

Arash Shahravan

Birth date: 3/11/1975

Marital status: Married

Home:

Apart. 6 - No.28 – third Shafa Alley, Shafa Ave, Jomhuri Ave, Kerman, Iran

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Department of Endodontics,

School of dentistry, Kerman University of Medical Sciences

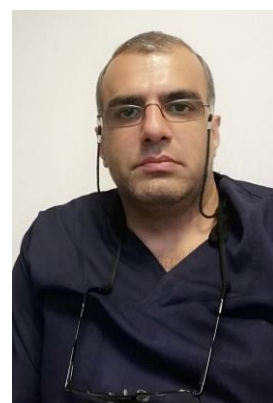
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Degrees

Kerman University of Medical Sciences, Kerman, Iran

PhD of Oral Epidemiology

2015

Dissertation: "An evaluation of the effects of socio-economic determinants and demographic factors on oral health according to Iranian national surveys"

Supervisors: Dr Ali-Akbar Haghdoost, Dr Mohammad-Reza Baneshi, Dr Hosein Hesari

Department of Epidemiology & Biostatistics,

School of Public Health, Kerman, Iran

Master of Philosophy (MPhil)

2008

Supervisor: Professor Ali-Akbar Haghdoost

MSc of Endodontics

2003

Dissertation: "A histologic study of the dental pulp after applying the same irritants and comparing to the teeth which have been restored: an animal study"

Endodontic Department, Dental school, Mashhad University of Medical Sciences

Doctor of Dental Sciences

1999

Dissertation: "Knowledge, attitude and practice of senior students of Shahid Beheshti dental school about oral health promotion methods "

Dental school, Shahid Beheshti university of Medical Sciences

Administration

Head of "Oral and Dental Diseases Research Center", Kerman University of medical sciences, Kerman, Iran

Vice Chancellor for Research, Dental school, Kerman University of medical sciences, Kerman, Iran

Director-in-Charge "Journal of Oral Health and Oral Epidemiology "Kerman university of medical sciences, Kerman, Iran

Head of "Endodontology Research Center", Kerman University of medical sciences, Kerman, Iran

Post-graduate director of Endodontic department

Awards

First rank of year-book competition of Iran	2004
Best dental Author in Iran in Shahid Ahmad Hedayat competition	2005
Best researcher of Kerman Dental School	2014
First rank of year-book competition of Iran	2015
Top dentist of Kerman province	2018

Teaching experiences:

Endodontics to undergraduate students	2003-continued
Endodontics to postgraduate students	2004-continued
Research methodology and Statistics to undergraduate students	2009-continued
Research methodology and Statistics to postgraduate students	2012-continued

Scientific Position

Assistant Professor

Department of Endodontics, School of Dentistry, Kerman University of Medical Sciences 2003-2009

Associate Professor

Department of Endodontics, School of Dentistry, Kerman University of Medical Sciences 2009-2016

Professor

Department of Endodontics, School of Dentistry, Kerman University of Medical Sciences 2016-current

Publications and Papers:

Scientific papers:

2020:

Eskandarizadeh, A., Mohammadzadeh, I., **Shahravan, A.**, Bavafa, M., Kakooei, S. and Torabi, M., 2020. Prevention of secondary caries by a new antibacterial compound. *Dental Research Journal*, 17(1), p.40.

Ohadi, M., **Shahravan, A.**, Dehghannoudeh, N., Eslaminejad, T., Banat, I.M. and Dehghannoudeh, G., 2020. Potential Use of Microbial Surfactant in Microemulsion Drug Delivery System: A Systematic review. *Drug Design, Development and Therapy*. 14: 541-50.

2019

Nawabi, N., **Shahravan, A.**, Yazdi, M.S.T. and Montajab, F., 2019. Probability of Publication Bias in Published Articles Resulting from Dental Dissertations of Medical Sciences Universities in Iran. *Pesquisa Brasileira em Odontopediatria e Clínica Integrada*, 19, p.4756.

Pouradeli, S., Rad, M., **Shahravan, A.**, Hashemipour, M.A. and Rezaeian, M., 2019. Effect of different methods of education on oral health in children with hearing impairment: A systematic review. *Journal of Oral Health and Oral Epidemiology*, 8(2), pp.55-60.

Salajegheh, S., **Shahravan, A.**, Samieirad, S., Navabi, N., Kakoei, S. and Hashemipour, M.A., 2019. The comments of dentists contributed in congresses in the field of dentistry on questionnaire-based researches, Tehran, Iran, 2015. *Journal of Oral Health and Oral Epidemiology*, 8(1), pp.24-30.

2018

Shahravan, A., Gorjestani, H., Izadi, A., & Mortazavi, N. (2018). Topographic Features of Five K-file Brands in Iranian Market: A Scanning Electron Microscopic Study. *Iranian endodontic journal*, 13(1), 66.

Hamze, F., Nasab, S. A. G., Eskandarizadeh, A., **Shahravan, A.**, Fard, F. A., & Sinaee, N. (2018). Thermal Scanning of Dental Pulp Chamber by Thermocouple System and Infrared Camera during Photo Curing of Resin Composites. *Iranian endodontic journal*, 13(2), 195.

Amiresmaili, M., Amini, S., **Shahravan, A.**, Goudarzi, R., Anari, S. H. S., Anbari, Z., & Ghanbarnejad, M. (2018). Relation between socioeconomic indicators and children dental caries in Iran: A systematic review and meta-analysis. *International journal of preventive medicine*, 9.

Fatemipour, B., **Shahravan, A.**, Mousavi-Fard, B., Vahedi, M., & Fatemipour, M. (2018). Assessment of the quality of randomized controlled trials in orthodontics published in PubMed indexed journals by Iranian authors from 2007 to 2017. *Journal of Oral Health and Oral Epidemiology*, 87-93.

Amiresmaili M, Amini S, **Shahravan A**, Goudarzi R, Saberi-Anari SH. What determines utilization of dental care services? The case of Iran. *J Oral Health Oral Epidemiol* 2018; 7(3): 139-47.

Rad, M., **Shahravan, A.**, & Haghdoost, A. A. (2018). Effective Factors on Oral Health Behaviors of 12-year-old Children in Cities and Villages of Iran: a Path Analysis. *Journal of Dentistry*, 19(3), 225.

Saffari F, Sobhanipoor MH, **Shahravan A**, Ahmadrajabi R. Virulence Genes, Antibiotic Resistance and Capsule Locus Polymorphisms in *Enterococcus faecalis* isolated from Canals of Root-Filled Teeth with Periapical Lesions. *Infect Chemother*. 2018 Dec;50(4):340-345.

Navabi, N., **Shahravan, A.** and Haj-Esmailzadeh, E., 2018. A PRISMA assessment of reporting the quality of published dental systematic reviews in Iran, up to 2017. *Journal of Oral Health and Oral Epidemiology*, 7(4), pp.191-197.

2017

Barouni M, Amiresmaeli MR, **Shahravan A**, Amini S. The Efficiency Assessment of Dental Units Using Data Envelopment Analysis Approach: The Case of Iran. *Iranian journal of public health*. 2017 Apr;46(4):552.

Aghahi RH, Nassab SA, Eskandarizadeh A, Saidi AR, **Shahravan A**, Hashemipour MA. Telescopic Dental Needles versus Conventional Dental Needles: Comparison of Pain and Anxiety in Adult Dental Patients of Kerman University of Medical Sciences—A Randomized Clinical Trial. *Journal of Endodontics*. 2017 Jun 1.

Haghdoost AA, Hessari H, Baneshi MR, Rad M, **Shahravan A**. The impact of mother's literacy on child dental caries: Individual data or aggregate data analysis?. *Journal of education and health promotion*. 2017;6.

Adl A, **Shahravan A**, Farshad M, Honar S. Success Rate and Time for Bypassing the Fractured Segments of Four NiTi Rotary Instruments. *Iranian endodontic journal*. 2017;12(3):349.

Fakheran O, **Shahravan A**. Bibliometric Study of periodontal publications by Iranian authors between 1995-2015: A Medline approach. *J Oral Health Oral Epidemiol* 2017; 6.

Mohammadreza Amiresmaili, Saeed Amini, **Arash Shahravan**, Reza Goudarzi, Seyed Hossein Saberi-Anari . Avoidance dental visit, the impact of predictor factors: A cross-sectional study in Kerman city, Iran. *Journal of Oral Health and Oral Epidemiology*, [S.I.], dec. 2017

Rad, M., **Shahravan, A.**, & Haghdoost, A. (2017). The dietary patterns of 12-year-old children and their awareness about the effect of diet on oral health in Iran. *Journal of Oral Health and Oral Epidemiology*, 6(2), 102-109.

2016

Rezvaninezhad RS, Navabi N, Atai Z, **Shahravan A**. The Effect Co2 Laser on Reducing Pain Associated with Aphthous Stomatitis. J Babol Univ Med Sci. 2016;18(10):20-5.

Shahravan, A., Karimi-Afshar, M., Torabi, M. and Safari, S., 2016. Assessment of Dental Environment Stress among Clinical Dentistry Students in Kerman Dental School, Iran, in 2014. *Strides in Development of Medical Education*, 12(4), pp.586-595.

Sheikhi M, **Shahravan A**. The level of evidence of published articles on orthodontics in Pub Med journals from Iran during 2000–2015.2016. *Journal of Oral Health & Oral Epidemiology*.

Hossein Molavi-Vardajani, Ali Akbar Haghdooost, **Shahravan A**, Maryam Rad Cleansing and preparation of data for statistical analysis: A step necessary in oral health sciences research.2016. *Journal of Oral Health & Oral Epidemiology*

Saeed Asgary, Sedigheh Sabbagh, Alireza Sarraf Shirazi, Maryam Ahmadyar, **Shahravan A**, Mohammad Sadegh Ahmad Akhoundi. PubMed-Indexed Dental Publications from Iran: A Scientometric Study. *Journal of Dentistry of Tehran University of Medical Sciences* 2016. 13(3):157-167.

Rezvaninejad R, **Shahravan A**. The level of evidence of articles published in Iranian Endodontic Journal in 3 years (2007, 2012 and 2013). 2016. *Journal of Oral Health & Oral Epidemiology*

Shiva Pouradeli, **Shahravan A**, Ali Eskandarizadeh, Forozan Rafie, Maryam A Hashemipour

2016 Sultan Occupational Stress and Coping Behaviours Among Dentists in Kerman, Iran Qaboos University Medical Journal

Saman Dastaran, Naser Hasheinejhad, **Arash Shahravan**, Mohammadreza Baneshi, Ali Faghihi . Identification and Assessment of Human Errors in Postgraduate Endodontic Students of Kerman University of Medical Sciences by Using the SHERPA Method. 2016. *Journal of Occupational Hygiene Engineering*.

Izadi, A., **Shahravan, A.** and Nejad, H.S., 2016. Physical Properties of Five Brands of K-Files. *Iranian endodontic journal*, 11(2), p.114.

Peyromusavi, F., Barouni, M., Naderi, T. and **Shahravan, A.**, 2016. Factors Affecting Response to Infertility Treatment: Case of Iran. *Global journal of health science*, 8(1), p.118.

Navabi N, **Shahravan A**. The Status of Evidence-Based Dentistry in Iran. *Journal of Research in Dental and Maxillofacial Sciences*. 2016 Jan 15;1(1):1-3.

REZVANINEZHADR, NAVABIN, ATAIEZ, **SHAHRAVAN A**. THE EFFECT CO2 LASER ON REDUCING PAIN ASSOCIATED WITH APHTHOUS STOMATITIS. *AMIRKABIR* 18 (10), 20-25.

2015

- Rafie, F., Zamani Jam, A., **Shahravan, A.**, Raoof, M. and Eskandarizadeh, A., 2015. Prevalence of upper extremity musculoskeletal disorders in dentists: Symptoms and risk factors. *Journal of environmental and public health*, 2015.
- Rad, M., **Shahravan, A.** and Haghdoost, A.A., 2015. Oral health knowledge, attitude, and practice in 12-year-old schoolchildren in Iran. *Journal of International Society of Preventive & Community Dentistry*, 5(5), p.419.
- Shahravan, A.**, Ghassemi, A.R. and Baneshi, M.R., 2015. Statistics for dental researchers: descriptive statistics. *Journal of Oral Health & Oral Epidemiology*.
- Navabi, N., **Shahravan A.** 2015. The Status of Evidence Based Dentistry in Iran. *Journal of Research in Dental and Maxillofacial Sciences*, 1(1), pp.1-3.
- Rad, M., **Shahravan, A.** Haghdoost, A.A., 2015. A systematic review of questionnaires used on oral health knowledge, attitude, and practice in 12-year-olds. *Journal of Oral Health and Oral Epidemiology*, 5(1), pp.1-12.
- Shahravan, A.**, Hessari, H., Baneshi, M.R., Rad, M. and Haghdoost, A.A., 2015. Predictors of missing data when asking parents about their children's diet based on "Oral Health Situation of Iranian Children" Survey. *Journal of Indian Society of Pedodontics and Preventive Dentistry*, 33(2), p.100.
- Tavakolinejad, Z., Hashemipour, M.A., **Shahravan, A.**, Mirzadeh, A., Mansori, M. and Gandjalikhan-Nassab, S.A., 2015. Evaluation of referral system to endodontists among a group of general dental practitioners. *Journal of Oral Health and Oral Epidemiology*, 4(1), pp.17-23.

2014

- Shahravan A.**, Haghdoost AA, Rad M, Hashemipoor MA, Sharifi M. Sample Size Calculation of Clinical Trials Published in Two Leading Endodontic Journals. *Iran Endod J.* 2014; 9(1):56-60.
- Sadeghi M, Haghdoost AA, Gorjestani H, Eghbal MJ, Pakshir HR, **Shahravan A.**, et al. Research Problems and Solutions in Dentistry in Iran: a Qualitative Study. *Hakim Research Journal* 2014; 16(4): 269- 280. (Corresponding author)
- Shahravan, A.**, Haghdoost A.A. "Endodontic epidemiology." *Iranian endodontic journal* 9.2 (2014): 98.

Agahi, R. H., Navabi, N., **Shahravan, A.**, & Ghassemi, A. (2014). Critical Appraisal of Reporting Randomized Clinical Trials Published in Iranian Dental Journals During 2003–2010. *Journal of dentistry (Tehran, Iran)*, 11(3), 310.

Navabi, N., **Shahravan, A.**, Pourmonajem, S. and Hashemipour, M.A., 2014. Knowledge and use of evidence-based dentistry among Iranian dentists. *Sultan Qaboos University medical journal*, 14(2), 223.

Raouf, M., Heidaripour, M., **Shahravan, A.**, Haghani, J., Afkham, A., Razifar, M. and Mohammadalizadeh, S., 2014. General dental practitioners' concept towards using radiography and apex-locators in Endodontics. *Iranian endodontic journal*, 9(4), 277-282.

Parirokh, M., Kazemizadeh, Z., **Shahravan, A.**, Sahranavard, G. and Haghdost, A.A., 2014. A comparative study of the cleaning effect of various ultrasonic cleaners on new, unused endodontic instruments. *Journal of Oral Health and Oral Epidemiology*, 3(2), pp.85-91.

2013

Haghdost AA, **Shahravan A.** Do you recommend an interdisciplinary field to your graduate student? *International Journal of Health Policy and Management* 2013; 1: 1-2.

Navabi N, **Shahravan A.**, Modaberi A. Reporting of Ethical Considerations associated with Clinical Trials Published in Iranian Dental Journals between 2001 and 2011. *Iran J Public Health*. 2013 Jun 1; 42(6):594-601.

Jahani, Y., Eshraghian, M., Rahimi Foroushani, A., Nourijelyani, K., Mohammad, K., **Shahravan A.**, Alam, M. Effect of Family Structure and Behavioral and Eyesight Problems on Caries Severity in Pupils by Using an Ordinal Logistic Model. *Iranian J Publ Health*, Vol. 42, No. 8, Aug 2013: 889-895.

Mirzadeh A, Gholami S, Rafiee F, **Shahravan A.** An evaluation of the knowledge and attitude of school teachers regarding root canal therapy in Kerman, Iran. *J Oral Health Oral Epidemiol* 2013; 2(2):1-8 (corresponding author)

Shafiei L, **Shahravan A.** The Level of Evidence in Two Leading Endodontic Journals. *Iran Endod J.*

2013; 8(1): 18-21. (Corresponding author)

Jahani, Y, R. Eshraghian, M, Foroushani, A. Nourijelyani, K. , Mohammad, K. , **Shahravan, A.** and Alam, M. (2013) Effect of socio-demographic status on dental caries in pupils by using a multilevel hurdle model. *Health*, **5**, 1110-1116.

Shahabinejad H, Ghassemi A, Pishbin L, **Shahravan A.** Success of ultrasonic technique in removing fractured rotary nickel-titanium endodontic instruments from root canals and its effect on the required force for root fracture. *J Endod.* 2013 Jun; 39(6):824-8. (Corresponding author)

Rad M, Chamani G, **Shahravan A**, Hedayati N, Alizadeh F. Survey of prevalence of xerostomia in a population of Kerman, Iran, attending medical and dental clinics. *J Oral Health Oral Epidemiol* 2013; 2(1): 28-34.

2012

Oraie E, Ghassemi AR, Eliasifar G, Sadeghi M, **Shahravan A.** Apical Sealing Ability of MTA in different Liquid to Powder Ratios and Packing Methods. *Iran Endod J.* 2012 winter; 7(1):5-9. (Corresponding author)

Shahravan A, Jalali S, Mozaffari B, Pourdamghan N. Overextension of nonsetting calcium hydroxide in endodontic treatment: literature review and case report. *Iran Endod J.* 2012 Spring; 7(2):102-8.

Shahravan A, Baneshi M.R. Statistics for dental researchers; part 1: Introduction. *J Oral Health Oral Epidemiol* 2012; 1(1): 1-2.

Shahravan A, Ghassemi A.R, Baneshi M.R. Statistics for dental researchers: descriptive statistics. *J Oral Health Oral Epidemiol* 2012; 1(2): 53-59.

Sadeghi M, **Shahravan A**, Haghdoost AA, Asgary S, Rad M. Trend in dental research output in Iran over a period of 20 years (1990-2009). *Int Dent J.* 2012

Apr; 62(2):84-9. (Corresponding author)

2011

Shahravan A, Jalali SP, Torabi M, Haghdoost AA, Gorjestani H. A histological study of pulp reaction to various water/powder ratios of white mineral trioxide

aggregate as pulp-capping material in human teeth: a double-blinded, randomized

controlled trial. *Int Endod J.* 2011 Nov; 44(11):1029-33.

2010

Shahravan A, Rekabi A, Shahabi H, Ashuri R, Mirzazadeh A, Rad M, Haghani J. A digital stereomicroscopic study of the furcation wall thickness of mesiobuccal roots of maxillary first and second molars. *Iran Endod J.* 2010 spring; 5(2):88-92.

Asgary S, Shadman B, Ghalamkarpour Z, **Shahravan A**, Ghoddusi J, Bagherpour A,

Akbarzadeh Baghban A, Hashemipour M, Ghasemian Pour M. Periapical Status and quality of Root canal Fillings and Coronal Restorations in Iranian Population.

Iran Endod J. 2010 spring; 5(2):74-82.

Shahravan A, Ghoddusi J, Eslami B, Rategar AF. A histopathological study of the pulp of dogs' teeth after induction of experimental pulp inflammation for different periods of time. J Microsc. 2010 Feb; 237(2):119-21.

2009

Rad M, Haghani J, **Shahravan A**, Khosravifar A. Qualitative assessment of the dental health services provided at a dental school in Kerman, Iran. Braz Oral Res. 2009 Oct-Dec; 23(4):377-80.

2007

Parirokh M, Eghbal MJ, Asgary S, Ghoddusi J, Stowe S, Forghani F, **Shahravan A**: Effect of 808nm Diode Laser Irradiation on the root canal walls after smear layer removal: A scanning electron microscope study. Iranian Endodontic Journal 2007; 2:37-42.

Shahravan A, Haghdoost AA, Adl A, Rahimi H, Shadifar F. Effect of smear layer on sealing ability of canal obturation: a systematic review and meta-analysis. J Endod. 2007 Feb; 33(2):96-105.

2005

Shahravan A, Rahimi H. Case report: treatment of caries perforation in the furcal region. Beheshti Univ. Dent. J. 2005; 23(1):75-79.

Citation of my papers (google scholar)

Citation indices	All	Since 2013
<u>Citations</u>	818	535
<u>h-index</u>	13	12
<u>i10-index</u>	16	14

Citation of my papers in textbooks

1. Cohen S, Hargreaves K: Pathways of the pulp. 10th edition, 2011
2. Bergenholtz G. Text book of Endodontology, 2th edition, 2010
3. Seltzer and Bender's Dental pulp, 2th edition, 2012
4. Priyanka Jain. Common Complications in Endodontics: Prevention and Management, first edition, 2018.
5. Josette Camilleri. Mineral Trioxide Aggregate in Dentistry: From Preparation to Application.2014
6. Eyal Rosen, carlos E. Nemcovsky, Igor Tthesis. Evidence-Based Decision Making in Dentistry: Multidisciplinary Management of the natural dentition. 2017.
7. Giovanni Olivi, Roeland De Moor, Enrico DiVito. Lasers in Endodontics: Scientific Background and Clinical Applications.2016.

Books

1. Root canal preparation; fundamentals, instruments and techniques

Shahravan A, Rahimi H, Eghbal MJ, Movahedian A, Moradi S. Karvar publisher, First edition: 2005 and second edition: 2008

2. Endodontics. Text book. Chapter 29 (Endodontic Epidemiology).2015
3. Epidemiology textbook of prevalent diseases in Iran. Chapters: 38(Dental caries) and 39 (periodontal diseases)
4. Systematic review & meta-analysis, concepts, applications & statistical practices. Fourth edition.

Some Congress presentations

1. **Shahravan A.** Methodology for evaluating endodontic diagnostic tests and critical appraisal of related papers. 5th Iranian congress of Endodontics. Tehran, Iran. August 14, 2001.
2. **Shahravan A.** Review of some root canal cleaning and shaping techniques. 5th Iranian congress of Endodontics. Tehran, Iran. August 14, 2001.
3. **Shahravan A.** Gorjestani H. Ideal radiographic imaging in Endodontics. 11th International congress of Iranian association of Endodontists. July 16-18. 2008.
4. **Shahravan A.** Smear layer in root canal preparation. 8th Iranian congress of Endodontics. Shiraz, Iran. February 9-11, 2005.
5. **Shahravan A.** Treatment of necrotic teeth with open apex. New advancement in pediatric dentistry congress. Kerman, Iran. June 20, 2007.
6. Asgary S, Shademan B, Ghalamkarpour Z, **Shahravan A**, Ghoddusi J. Periapical status of teeth and its relation to quality of root canal therapy and crown restorations in Iran. First Iranian congress of clinical epidemiologic studies in dentistry in Iran. Kerman, Iran. November 25-7, 2009.
7. Falsafi F, Haghdoust AA, **Shahravan A**, Sadeghirad M. Distribution of DMF index in Iran: a systematic review and meta-analysis. First Iranian congress of clinical epidemiologic studies in dentistry in Iran. Kerman, Iran. November 25-7, 2009.
8. **Shahravan A.** Dental research in Iran. 50th International congress of Iranian Dental Association. Tehran, Iran. May 11-14, 2010.
9. **Shahravan A.** Clinical guideline for rotary nickel-titanium instrumentation. 49th International congress of the Iranian Dental Association. Tehran, Iran. May 5-8, 2009.
10. **Shahravan A.** Evidence-based endodontics. 10th Iranian congress of Endodontics. Tehran, Iran. July 26-28, 2007.
11. **Shahravan A.** Shafie L. Is Endodontics based on evidence? 12th Iranian congress of Endodontics Tehran, Iran. August 4-7, 2009.
12. **Shahravan A.** Use of the microscope in Endodontics. 13th congress of Iranian association of Endodontists. Mashhad, Iran. July 28-30, 2010.
13. **Shahravan A.** New advances in Endodontics. 16th scientific meeting of APEC & 14th annual congress of IAE. Shiraz, Iran. April 20-22, 2011.

14. **Shahravan A**, Sadeghi M. qualitative and quantitative analysis of dental researches in Iran during 1990-2009(a bibliometric analysis).The first national congress of dental research in Iran (Past, Present and Future).Kerman, Iran. Winter 2011.
15. **Shahravan A**, Shadifar F. Evidence based Endodontics.10th International congress of Iranian Endodontists. Tehran, Iran.July 26-28, 2007.
16. **Shahravan A**. Endodontic Epidemiology.The first symposium of Iranian Endodontists.Tehran, Iran. October 10-11, 2013.

Hobbies

Playing Tennis, travelling with my family and watching movies.