

CURRICULUM VITAE

Personal Details

Name: Tzahit Simon-Tuval

Date and place of birth: May 22nd, 1974, Israel.

Address and telephone number at work: Department of Health Policy and Management,
Guilford Glazer Faculty of Business and Management,
Ben-Gurion University of the Negev, P.O Box 653,
Beer-Sheva 8410501, Israel, +972-8-6472218.

Address and telephone number at home: Eshkolot 57, 85377, Israel, +972-54-6494662.

ORCID iD: 0000-0003-4518-7828

Education

B.A. 1995 – 1998 Ben-Gurion University of the Negev The Department of Economics
and The Department of
Management

M.A. 1998 – 2002 Ben-Gurion University of the Negev The Department of Economics
Advisors: Prof. Uri Regev (of blessed memory) and Prof. Ariel
Tarasiuk.
Thesis: Evaluation of adding diagnostic services for Obstructive Sleep
Apnea Syndrome in sleeping laboratory in southern Israel.

Ph.D. 2004 – 2009 Ben-Gurion University of the Negev The Department of Economics
Advisors: Prof. Uri Regev (of blessed memory) and Prof. Ariel
Tarasiuk.
Thesis: Efficiency incentives for improving adherence to treatment of
chronic illnesses.

Employment History

June 2021-	Associate Professor	Department of Health Policy and Management, Guilford Glazer Faculty of Business and Management, Ben-Gurion University of the Negev
2015-2021	Senior Lecturer (tenured)	Department of Health Systems Management, Guilford Glazer Faculty of Business and Management, Ben-Gurion University of the Negev
2013-2014	Visiting Scientist	Center for Health Decision Science, Harvard School of Public Health
2009- 2015	Lecturer	Department of Health Systems Management, Guilford Glazer Faculty of Business and Management, Ben-Gurion University of the Negev
2008-2009	Lecturer	Department of Economics, Ashkelon Academic College
2007-2009	External lecturer	Department of Management, Achva Academic College
2007-2009	Instructor	Department of Management, Ben-Gurion University of the Negev
2006-2008	External lecturer	Department of Economics, Sapir Academic College
2005-2007	Instructor	Department of Economics, Ben-Gurion University of the Negev
1999-2004	Health Economist	Clalit Health Services (HMO), Southern District, Israel

Professional Activities

(a) Positions in academic administration

2020-present	Mentoring Tehila Kalagy, Department of Public Policy & Administration
2015-2019	Chair of the Department Curriculum and Teaching Committee

(b) Professional functions outside universities/institutions

Ad-hoc reviews for scientific conferences

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 16th Annual International Meeting (2011)

International Health Economics Association (iHEA) 8th World Congress (2011)

International Health Economics Association (iHEA) European Conference on Health Economics (ECHE 2012)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 15th Annual European Congress (2012)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 17th Annual International Meeting (2012)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 18th Annual International Meeting (2013)

International Health Economics Association (iHEA) 9th World Congress on Health Economics (2013).

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 17th Annual European Congress (2014)

International Health Economics Association (iHEA) 10th World Congress on Health Economics in the Age of Longevity (2014)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 20th Annual International Meeting (2015)

The Society of Medical Decision Making 37th Annual Meeting (2015)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 18th Annual European Congress (2015)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 21th Annual International Meeting (2016)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 7th Asia-Pacific Conference (2016)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 6th Latin America Conference (2017)

The Society of Medical Decision Making 38th Annual Meeting (2017)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 23rd Annual International Meeting (2018)

The Society of Medical Decision Making 17th Biennial European Conference (2018)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 8th Asia-Pacific Conference (2018)

The Society of Medical Decision Making 18th Biennial European Conference (2020)

Ad-hoc reviewer for research institutes

The Israel National Institute for Health Policy Research (2015, 2016, 2017)

Israel Science Foundation (2021)

(e) Ad-hoc reviewer for journals

Value in Health (2011, 2013, 2016, 2020, 2021)
Health Economics Review (2021)
BMC Musculoskeletal Disorders (2010)
Journal of Gastroenterology and Hepatology (2013)
Journal of Professions and Organization (2014)
Value in Health Regional Issues (2015, 2018)
Psychology Health & Medicine (2015)
Plos One (2017)
European Journal of Health Economics (2017)
Patient Preference and Adherence (2017, 2018)
Current Respiratory Medicine Reviews (2017)
MDM Policy & Practice (2017)
Israel Journal of Health Policy Research (2018, 2021)
Clinical Therapeutics (2019)
European Journal of Cancer Care (2019)
Journal of Psychosomatic Research (2019, 2020)
Scientific Reports (2020)
Health Services Management Research (2020)

(f) Membership in professional/scientific societies

2011 Royal Economic Society
2011-2014 International Health Economics Association
2016-2021
2010-2018 International Society for Pharmacoeconomics and Outcomes Research
2010-2018 Israel Society for Pharmacoeconomics and Outcomes Research
2013-2018 Society for Medical Decision Making

Educational Activities

(a) Courses taught

Health Economics B.A. Ben-Gurion University of the Negev

	M.H.A	Ben-Gurion University of the Negev
	M.S.N	Ben-Gurion University of the Negev
	B.A.	Ashkelon Academic College
Introduction to Health Economics	M.P.H	Ben-Gurion University of the Negev
Planning and Evaluation of Healthcare Services	B.A.	Ben-Gurion University of the Negev
Introduction to Economics	B.A./	Ben-Gurion University of the Negev
	M.H.A	
	B.A.	Sapir Academic College
	B.A.	Achva Academic College
	B.A.	Ashkelon Academic College

Research students

Ph.D

1. Rinat Avraham, B.N., R.N., 2021, Ben-Gurion University of the Negev, Department of Health Systems Management. Jointly supervised with Dr. Dina Van-Dijk.
2. Ofira Katz-Shufan, M.Med.Sc., 2021, Ben-Gurion University of the Negev, Department of Public Health. Jointly supervised with Prof. Danit Shahrar.
3. Ayala Rohald Stern, M.Sc, 2021-present, Department of Health Policy and Management. Jointly supervised with Prof. Eyal Schwartzberg.

M.B.A

1. Tamir Abergil, B.A, 2012, Ben-Gurion University of the Negev, Department of Business Administration.

M.A.

1. Oded Vered, B.A., 2015, Ben-Gurion University of the Negev, Department of Public Policy & Management. Jointly supervised with Dr. Miki Malul

M.H.A.

1. Rinat Avraham, B.N., R.N., 2013, Ben-Gurion University of the Negev, Department of Health Systems Management. Jointly supervised with Dr. Dina Van-Dijk.

2. Maya Profis, B.Sc. Pharm., 2014, Ben-Gurion University of the Negev, Department of Health Systems Management.
3. Gila Adler, B.Sc.Nutr., R.D., 2018, Ben-Gurion University of the Negev, Department of Health Systems Management.
4. Vered Mintzer, B.A., 2019, Ben-Gurion University of the Negev, Department of Health Systems Management. Jointly supervised with Prof. Jacob Moran Gilad.
5. Ronit Hadad, B.Sc. Pharm., 2019, Ben-Gurion University of the Negev, Department of Health Systems Management.
6. Enis Abo Alhasan, B.A., 2020-present, Ben-Gurion University of the Negev, Department of Health Systems Management. Jointly supervised with Dr. Ronen Arbel (Sapir academic College).
7. Noa Dror-Lavy, M.H.A., 2020-present, Ben-Gurion University of the Negev, Department of Health Systems Management.

M.P.H.

1. Liron Sharon, B.Sc.Nutr., R.D., 2018, Ben-Gurion University of the Negev, Department of Public Health. Jointly supervised with Prof. Danit Shahar.
2. Adi Vinograd, M.D., 2019-present, Ben-Gurion University of the Negev, Department of Public Health. Jointly supervised with Dr. Tamar Wainstock and Dr. Israel Yoles.
3. Sapir Ellouk, B.Med. Sc., 2019-present, Ben-Gurion University of the Negev, Department of Public Health. Jointly supervised with Prof. Michael Friger and Dr. Karlos Cafri.
4. Channa Kannai, B.Med. Sc., 2020-present, Ben-Gurion University of the Negev, Department of Public Health. Jointly supervised with Dr. Tamar Wainstock and Dr. Israel Yoles.
5. Rotem Kabir, B.Med. Sc., 2020-present, Ben-Gurion University of the Negev, Department of Public Health. Jointly supervised with Prof. Amalia Levy and Dr. Ido Solt.

M.Sc.

1. Noga Epstein, B.A., 2020-present, Ben-Gurion University of the Negev, Industrial Engineering & Management. Jointly supervised with Dr. Yakir Berchenko.

Awards, Citations, Honors, Fellowships**(a) Honors, Citation Awards**

2020	Ben-Gurion University of the Negev	The Professor Charles Roth Prize for Excellence in Teaching
2017	Ben-Gurion University of the Negev	Glatt Award for Excellence in Teaching
2017	Ben-Gurion University of the Negev	Certificate of Outstanding Merit in Teaching, Faculty of Business and Management
2016	Ben-Gurion University of the Negev	Toronto Prize for Research Excellence for Young Researchers
2016	Ben-Gurion University of the Negev	Certificate of Outstanding Merit in Teaching, Faculty of Health Sciences
2015	Ben-Gurion University of the Negev	Certificate of Outstanding Merit in Teaching, Faculty of Health Sciences
2011	Ben-Gurion University of the Negev	Rich Foundation Award for Advancement of Women in Academy
2011	Ben-Gurion University of the Negev	The Professor Charles Roth Prize for Excellence in Teaching
2011	Ben-Gurion University of the Negev	Certificate of Outstanding Merit in Teaching
2010	Ben-Gurion University of the Negev	Rich Foundation Award for Advancement of Women in Academy
2009	Ben-Gurion University of the Negev	Certificate of Outstanding Merit in Teaching
2008	Ben-Gurion University of the Negev	Certificate of Outstanding Merit in Teaching

(b) Fellowships

2003-2007	The Kreitman Foundation Fellowship, Ben-Gurion University of the Negev	\$32,000	for Ben-Gurion University's PhD students of exceptional research excellence
-----------	--	----------	--

Scientific Publications

(d) Refereed articles in scientific journals

H-index: 12 (according to ISI), 16 (according to GS).

Total number of citations 826 (according to ISI), 1453 (according to GS).

Total number of citations without self-citation 793 (according to ISI).

1. Reuveni^{PI} H, **Simon^C T**, Tal^C A, Elhayany^C A, Tarasiuk^{PI} A. Health care services utilization in children with obstructive sleep apnea syndrome. *Pediatrics* 2002; 110: 68-72. (79 citations; IF 3.742; 1/71; Q1).
2. Tarasiuk^{PI} A, **Simon^S T**, Regev^{PI} U, Reuveni^C H. Willingness to pay for polysomnography in children with obstructive sleep apnea syndrome: a cost-benefit analysis. *Sleep* 2003; 26: 1016-1021. (12 citations; IF 3.712; 13/138; Q1).
3. Tarasiuk^{PI} A, **Simon^C T**, Tal^C A, Reuveni^{PI} H. Adenotonsillectomy in children with obstructive sleep apnea syndrome reduces health care utilization. *Pediatrics* 2004; 113: 351-356. (85 citations; IF 3.416; 2/68; Q1).
4. Tarasiuk^{PI} A, Greenberg Dotan^C S, Brin^C SY, **Simon^C T**, Tal^C A, Reuveni^{PI} H. Determinants affecting health care utilization in OSAS patients. *Chest* 2005; 128: 1310-1314. (56 citations; IF 3.264; 7/31; Q1).
5. Vardy^{PI} DA, **Simon^C T**, Limony^C Y, Kuperman^C O, Rabzon^C I, Cohen^C A, Cohen^C L, Shvartzman^C P. The impact of structured laboratory routines in computerized medical records in primary care services setting. *J Med Sys* 2005; 29: 619-626. (10 citations; IF N/A; N/A; N/A).
6. Tarasiuk^{PI} A, Greenberg-Dotan^C S, **Simon^C T**, Tal^C A, Oksenberg^C A, and Reuveni^{PI} H. Low socioeconomic status is a risk factor for cardiovascular disease among adult Obstructive Sleep Apnea Syndrome patients requiring Treatment. *Chest* 2006; 130: 766-773. (43 citations; IF 3.118; 7/33; Q1).
7. Tarasiuk^{PI} A, Greenberg-Dotan^C S, **Simon-Tuval^C T**, Freidman^C B, Goldbart^C AD, Tal^C A, Reuveni^{PI} H. Elevated morbidity and health care utilization in children with Obstructive Sleep Apnea Syndrome. *Am J Respir Crit Care Med* 2007; 175: 55-61. (84 citations; IF 8.689; 1/33; Q1).
8. Greenberg- Dotan^C S, Reuveni^{PI} H, **Simon-Tuval^C T**, Oksenberg^C A, Tarasiuk^{PI} A. Gender differences in morbidity and health care utilization among adult obstructive sleep apnea patient. *Sleep* 2007; 30: 1173-1180. (57 citations; IF 4.950; 7/148; Q1).
9. Reuveni^{PI} H, Greenberg-Dotan^C S, **Simon-Tuval^C T**, Tal^C A, Oksenberg^C A, Tarasiuk^{PI} A. Elevated healthcare utilization in young adult males with obstructive sleep apnea. *Eur Respir J* 2008; 31: 273-279. (26 citations; IF 5.076; 3/34; Q1).

10. Tarasiuk^{PI} A, Greenberg- Dotan^C S, **Simon-Tuval^C T**, Tal^C A, Oksenberg^C A, Reuveni^{PI} H. The effect of obstructive sleep apnea on morbidity and health care utilization of middle-aged and older adults. *J Am Geriatr Soc* 2008; 56: 247-254. (61 citations; IF 3.539; 7/31; Q1).
11. **Simon-Tuval^S T**, Reuveni^{PI} H, Greenberg- Dotan^C S, Oksenberg^C A, Tal^C A, Tarasiuk^{PI} A. Low socioeconomic status is a risk factor for CPAP acceptance among OSAS patients requiring treatment. *Sleep* 2009; 32:545-552. (82 citations; IF 4.342; 17/146; Q1).
12. Scharf^{PI} SM, Maimon^{PI} N, **Simon-Tuval^C T**, Bernhard-Scharf^C BJ, Reuveni^C H, Tarasiuk^C A. Sleep quality predicts quality of life in chronic obstructive pulmonary disease. *Int J Chron Obstruct Pulmon Dis* 2011; 6: 1–12 (66 citations; IF N/A; N/A; N/A).
13. **Simon-Tuval^C T**, Scharf^{PI} SM, Maimon^{PI} N, Bernhard-Scharf^C BJ, Reuveni^C H, Tarasiuk^C A. Determinants of elevated healthcare utilization in patients with COPD. *Resp Res* 2011; 12: 7. (32 citations; IF 3.127; 11/43; Q2).
14. Hadad^{PI} S, Hadad^{PI} Y, **Simon-Tuval^{PI} T**. Determinants of healthcare system's efficiency in OECD countries. *Eur J Health Econ* 2011; 14(2): 253-265. (73 citations; IF 1.755; 47/305; Q1).
15. **Simon-Tuval^C T**, Triki^C N, Chodick^C G, Greenberg^{PI} D. Determinants of cost-related nonadherence to medications among chronically ill patients in Maccabi healthcare services, Israel. *Value Health Reg Issues* 2014; 4C: 41-46. (5 citations; IF N/A; N/A; N/A).
16. **Simon-Tuval^{PI} T**, Maimon^{PI} N. Tiotropium as part of inhaled polytherapy: adherence and associated healthcare utilization. *Respirology* 2015; 20(2): 304-311. (4 citations; IF 3.495; 15/54; Q2).
17. **Simon-Tuval^{PI} T**, Horev^{PI} T, Kaplan^C G. Medical Loss ratio as a potential regulatory tool in the Israeli healthcare system. *Isr J Health Policy Res* 2015; 4: 21. (3 citations; IF 1.250; 46/70; Q3).
18. **Simon-Tuval^C T**, Triki^C N, Chodick^C G, Greenberg^{PI} D. The association between adherence to Cardiovascular medications and healthcare utilization. *Eur J Health Econ* 2015; 17(5): 603-610 (6 citations; IF 1.913; 52/333; Q1).
- *19. Avraham^S R, Van Dijk^{PI} D, **Simon-Tuval^{PI} T**. Regulatory focus and adherence to self-care behaviors among adults with type 2 diabetes in southern Israel. *Psychol Health Med* 2015; 21(6): 696-706. (7 citations; IF 1.255; 107/165; Q3).
- *20. Vered^S O, **Simon-Tuval^{PI} T**, Yagupsky^C P, Malul^C M, Cicurel^C A, Davidovitch^{PI} N. The price of a neglected zoonosis: Case-control study to estimate healthcare utilization costs of human brucellosis. *PloS One* 2015; 10(12): e0145086. (7 citations; IF 3.234; 9/57; Q1).
- *21. **Simon-Tuval^{PI} T**, Neumann^C PJ, Greenberg^{PI} D. Cost-Effectiveness of Adherence-Enhancing Interventions: A systematic review. *Expert Rev Pharmacoecon Outcomes Res* 2016; 16(1): 67-84. (10 citations; IF 1.669; 33/71; Q2).

- *22. **Simon-Tuval^{PI} T**, Shmueli^C A, Harman-Boehm^C I. Adherence to self-care behaviors among patients with type 2 diabetes- The role of risk preferences. *Value Health* 2016; 19: 844-851. (9 citations; IF 3.279; 14/333; Q1).
- *23. Profis^S M, **Simon-Tuval^{PI} T**. The influence of health workers' occupation on health promoting lifestyle profile. *Ind Health* 2016; 54: 439-447. (2 citations; IF 1.117; 119/165; Q3).
- *24. **Simon-Tuval^{PI} T**, Shmueli^C A, Harman-Boehm^C I. Adherence of patients with type 2 diabetes mellitus to medications – The role of risk preferences. *Curr Med Res Opin* 2018; 34(2):345-351. (3 citations; IF 2.757; 33/155; Q1).
- * 25. Adler^S G, Kaufman^{CI} G, **Simon-Tuval^{PI} T**. Healthcare utilization of breast cancer patients following telephone-based consultations of oncology nurse navigator via telemedical care. *PloS One* 2019; 14(5):e0216365. (1 citations; IF 2.766; 15/64; Q1).
- * 26. Mintzer^S V, Moran-Gilad^{PI} J, **Simon-Tuval^{PI} T**. Operational models and criteria for incorporating microbial whole genome sequencing in hospital microbiology – A systematic literature review. *Clin Microbiol Infect* 2019; 25(9):1086-1095. (3 citations; IF 5.394; 7/88; Q1).
- * 27. Avraham^S R, **Simon-Tuval^{PI} T**, Van Dijk^{PI} D. The effect of regulatory focus and time preference on the dual process of physical activity: a cross-sectional study among nurses. *J Adv Nurs* 2020; 76(6):1404-1415. (0 citations; IF 2.376; 13/120; Q1).
- * 28. Katz-Shufan^S O, **Simon-Tuval^{PI} T**, Sabag^S L, Shahar^{PI} DR. Improvement in healthy meal index, lunch quality, and diversity scores following an integrated nutritional intervention in a communal dining room: The NEKST study. *Nutrients* 2020; 12(6): 1741. (0 citations; IF 4.171; 16/87; Q1).
- * 29. Hadad^S R, Likhtenshtein^C D, Maimon^C N, **Simon-Tuval^{PI} T**. Overuse of reliever inhalers and associated healthcare utilization of asthma patients. *Sci Rep* 2020; 10(1):19155. (0 citations; IF 3.998; 17/71; Q1).
- * 30, Weinstein^{PI} JM, Greenberg^{PI} D, Sharf^C A, **Simon-Tuval^C T**. The impact of a community-based heart failure multidisciplinary team clinic on healthcare utilization and costs. *ESC Heart Failure* 2021. Accepted (0 citations; IF 4.411; 49/142; Q2).

Lectures and Presentations at Meetings and Invited Seminars

(b) Presentation of papers at conferences/meetings

1. Tarasiuk A, **Simon T**, Tal A, Elhayany A and Reuveni H. 2001. Health care consumption in children with OSAS. In Proceedings of the 5th Israeli Sleep Society Annual Meeting, Haifa, Israel.

2. Tarasiuk A, **Simon T**, Tal A, Elhayany A and Reuveni H. 2001. Utilization of health care services in children with obstructive sleep apnea. Health policy and the politics of health in the 21st century: a global perspective, Jerusalem, Israel.
3. Reuveni H, **Simon T**, Tal A, Tarasiuk A. 2002. T&A in children with OSAS reduces health care utilization. Presented in Annual Health Policy Conference, The Israel National Institute for Health Policy Research, Kfar Hamacabia, Israel.
4. **Simon T**, Tarasiuk A, Regev U, Reuveni H. 2002. Cost-benefit analysis by applying the Willingness to pay approach, for PSG studies in children with OSAS. Presented in the Annual Health Policy Conference, The Israel National Institute for Health Policy Research, Kfar Hamacabia, Israel.
5. Greenberg-Dotan S, Brin YS, **Simon T**, Reuveni H, Tal A, Tarasiuk A. 2004. Health care utilization in adults with obstructive sleep apnea syndrome. Presented in the 7th Annual Meeting of the Israeli Sleep Society, Emek Yezreel College, Israel.
6. Tarasiuk A, Greenberg-Dotan S, **Simon-Tuval T**, Freidman B, Goldbart AD, Tal A, Reuveni H. 2006. Early life morbidity and health care utilization in children with OSA. Presented in the 9th Annual Meeting of the Israeli Sleep Society, Haifa, Israel.
7. Greenberg-Dotan S, **Simon-Tuval T**, Freidman B, Goldbart AD, Tal A, Reuveni H, Tarasiuk A. 2007. Early life morbidity and health care utilization in children with Obstructive Sleep Apnea Syndrome. Annual Meeting of the Israeli Society for Public Health, Beer Sheva, Israel.
8. Greenberg-Dotan S, **Simon-Tuval T**, Freidman B, Goldbart AD, Tal A, Reuveni H, Tarasiuk A. 2007. Increased morbidity and health care utilization in children with Obstructive Sleep Apnea Syndrome from first to fourth years of life. The 4th Conference of the Eastern Mediterranean Region of the International Biometric Society, Eilat, Israel.
9. **Simon-Tuval T**, Regev U, Tarasiuk A. 2007. Economic incentives for improvement compliance to treatment of chronic disease. In proceedings of the 6th Annual Health Policy Conference, The Israel National Institute for Health Policy Research, Tel Aviv, Israel.
10. Greenberg-Dotan S, Reuveni H, **Simon-Tuval T**, Oksenberg A, Tarasiuk A. 2007. Gender differences in morbidity among adult OSA patients. In proceedings of the 6th Annual Health Policy Conference, The Israel National Institute for Health Policy Research, Tel Aviv, Israel.
11. **Simon-Tuval T**, Reuveni H, Greenberg-Dotan S, Oksenberg A, Tal A, Tarasiuk A. 2009. Low Socioeconomic status is a risk factor for CPAP acceptance. Presented in the 11th Annual Meeting of the Israeli Sleep Society, Sheba Medical Center, Israel.
12. **Simon-Tuval T**, Reuveni H, Greenberg-Dotan S, Oksenberg A, Tal A, Tarasiuk A. 2010. Low Socioeconomic status is a risk factor for CPAP acceptance among adult OSAS patients

- requiring treatment. Presented in the 3rd Annual Conference of the Israeli Society of Pharmacoeconomics and Outcomes Research (ISPOR-Israel), Herzliya, Israel.
13. **Simon-Tuval T**, Regev U, Tarasiuk A. 2010. Economic incentives for improvement compliance to treatment of chronic disease. Presented in the 3rd Annual Conference of the Israeli Society of Pharmacoeconomics and Outcomes Research (ISPOR-Israel), Herzliya, Israel.
 14. **Simon-Tuval T**, Reuveni H, Greenberg-Dotan S, Oksenberg A, Tal A, Tarasiuk A. 2010. Low Socioeconomic status is a risk factor for CPAP acceptance among adult OSAS patients requiring treatment. Presented in the International Society of Pharmacoeconomics and Outcomes Research (ISPOR) 15th Annual International Meeting, Atlanta, GA, USA. *Value in Health* 2010; 13(3): A84.
 15. Maimon N, **Simon-Tuval T**, Tarasiuk A, Reuveni H, Bernhard-Scharf B, Scharf SM. 2010. Sleep Disturbances and Health Related Quality of Life (HrQOL) in patients with COPD. Presented in the American Thoracic Society 2010 International Conference, New Orleans, USA. *Am J Respir Crit Care Med* 2010; 181:A5931
 16. **Simon-Tuval T**, Scharf SM, Maimon N, Bernhard-Scharf BJ, Reuveni H, Tarasiuk A. 2011. Determinants of elevated healthcare utilization in patients with COPD. Presented in the 4th Annual Conference of the Israeli Society of Pharmacoeconomics and Outcomes Research (ISPOR-Israel), Herzliya, Israel.
 17. **Simon-Tuval T**, Regev U, Tarasiuk A. 2011. Incentives for improving chronic patient adherence to treatment. Presented in the International Health Economics Association (iHEA) 8th World Congress, Toronto, Canada.
 18. Hadad S, Hadad Y, **Simon-Tuval T**. 2012. Determinants of healthcare system's efficiency in OECD countries. In proceedings of 9th Annual Health Policy Conference, The Israel National Institute for Health Policy Research, Tel Aviv, Israel.
 19. **Simon-Tuval T**, Triki N, Chodick G, Greenberg D. 2013. Determinants of non-adherence to medications among chronic patients in maccabi healthcare services. In proceedings of the 5th International Jerusalem Conference on Health Policy, The Israel National Institute for Health Policy Research, Jerusalem, Israel.
 20. **Simon-Tuval T**, Regev A, Frank Y, Maimon N. 2013. The impact of adherence to Tiotropium on healthcare utilization of COPD patients. In proceedings of the 5th International Jerusalem Conference on Health Policy, The Israel National Institute for Health Policy Research, Jerusalem, Israel.
 21. Avraham R, Van Dijk D, **Simon-Tuval T**. 2013. The impact of regulatory focus on type 2 diabetes patients' adherence to self-care behaviors. In proceedings of the 5th International Jerusalem Conference on Health Policy, The Israel National Institute for Health Policy Research, Jerusalem, Israel.

22. **Simon-Tuval T**, Shmueli A, Harman-Boehm I. 2014. Adherence to self-care behaviors among patients with type 2 diabetes- the role of time and risk preferences. In proceedings of the 10th Annual Health Policy Conference, The Israel National Institute for Health Policy Research, Tel Aviv, Israel.
23. **Simon-Tuval T**, Triki N, Chodick G, Greenberg D. 2014. The association between adherence to chronic medications and healthcare utilization. Presented in the 7th Annual Conference of the Israeli Society of Pharmacoeconomics and Outcomes Research (ISPOR-Israel), Herzliya, Israel.
24. **Simon-Tuval T**, Triki N, Chodick G, Greenberg D. 2014. The association between adherence to chronic medications and healthcare utilization. In proceedings of the 15th Biennial European Meeting, Society of Medical Decision Making, Antwerp, Belgium.
25. **Simon-Tuval T**, Shmueli A, Harman-Boehm I. 2014. Adherence to self-care behaviors among patients with type 2 diabetes- the role of time and risk preferences. In proceedings of the 15th Biennial European Meeting, Society of Medical Decision Making, Antwerp, Belgium.
26. **Simon-Tuval T**, Triki N, Chodick G, Greenberg D. 2015. The association between adherence to Cardiovascular medications and healthcare utilization. In proceedings of The 11th Annual Health Policy Conference, The Israel National Institute for Health Policy Research, Tel Aviv, Israel.
27. **Simon-Tuval T**, Triki N, Chodick G, Greenberg D. 2015. The association between adherence to Cardiovascular medications and healthcare utilization. Presented in the International Society of Pharmacoeconomics and Outcomes Research (ISPOR) 20th Annual International Meeting, Philadelphia, PA, USA. *Value in Health* 2015; 18(3): A1.
28. Profis M, **Simon-Tuval T**. 2015. The influence of health workers' occupation on health promoting lifestyle profile. The 11th Annual Health Policy Conference, The Israel National Institute for Health Policy Research, Tel Aviv, Israel.
29. Vered O, **Simon-Tuval T**, Yagupsky P, Malul M, Cicurel A, Davidovitch N. 2016. The price of a neglected zoonosis: Case-control study to estimate healthcare utilization costs of human brucellosis. The 6th International Jerusalem Conference on Health Policy, Jerusalem, Israel.
30. Vered O, **Simon-Tuval T**, Yagupsky P, Malul M, Cicurel A, Davidovitch N. 2016. The price of a neglected zoonosis: Case-control study to estimate healthcare utilization costs of human brucellosis. The Annual Conference of the Israel Association of Public Health Physicians and Schools of Public Health, Ramat-Gan, Israel.
31. **Simon-Tuval T**, Shmueli A, Harman-Boehm I. 2016. Adherence of patients with type 2 diabetes to medications – The role of risk preferences. Presented in the International Society

- of Pharmacoeconomics and Outcomes Research (ISPOR) 7th Asia-Pacific Conference, Singapore.
32. **Simon-Tuval T**, Rosenboim M. 2017. A new approach for estimating time preferences as predictor for adherence to healthy lifestyle. Presented in the 12th World Congress of the International Health Economics Association (iHEA), Boston, MA, USA.
 33. **Simon-Tuval T**, Rosenboim M. 2018. A new approach for estimating time preferences as predictor for engagement in physical activity. Presented in the European Health Economics Association (EUHEA) 2018 Conference, Maastricht, The Netherlands.
 34. Adler G, Kaufman G, **Simon-Tuval T**. 2018. Healthcare utilization of patient with breast cancer following exposure to telemedical care. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 8th Asia-Pacific Conference, Tokyo, Japan.
 35. Adler G, Kaufman G, **Simon-Tuval T**. 2019. Healthcare utilization of patient with breast cancer consulted via telemedical care. Presented in the 2019 World Congress of the International Health Economics Association (iHEA), Basel, Switzerland.
- (d) Seminar presentations at universities and institutions
1. 2014, Center for Health Decision Science, School of Public Health, Harvard University. Value based insurance design: analysis of two underlying assumptions.
 2. 2014, Brigham and Women's Hospital- Sleep and Cardiovascular Medicine Program. Value-based insurance design: analysis of two underlying assumptions.
 3. 2014, Tufts Medical Center- Health Policy Seminar. Value-based insurance design: analysis of two underlying assumptions

Research Grants

Non-competitive sources:

1. 2011, Clalit Health Services, Maimon N (PI), **Simon-Tuval T**, Heimer D, Novack V. The Impact of Tiotropium Inclusion to the Israeli Health Basket on Hospitalizations in Chronic Obstructive Pulmonary Disease. Total amount \$6,900.
2. 2011-2012, The Israel National Institute for Health Policy Research, Greenberg D (PI), Triki N, Chodick G, **Simon-Tuval T**. Can linking co-payment for drugs to evidence on treatment value improve health outcomes and contain healthcare costs. Total amount \$33,000.

3. 2011-2013, The Israel National Institute for Health Policy Research, **Simon-Tuval T** (PI), Shmueli A, Harman-Boehm I, Time and risk preferences, patient's perceptions and adherence to chronic treatment among ethnic minorities. Total amount \$22,928.
4. 2017-2019, The Israel National Institute for Health Policy Research, **Simon-Tuval T** (PI), Jacob Moran-Gilad (PI), Development of a decision support management tool for optimal utilization of advanced technologies in hospitals, Total amount \$26,270.
5. 2018-2019, Paul Ivanir Center, Ben-Gurion University of the Negev, Fink L (PI), **Simon-Tuval T** (PI), Van Dijk D (PI), Improving habitual physical activity with a mobile app: a field experiment with healthcare workers, Total amount \$10,000.
6. 2018-2019, Ben-Gurion University of the Negev, **Simon-Tuval T** (PI), Van Dijk D (PI), Fink L (PI), An app-based intervention to improve habitual physical activity: leveraging theory to change behavior, Total amount \$10,000.
7. 2019-2021, The Israel National Institute for Health Policy Research, Berchenko Y (PI), **Simon-Tuval T** (PI), Future unrelated medical costs and its impact on cost-effectiveness analyses, Total amount \$34,100.
8. 2021-2023, The Israel National Institute for Health Policy Research, Rotlevi Erela (PI), Noa Dror-Lavy (PI), Barnea Royi (CI), **Simon-Tuval T** (CI), Change in pattern of healthcare utilization of Maccabi Healthcare Services enrollees following the opening of Samson Assuta Ashdod University Hospital, Total amount \$26,818.

Present Academic Activities

Research in progress

1. A new approach for estimating time preferences as predictor for adherence to healthy lifestyle. Joint project with Mosi Rosenboim. Expected date of completion: October 2022.
2. Expanded carrier screening for rare diseases: Improving informed reproductive decision-making. Partner in a research proposal submitted to the European Joint Programme Rare Diseases. The consortium coordinator: Borry P, KU Leuven, Belgium; The Principle Israeli Partner: Raz A, Ben-Gurion University of the Negev.

Books and articles to be published

In preparation:

1. Avraham^S R, Van Dijk^{PI} D, **Simon-Tuval^{PI} T**. Intra- and interpersonal determinants of habitual physical activity: A qualitative study among students.
2. Avraham^S R, **Simon-Tuval^{PI} T**, Kanfi^S L, Fink^C L, Van Dijk^{PI} D. Personal orientations and physical activity: The mediating role of the dual process.
3. Katz-Shufan^S O, **Simon-Tuval^{PI} T**, Shahar^{PI} DR, Feder-Bubis^C P. Adjusting the NEKST intervention program to diners' preferences – A qualitative study.

Submitted for publication:

1. Katz-Shufan^S O, Shahar^{PI} DR, Sabag^S L, **Simon-Tuval^{PI} T**. Incremental costs associated with improvement in nutritional value of catering dishes. *Public Health Nutrition*.

Synopsis of Research

My research activity, as a health economist, integrates areas of health services research, medical decision-making, and outcomes research. In the last 20 years I developed expertise in the analyses of healthcare utilization associated with chronic conditions, with adherence to pharmaceutical care and with changes implemented in the healthcare delivery system. In addition, in the last decade I am leading research projects that focus on the role of risk aversion and time preferences on individuals' decision to adopt health behaviors. Since my research focus involves medical, economic, epidemiological, and psychological expertise, most of my studies are the consequence of collaborations with scholars in these fields. These collaborations ameliorate study design and implementation, as well as deliver evidence-based policy recommendations.

My previous appointment as a health economist in Clalit Health Services facilitated my involvement in research projects aiming at analyzing healthcare utilization (HCU) patterns among various populations. Together with researchers from Ben-Gurion University of the Negev and Soroka University Medical Center, we examined the differences in HCU between children with obstructive sleep apnea (OSA) and matched healthy controls (refereed articles #1, #7). Subsequently, we analyzed the economic implication of treating OSA in children (refereed article #3). Findings elicited from this study were then consolidated into a cost-benefit analysis of Polysomnography (PSG) in children with OSA, which was part of my master's thesis (refereed article #2). This study involved appraisal of parents' willingness to pay for PSG studies (through a contingent valuation method) and evaluation of the expected decrease in healthcare utilization following PSG study and surgical intervention.

This fruitful cooperation had yielded sub sequential body of research on adult patients with OSA (refereed articles #4, #6, #8, #9, #10). This continuous study involved estimation of HCU of adult patient with OSA, as well as exploration of predictors of elevated HCU.

As opposed to the surgical intervention, which is the gold standard intervention among children with OSA, treating this syndrome among adults requires ongoing lifestyle change that begins with wearing a continuous positive airway pressure (CPAP) mask during sleep. Despite proven effectiveness of this therapy, CPAP acceptance and adherence are low. This finding motivated our research group to understand the mechanism by which chronic patients decide to adhere to medical care. One part of my doctoral dissertation focused on analyzing predictors of patients' adherence to CPAP. This analysis provided evidence that low socioeconomic status is a risk factor for CPAP acceptance among patients with OSA requiring treatment (refereed article #11). This article was selected for Faculty of 1000 Medicine (May 2009 issue) and provoked fertile discussions among professionals in the field.

Subsequently and throughout my academic career I have been continuously involved with studies that analyze patterns of HCU in different chronic conditions (refereed articles #13, article submitted for publication #3, and second research in progress) as well as with estimating the association between adherence to pharmaceutical therapy and HCU (refereed articles #16 (research grant #1), and #18 (research grant #2)). Additionally, I have been mentoring research students in this research field (refereed articles #20, #25, #29 and research grant #8).

The analysis of patients' adherence to pharmaceutical therapy based on claims data, invoked my interest in analyzing adherence to medical recommendations and healthy lifestyle in general. I took part in one research group and led two others with this regard. The first research group explored the feasibility of applying value-based insurance designs (VBIDs) on prescription for

chronic diseases in the Israeli context (research grant #2). The decision to implement co-payments for medical services (including pharmaceuticals) was primarily motivated by the aim of reducing moral hazard and alleviating the health plans financial deficits. Such co-payments, however, may result with financial barriers for accessing essential care, and consequently in adverse health outcomes. In order to convince policymakers in Israel to implement VBIDs, we provided evidence of significant cost-related non-adherence based on telephone survey among representative sample of patients with chronic diseases in Maccabi Healthcare Services (refereed article #15).

In parallel to this research, I led two research groups that were targeted at examining patients' decision-making mechanisms based on behavioral economics theory. Specifically, the first group examined the association between time and risk preferences and adherence to self-care behavior among diabetic patients (research grant #3). Results of this project were published in *Value in Health* (refereed article #22) and *Current Medical Research and Opinion* (refereed article #24). Our findings suggest that risk seekers are prone to low adherence. Identifying these patients upfront, we believe, may enable practitioners to proactively tailor strategies to improve their adherence and health outcomes.

The second research group that I led jointly with Dr. Dina Van Dijk was coordinated by our master's student, Rinat Avraham. We examined at first the effect of personal orientations on adherence of type 2 diabetes patients to self-care behaviors (refereed article #19). This work urged our interest to examine this effect in the general population (research grant #5, #6). This project was again coordinated by Rinat Avraham who was then our PhD student. We began with qualitative exploration of the determinants that enhance habit formation of physical activity (article in preparation #2), then conducted a preliminary exploration about the role of regulatory focus and time preference in the dual process of engagement in physical activity among nurses. The results of this study were published in the *Journal of Advanced Nursing* (refereed article #27). Currently we have been drafting two additional papers derived from this project that will provide both theoretical and empirical contribution with regard to the role of these two personality orientations in the dual process of adoption of healthy lifestyle (articles in preparation #2, #3).

Another master's student I mentored researched the influence of health workers' occupation on adherence to healthy lifestyle (refereed article #23), and additional PhD student whom I supervised, developed an evaluated intervention program to promote healthy eating in catering systems (refereed article #28, articles submitted for publication #1, #2).

During 2013 I was a Visiting Scientist at the Center for Health Decision Science (CHDS) at the Harvard School of Public Health under the mentorship of Prof. Weinstein Milton. This visit in conjunction with my core interest in individual's adherence, led me to provide a systematic review on the cost-effectiveness of adherence-enhancing interventions (refereed article #21), and currently Dr. Yakir Berchenko and I have been leading a research project that is targeted at examining how future unrelated medical costs affect cost-effectiveness analyses (research grant #7).

Contrary to this micro-level research focus, I also led three macro-level research projects. The first utilized the data envelopments analysis (DEA), an analytical tool to estimate production frontiers, in order to estimate healthcare system's efficiency across OECD countries (refereed article #14). The second was based on collaborative work during the 13th Annual Dead Sea Conference on health insurance in Israel that was led by the National Institute for Health Policy Research (refereed article #17). The third was focused on development of decision support tool for optimal utilization of advanced technologies in hospitals (research grand #4, and refereed article

#26). These three research collaborations may have been a slight deviation from my micro-level research, however provided evidence-based policy implication, which I believe is crucial part of my research contribution.

Chronic diseases such as cardiovascular disease and diabetes are leading causes of disability and death and impose significant economic burden on healthcare systems worldwide. Efficient management of these illnesses has thus become a major public health concern. To design efficient preventive and curative measures to improve health outcomes, it is necessary to understand the mechanism that determines how individuals decide to adhere to healthy behaviors. I am planning to deepen my research on patients' adherence, its motives and effects, and to contribute to the well-known aspects of these issues (including clinical and quality of life) aspects from the behavioral economics field. Specifically, jointly with Prof. Mosi Rosenboim, I intend to provide a novel approach for estimating time preference as a predictor for adherence to healthy lifestyle (first research in progress). There is no consistent evidence of the benefits of intervention strategies for increasing adoption of healthy lifestyle, and the individuals' decision-making mechanism that underlies adoption of healthy lifestyle remains a conundrum. Thus, further research in this regard is still warranted. I believe that my research training and experience, as reflected in my completed and ongoing work, may contribute to developing this field, as well as training new researchers in this area.

Teaching Statement

As a lecturer, I feel obligated to improve the managerial and policymaking competences of Israel's healthcare system, by qualifying students for multilevel positions of health policy planning and professional management.

My teaching philosophy is to be constantly attentive to students' needs, without compromising academic level and behavioral norms. I maintain open-door approach and form personal connection with my students. Students come from different cultural backgrounds, educational experiences and learning styles. I genuinely care about their progress and development irrespective to these baseline characteristics. I found out that addressing students by their name makes them feel comfortable to participate in class and approach me by emails and office hours for further explanation. I challenge my students, while offering them ongoing and timely feedback throughout the entire course. I monitor their progress via in-depth check of their weekly assignment and evaluate what they have learned and what is yet to reiterate. In this way, I maintain students' attention and cooperation throughout the learning process. I feel great fulfillment seeing students' smiling eyes when materials considered as tough nut to crack become clearer following my efforts to use different examples and alternative explanations. I believe, that improving students' self-confidence, is essential for their future success, and this in turn, is essential to the success of the healthcare system and the society. I maintain respectful academic environment in my courses. At the beginning of each course, I clearly state guidelines students are expected to adhere to during the semester, and I consistently and uniformly assure that these are met. My experience thus far, reveals that when people feel respected, they reciprocate respect.

In addition, it is important for me to cultivate critical thinking among my students, namely the ability to ask questions and raise concerns even if taught a well-established model or introduced to a very well-presented data analysis. Along the years I have been learning from students' comments and improving the examples and illustrations exemplified in the courses. If the discussion around a specific issue is relatively weak, I share examples and comments that were raised by students in previous years in order to provoke discussion. This approach, I believe, promote students' ongoing learning capabilities and practices, as well as make them challenge their peers and colleagues, thus, enrich discussions and improve managerial decision-making.

Finally, I strive to instill the rationale and implications of each theoretical model or mathematical technique included in the course materials. I leverage my research experience to improve taught materials. I do so by using concrete examples for research-based decision-making and demonstrate to student how abstract materials can be utilized in practice. For example, the economic model of indifference curves that underlie the demand for health services, is usually perceived by students as high-level and abstract concept. However, following in-depth description of the fundamentals of this model, I provide student with practical implication to their decision-making process as future managers in the healthcare system. Namely, the importance of estimating the population's preferences before implementation of an intervention strategy in order to increase its feasibility, suitability and acceptance, and effectively allocate the health system's scarce resources. This approach raise enthusiasm among my students and stimulate their willingness to absorb new knowledge, thus, learning outcomes can be achieved more effectively.

All my syllabi are updated according to the Bologna format with emphasis on the description of learning outcomes. I make sure that there is concordance between the stated learning outcomes and my predefined evaluation methods during and at the end of the courses. For example, in

introduction course student are mainly expected to absorb basic terminologies and concepts. Hence, in these courses, the final exam includes multiple choice question and open questions that require application of basic mathematical techniques and/or presentation of graphs. However, in more advanced courses, where students are expected to be capable of implementing theoretical models and/or economic tools, I incorporate in the final exam questions that require students to demonstrate analytical capabilities and evaluate policies or technologies. I encourage an open discussion about the course and use students' feedback to improve the course next year.

During my academic career I was honored to be acknowledged for my teaching skills. I have been continuously awarded certificates of outstanding merit in teaching. In addition, in 2011 I was awarded The Professor Charles Roth Prize for Excellence in Teaching, and in 2017, I was privileged to receive the Glatt Award for Excellence in Teaching.

I feel blessed to have the opportunity to impart knowledge, skills and norms as well as increase my students' self-efficacy. I see myself as a role model for my students both as a lecturer and as a human being. I believe that when students exhibit intention to acquire knowledge, my responsibility is to create an interactive environment that optimally engages students in the learning process. My main goal in the near future is to incorporate innovative teaching techniques in order to improve the motivation and engagement of non-dominant students, and effectively meet learning outcomes in heterogeneous classes.