult learning. July 2013. In Lindmeier, A. M. & Heinze, A. (Eds). *Proceedings of the 37th conference of the International Group for the Psychology in Mathematics Education*, Vol 1, pp. 31-46. Kiel, Germany: PME. Online: www.igpme.org.
14. Ograjensek, I., & Gal, I. (2013). Megaclasses in statistics education: Establishing a research framework in a complex domain. In Proceedings of the 59th World Statistics Congress (July 2013, Hong-Kong). International Statistical Institute: <http://2013.isiproceedings.org/Files/IPS040-P4-S.pdf>
15. Gal, I. (2013). Mathematical skills beyond the school years: A view from adult skills surveys and adult learning (Plenary talk). July 2013. In Lindmeier, A. M. & Heinze, A. (Eds). *Proceedings of the 37th conference of the International Group for the Psychology in Mathematics Education*, Vol 1, pp. 31-46. Kiel, Germany: PME. Online: www.igpme.org.
16. Gal, I. & Shilton, H. (2014). How do school principals understand and use the statistics in reports from national large-scale assessments? In K. Makar, B. de Sousa, & R. Gould (Eds.), *Proceedings of the Ninth International Conference on Teaching Statistics (ICOTS9)*, July, 2014, Flagstaff, Arizona, USA. Voorburg, The Netherlands: International Statistical Institute. Online: http://iase-web.org/Conference_Proceedings.php?p=ICOTS_9_2014.
17. North, D., Zewotir, T., & Gal, I. (2014). Developing statistical literacy amongst in-service teachers through a collaborative project. In K. Makar, B. de Sousa, & R. Gould (Eds.), *Proceedings of the Ninth International Conference on Teaching Statistics (ICOTS9)*, July, 2014, Flagstaff, Arizona, USA. Voorburg, The Netherlands: International Statistical Institute. Online: http://iase-web.org/Conference_Proceedings.php?p=ICOTS_9_2014.
18. Gal, I., Ridgway, J., & Nicholson, J. (2016). Exploration of skills and conceptual knowledge needed for understanding statistics about society: A workshop. In J. Engel (Ed.) Proceedings, IASE Roundtable on Promoting Understanding of Statistics About Society, Berlin July 2016. Available at: http://iase-web.org/Conference_Proceedings.php?p=Promoting_Understanding_of_Statistics_about_Society_2016.

11. Other Scientific Publications

1. Wagner, D. A., & Gal, I. (1990). Indigenous cognition?. Review of *Indigenous cognition: Functioning in Cultural Context*, (J. W. Berry, S. H. Irvine, & E. B. Hunt, Eds.; Martinus Nijhoff Publishers, 1988), *Contemporary Psychology*, 83(3), 131-132.
2. Gal, I., & Schuh, A. (1994). *Who counts in adult literacy programs? A national survey of numeracy education*. Technical report TR94-09. Philadelphia, PA: National Center on Adult Literacy, University of Pennsylvania. Online: www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/29/b5/96.pdf
3. Wagner, D. A., Sabatini, J., & Gal, I. (1999). *Assessing basic learning competencies among youth and young adults in developing countries: Analytic survey framework and implementation guidelines*. Philadelphia: International Literacy Institute/UNESCO. Online: <http://literacyonline.org/products/ili/pdf/op9901.pdf>
4. Condelli, L., Safford-Ramus, K., Sherman, R., Coben, D., Gal, I., & Hector-Mason, A. (2006). *A review of the literature in adult numeracy: research and conceptual issues*. (Prepared by American Institutes for Research for the Adult Numeracy Initiative of the US Department of Education's Office of Vocational and Adult Education). Online: www.ed.gov/about/offices/list/ovae/pi/AdultEd/math.html
5. Gal, I. (2007). *Assessment of adult numeracy in PIAAC: A conceptual and development framework*. University of Haifa. (A report submitted to the OECD Education Committee and Human Resources and Social Development Canada towards the planning of OECD's

Programme for Int'l Assessment of Adult Competencies).

6. PIAAC Numeracy Expert Group (2009). *PIAAC Numeracy: A Conceptual Framework*. OECD Education Working Papers, No. 35, OECD Publishing. Online: www.oecd-ilibrary.org/education/piaac-numeracy-a-conceptual-framework_220337421165

Note: Iddo Gal chaired the Expert Group which wrote this document. Key components of this document were published by OECD in the book: OECD (2012), *Literacy, Numeracy and Problem Solving in Technology-Rich Environments: Framework for the OECD Survey of Adult Skills*. Paris: OECD Publishing. <http://dx.doi.org/10.1787/9789264128859-en>

7. Gal, I. & Tout, D. (2014). *Comparison of PIAAC and PISA Frameworks for Numeracy and Mathematical Literacy*. OECD Education Working Papers, No. 102, OECD Publishing. Online: <http://dx.doi.org/10.1787/5jz3wl63cs6f-en>
8. Gal, I. (2016). Assessment of adult numeracy skills. Paper commissioned for the *UNESCO Global Education Monitoring Report 2016: Education for people and planet*. Paris, UNESCO. Online: <http://unesdoc.unesco.org/images/0024/002455/245573E.pdf>
9. Gal, I. (2016). Job crafting by workers and its contribution to the human capital of individuals and organizations. *People at Work: Israeli Journal of Career Development*, 6. (Journal of the Israeli Association for Vocational Counseling and Career Development, In Hebrew). Online: <http://www.ayellet.org.il>.

12. Other Publications and Scholarly Activities

1. Gal, I., Rothschild, K., & Wagner, D. A. (1990). The development of statistical reasoning in school children. *Teaching reasoning and Problem Solving*, 8, 3-8. (A non-refereed journal of Research for Better Schools, Philadelphia, PA, the mid-Atlantic research laboratory of the U.S. Dept. of Education).
2. Gal, I., Ginsburg, L., Stoudt, A., Rethemeier, K., & Brayer Ebby, C. (1994). *Adult Numeracy Instruction: A new Approach*. Philadelphia, PA: National Center on Adult Literacy, University of Pennsylvania. (A joint publication by the National Center on Adult Literacy, U.S. Department of Education, American Association of Community Colleges, Public Broadcasting System, National Institute For Literacy). Online: <http://www.literacyonline.org/products/ncal/pdf/pr9404.pdf>
3. Gal, I. & Stoudt, A. Numeracy revisited (1998). *Adult Learning*, 17, 10-14. (Non-refereed journal of the American Association for Adult and Continuing Education)
4. Gal, I.: Designer, "Literacy Statistics", a component of the "International Literacy Explorer" (1999). A project of UNESCO and the International Literacy Institute, University of Pennsylvania, USA. Online: http://www.literacyonline.org/ask/lit_stats.html