



دانشگاه علوم پزشکی و خدمات بهداشتی درمانی استان همدان
دانشکده دندانپزشکی



نام و نام خانوادگی: سمانه شیراحمدی آخرین مدرک تحصیلی: دکتری تخصصی آموزش بهداشت

تاریخ تولد: رتبه علمی: هیئت علمی

گروه آموزشی: سلامت دهان و دندانپزشکی اجتماعی

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آدرس محل کار: همدان، خیابان شهید فهمیده، روبروی پارک مردم، دانشکده دندانپزشکی، گروه آموزشی اندودانتیکس

تلفن محل کار: ۳۸۳۸۱۰۵۹ دورنگار: ۳۸۳۸۱۰۸۵

Summary

- Highly motivated researcher with 10 years of experience in health education and promotion resulting in 20 publications in peer reviewed scientific journals and 5 posters at international conferences and 1 outstanding poster at an international conference.
- Effective leadership as supporting and encouraging student to achieve goals, helping them work through barriers, plus providing feedback and information on performance resulting in 2 dental students completed theses with high score and 5 group research projects which were implemented.

Education

Ph.D. in Health education and promotion, Department of Public Health, Hamadan University of Medical Sciences. 2013 - 2018

Thesis title: Effect of health educational program on promoting oral health among elementary School students in Hamadan: Developing an educational model
GPA: 19.50 (out of 20)

M.Sc. in Health education and promotion, Department of Public Health, Hamadan University of Medical Sciences. 2009 - 2012

Thesis title: Evaluation of the effectiveness of multisensory educational program based on rational action theory and CIPP model, in premarital educational classes in Hamadan
GPA: 18.91 (out of 20)

Research Interests

- Health education
- Public health
- Oral health

- Health promotion
- Epidemiology
- Health literacy

Work Experience

Assistant Professor, Department of Community Oral Health, School of Dentistry 2020 - *Present*
Hamadan University of Medical Sciences, Iran.

- I teach and conduct research. I guide and supervise graduates, and spend time conducting investigations and studies. I also serve on university committees.

Research assistant 2014 - 2020
Hamadan University of Medical Sciences, Iran

- Proposal preparation, data collection, data analysis, publishing final reporting and article

Telephone counseling of behavioral diseases 2010 - 2012
Hamadan health center, Iran

- Education, counseling of people with high-risk behavior (unsafe sexual contact, people with multiple sexual partners, injecting drug addicts, etc.).
- Education, counseling of sexually transmitted diseases.
- Education, counseling and harm reduction in people with risky behavior - Counseling for people in contact with contaminated blood and secretions.

Expert in charge of "family planning" program and "elderly" program 2005 - 2007
Hamadan health center, Iran

- Planning, evaluating and monitoring the implementation of the program in the city

Award & Honors

- Ranked 1st among Ph.D. Students of health education and promotion, Hamadan University of Medical sciences, 2018.
- Outstanding poster in 3rd International & 8th national congress on Health education and promotion, 2017.
- Ranked 1st among M.Sc. students of health education and promotion, Hamadan University of Medical sciences, 2012.
- Outstanding expert in Kabudarahang Health center, 2006

Technical & Research Experience

Associate Editor for the following journals:

- Plos one
- Journal of Education and Community Health

Reviewer for the following journals:

- Journal of Education and Community Health (Reviewer of 25 papers).
- BMC Oral Health (Reviewer of 4 papers).
- Journal of pharmaceutical Research International (Reviewer of 2 papers).
- Avicenna Journal of Dental Research (Reviewer of 2 papers).
- Plos one(Reviewer of 4 papers).

Reviewer for the following Report of Research Project:

- Hamadan University of Medical Sciences, Vice chancellor for research and technology (Reviewer of 17 Project).

Supervisor and Advisor of Thesis

- Supervisor of Thesis (3person)
- Advisor of Thesis (3person)

Publication

Journal Papers (*As corresponding author)

1. Shirahmadi S ,Bashirian S, Barati M, Jenabi E, Haghighi M, Shamsaei F, et al. Fear and COVID-19 protective behaviors among high school students in Hamadan, Iran; Application of an extended parallel process model. Journal of Education and Community Health. 2021;8(3):165-72. (Citation:1)
2. Shirahmadi S, Khazaei S, Meschi M, Miresmaeili AF, Barkhordar S, Heidari A, et al. Dental caries experience in primary school-age children following" Students' Oral Health Promotion Program," Iran. International Journal of Dental Hygiene. 2021. (Citation: 0)
3. Shirahmadi S, Seyedzadeh-Sabounchi S, Khazaei S, Bashirian S, Miresmaeili AF, Bayat Z, et al. Fear control and danger control amid COVID-19 dental crisis: Application of the Extended Parallel Process Model. PloS one. 2020;15(8):e0237490 (Citation:27)
4. Shirahmadi S, Khazaei S, Jalili E, Kazemian H, Sadri M, Farhadinasab A, Jenabi E, Bashirian S. Intention to get vaccinations against COVID-19 in Iran hospital staff: Application of the Theory

of Planned Behavior. Indian Journal Of Occupational And Environmental Medicine.2022.(Citation:0)

5. Bashirian S, **Shirahmadi S***, Seyedzadeh-Sabounchi S, Soltanian AR, Karimi-Shahanjarini A, Vahdatinia F. Association of caries experience and dental plaque with sociodemographic characteristics in elementary school-aged children: a cross-sectional study. BMC oral health. 2018;18(1):1-12. (Citation:47)
6. Bashirian S, Seyedzadeh-Sabounchi S, **Shirahmadi S***, Soltanian A-R, Karimi-Shahanjarini A, Vahdatinia F. Socio-demographic determinants as predictors of oral hygiene status and gingivitis in schoolchildren aged 7-12 years old: A cross-sectional study. PloS one. 2018;13(12):e0208886. (Citation:27)
7. Hazavehei SMM, **Shirahmadi S***, Taheri M, Noghan N, Rezaei N. Promoting oral health in 6-12 year-old students: A systematic review. Journal of Education and Community Health. 2015;1(4):66-84. (Citation:17)
8. Hazavehei MM, **Shirahmadi S***, Roshanaei G. Educational program status of premarital counseling centers in Hamadan province based on theory of reasoned action (TRA). Journal of Fasa University of Medical Sciences. 2013;3(3):241-7(Citation:14)
9. Parsa P, Taheri M, Rezapur-Shahkolai F, **Shirahmadi S***. Attitudes of Iranian students about organ donation: a qualitative study. BMC medical ethics. 2019;20(1):1-11. (Citation:10)
10. Bashirian S, Seyedzadeh-Sabounchi S, **Shirahmadi S***, Karimi-Shahanjarini A, Soltanian AR, Vahdatinia F. Predictors of oral health promotion behaviors among elementary school children: Examination of an extended social cognitive theory. International journal of paediatric dentistry. 2021;31(2):191-203. (Citation:7)
11. Barati M, Ahmadpanah M, Shirahmadi S, Bashirian S, Parsa P, Holsboer-Trachsler E, et al. Differential impact of sociodemographic variables on the quality of life of menopausal Iranian women. Avicenna Journal of Neuro Psycho Physiology. 2016;3(2):35-43. (Citation:6)
12. Bashirian S, Khazaei S, Barati M, Jenabi E, Soltanian AR, Shirahmadi S, et al. COVID-19 prevention behaviors among health staff: Data from a large survey in the west of Iran. Journal of Research in Health Sciences. 2021;21(1):e00509. (Citation:4)
13. Rezapur-Shahkolai F, Taheri M, Etesamifard T, Roshanaei G, **Shirahmadi S***. Dimensions of aberrant driving behaviors and their association with road traffic injuries among drivers. PLoS one. 2020;15(9):e0238728. (Citation:4)

14. Hazavehei SMM, Taheri M, Shirahmadi S, Rezaei N. The effect of teaching cooking skills to parents on health status of children and adolescents: a systematic review. *Journal of Education and Community Health*. 2015;2(1):58-69. (Citation:3)
15. Khazaei S, Ahmadian M, Shirahmadi S, Jenabi E, Saboonchi S, Dadaei N, et al. Determinants of Dental Caries in Children Aged 7-12 Years in Iran: A Case-Control Study. *International Journal of Pediatrics*. 2021;9(11):14812-20. (Citation: 0)
16. Moeini B, Taheri M, **Shirahmadi S***, Otogara M. Declining Desire for Childbearing in Couples with Higher Education: A Qualitative Study in Iran. *Journal of Population and Social Studies [JPSS]*. 2021;29:604-21. (Citation: 0)
17. Jenabi E, Bashirian S, Khazaei S, Poordavood M, Heidarimoghdam R, Barati M, et al. Rates of Anxiety, Depression, and Stress Among High School Students During the COVID-19 Pandemic. *Current Psychiatry Research and Reviews Formerly: Current Psychiatry Reviews*. 2021;17(2):98-104. (Citation: 0)
18. Heidari A, Miresmaeili A, Poormohammadi A, Bashirian S, Meschi M, Karkehabadi H, Samane **Shirahmadi***, et al. Management of Dental School During the COVID-19 Pandemic: Application of Intervention Mapping. *Frontiers in Public Health*. 2021; 9. (Citation: 0)
19. Shohreh Ghasemi, Seyed Alireza Nadji , Ali Heidari , James N. Jeffery, Mahboobeh Karimi-Galougahi, Negar Raygani, Salman Khazaei, Freshteh Mehri, Ali Poormohammadi, Saeid Bashirian, Maryam Mehrpooya , Amirfarhang Miresmaeili, Farid Azizi Jalilian , Samaneh Shirahmadi , Fariba Keramat , Alireza Soltanian , Nastaran Ansari, Farhad Zeynalzadeh, Amirali Ebrahimi , Amirreza Dashti, Ryan F. Bloomquist , Mahmood Dashti . Reduction in SARS-CoV-2 Oral Viral Load with Prophylactic Mouth Rinse. *European Journal of General Dentistry*.2022(Citation: 0)
20. Bashirian S, Barati M, Khazaei S, Jenabi E, Gholami L, Shirahmadi S. Determinants of Tooth Brushing Behavior among Pregnant Women: An Application of the Pender's Health Promotion Model. *Health Education and Health Promotion*. 2023;11(1):53-61.
21. Shirahmadi S, Hazavehei SMM, Abbasi H, Otogara M, Etesamifard T, Roshanaei G, et al. Effectiveness of online practical education on vaccination training in the students of bachelor programs during the Covid-19 pandemic. *Plos one*. 2023;18(1):e0280312.
22. Bashirian S, Barati M, Barati M, Shirahmadi S, Khazaei S, Jenabi E, et al. Promoting oral health behavior during pregnancy: a randomized controlled trial. *Journal of Research in Health Sciences*. 2023;23(2).
23. Bashirian S, Khoshravesh S, Ayubi E, Karimi-Shahanjarini A, Shirahmadi S, Solaymani PF. The impact of health education interventions on oral health promotion among older people: a systematic review. *BMC geriatrics*. 2023;23(1):548.

24. Noghan N, Sadri M, Jalili E, Hejazi S, Noghan N, Jalilvand M, Jenabi E, **Shirahmadi S***. Nursing performance and smartphone use in clinical settings. *Indian Journal Of Occupational And Environmental Medicine*.2022.(accepted)

Conferences:

1. Rezapur-Shahkolai, Shirahmadi S, Taheri M, Etesamifar T. Driving errors and violations, and their relation to road traffic injuries among drivers in Hamadan city, Iran. 8th International Conference on Traffic Disaster Reduction Challenges and Future Solutions. Shiraz University of Medical science. 2018
2. Shirahmadi S, Bashirian S, Seyedzadeh-Sabounchi S, Soltanian AR, Karimi-shahanjarini A, Vahdatinia F. Association of caries experience and dental plaque with sociodemographic characteristics in elementary school-aged children: a cross-sectional study. 3rdInternational & 8th national congress on Health education and promotion. Esfahan University of Medical science. 2017.
3. Shirahmadi S, Hazavehei MM, Malihe Taheri, Noghan N, Rezaaei N. Promoting Oral Health in 6-12 Year-Old Students: A Systematic Review. 3rdInternational & 8th national congress on Health education and promotion. Esfahan University of Medical science. 2017.
4. Moeini B, Taheri M, Shirahmadi S, Otogara M. Not to Childbearing: A Grounded Theory Study of to decision-making process of Childbearing in Iranian academic elite couples. 3rdInternational & 8th national congress on Health education and promotion. Esfahan University of Medical science. 2017.
5. Shirahmadi S, Hazavehei MM, Bashirian S, Roshanaee Ghodratoollah. Evaluation the effectiveness of multi-sensory curriculum based on the theory of reasoned action (TRRA) and CIPP model at premarital education centers in Hamadan. 2ndInternational & 6th national congress on Health education and promotion. Kermansha University of Medical science. 2015

Ongoing projects

Research project

1. Investigating the impact of the debate teaching-learning method on the development of skills and abilities of dental students of Hamadan University of Medical Sciences in 2022 ([Principle investigator](#)).
2. **The impact of health education interventions on the promotion of oral health in the elderly: a systematic review** ([Co investigator](#)).
3. Determining the relationship between mineral levels of drinking water resources and oral health of residents of Hamadan province in 2022 ([Principle investigator](#)).

4. Exploring the psychological experience of Hamadan dentists' during the Covid 2019 epidemy ([Principle investigator](#)).
5. Evaluation of dentists 'exposure to aerosols produced by different dental treatments: Simulation of dentists' exposure to SARS-Cov-2 particle virus ([Co investigator](#)).
6. Caries prevalence and its associated factors of first permanent molars in primary school students in Hamadan ([Principle investigator](#)).
7. Investigation the prevalence and types of Oral Manifestations in Patients with COVID-19 ([Co investigator](#)).

Thesis

8. Designing, implementing and evaluation of an educational program based on Pender's Expanded Health Promotion Model on gingival health in pregnant women ([Advisor](#)).
9. Assessing the compliance with COVID-19 dental care instruction and its influencing factors ([Advisor](#)).
10. Evaluation of oral health status of workers exposed to breathable crystalline free silica compared with the control group in Hamadan factories in 2022 ([Supervisor](#)).

English & GRE Tests

I have not taken the test yet

Computer Skills

- Expert in working with IBM SPSS statistic, AMOS, Camtasia Studio, End Note
- Expert in working with Microsoft Office Word, Excel and Power Point
- Good work experience with Adobe Photoshop.

Hobbies

Sport (Skate, Badminton), Music, Journey

References

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