



دکتر مهدی جهانگیری

دکتری تخصصی مهندسی بهداشت حرفه ای

استاد گروه مهندسی بهداشت حرفه ای و ایمنی کار

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Scopus link: <https://www.scopus.com/authid/detail.uri?authorId=55113349400>

Google Scholar: <https://scholar.google.com/citations?user=wlu6pXQAAAAJ&hl=en>

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Department link; <https://schealthen.sums.ac.ir/page-SchealthEN/en/255/form/pId36791>

سوابق اجرایی:

رئیس بهداشت صنعتی مدیریت HSE شرکت ملی صنایع پتروشیمی به مدت ۷ سال

مدیر گروه مهندسی بهداشت حرفه ای دانشگاه علوم پزشکی شیراز از سال ۱۳۹۲ تا ۱۴۰۱

مدیر دفتر ارتباط با صنعت دانشگاه علوم پزشکی شیراز، ۱۳۹۸ تا ۱۴۰۱

عضو هیئت ممکنه و ارزشیابی رشته مهندسی بهداشت حرفه ای از سال ۱۳۹۹

مسئول دبیرخانه انجمن بین المللی بهداشت حرفه ای (ICOH) در ایران سال ۲۰۱۸-۲۰۲۴

عضو کمیته تدوین استاندارد ماسکهای تنفسی (سازمان ملی استاندارد) و عضو کمیته عوامل شیمیایی تدوین حدود مجاز مواجهه شغلی (OEL)

توانمندی های تخصصی:

ارائه خدمات پژوهشی، آموزشی، خدماتی و مشاوره ای در خصوص ایمنی صنعتی، حفاظت تنفسی، بهداشت صنعتی، ارزیابی ریسک ارزیابی قابلیت اطمینان انسانی، ارزیابی و کاهش خطاهای انسانی، ارزیابی فرهنگ ایمنی

سوابق دانشگاهی و تخصصی:

الف- عناوین علمی کسب شده:

پژوهشگر برتر دانشگاه در زمینه چاپ مقاله، تالیف کتاب و ارتباط با صنعت

ب- ثبت اختراع:

- ۱- ساخت کارتریج ماسک تنفسی با استفاده از جاذب های هیبریدی حاوی نانوساختارهای کربنی جهت حذف بخارات آلی (شماره ثبت ۷۴۱۳۹-۹۰/۱۲/۱۰).
- ۲- ماسک نیم صورت صنعتی برای کارگران ایرانی (شماره ثبت ۹۳۶۱۲ - ۹۶/۶/۲۸)
- ۳- محلول گیاهی آزمون انطباق ویژه ماسکهای تنفسی نیم صورت (شماره ثبت ۹۷۷۸۰)

پ- کتاب های تالیفی:

- ۱- راهنمای واکنش در شرایط اضطراری (ERG) (انتشارات طرفه) ویرایش اول و دوم
- ۲- سیستمهای مدیریت یکپارچه سلامت، ایمنی و محیط زیست (HSE & IMS) (انتشارات فن آوران)
- ۳- آزمایشگاه و کارگاه ایمنی صنعتی (انتشارات فن آوران)
- ۴- اصول ایمنی حریق (انتشارات فن آوران)
- ۵- مدیریت و ارزیابی ریسک (جلد اول، دوم و سوم) انتشارات فن آوران
- ۶- ارزیابی ریسک حریق ساختمانها با استفاده از نرم افزار CFSES (انتشارات فن آوران)
- ۷- حفاظت تنفسی (انتشارات دانشگاه علوم پزشکی شیراز)

- ۸- ایمنی ماشین آلات (انتشارات دانشگاه علوم پزشکی شیراز)
- ۹- ایمنی مواد شیمیایی (انتشارات دانشگاه علوم پزشکی شیراز)
- ۱۰- ایمنی و بهداشت در بیمارستانها و مراکز بهداشتی-درمانی (انتشارات دانشگاه علوم پزشکی شیراز)
- ۱۱- ایمنی و بهداشت در معدن و معدن کاری (انتشارات فدک ایساتیس)
- ۱۲- راهکارهای ارگونومیک در صنایع فرایندی (انتشارات فدک ایساتیس)
- ۱۳- مجموعه چهار جلدی الزامات بهداشت کار در صنایع پتروشیمی (انتشارات حک).
- ۱۴- کلیات مهندسی بهداشت حرفه ای (انتشارات دانشگاه علوم پزشکی شیراز)
- ۱۵- کلیات مدیریت و مهندسی ایمنی (انتشارات دانشگاه علوم پزشکی شیراز)
- ۱۶- ایمنی کار در ارتفاع (انتشارات حک).
- ۱۷- راهنمای بهداشت شغلی ویژه پیشگیری از بیماری کووید ۱۹ (کرونا ویروس) (انتشارات حک).
- ۱۸- روشهای ارزشیابی در بهداشت صنعتی (انتشارات دانشگاه تهران)
- ۱۹- ایمنی و خطای انسانی (انتشارات حک)
- ۲۰- مدیریت و ارزیابی ریسک (جلد اول و سوم) (انتشارات فن ویران، ویراست دوم ۱۴۰۱)

لیست کامل کتابهای چاپ شده:

<https://www.ketabcity.com/BookList.aspx?Type=Authorid&Code=229927&pageIndex=1&pageSize=1>

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ت- طرحهای ارتباط با صنعت :

- ۱- استقرار نظام مدیریت سلامت ، ایمنی و محیط زیست در سازمان بهداشت و درمان صنعت نفت فارس
- ۲- تعیین طول عمر کارتریج و بررسی میزان انطباق (Fit test) ماسکهای تنفسی در واحدهای تصفیه پساب شرکت پتروشیمی فجر
- ۳- تعیین طول عمر و کارایی کارتریج ماسکهای تنفسی مورد استفاده در شرکت های تابعه شرکت ملی صنایع پتروشیمی
- ۴- بررسی میزان تراکم بیوآئروسولهای هوابرد در تصفیه خانه های صنایع پتروشیمی
- ۵- ارزیابی اثرات بهداشتی ناشی از عوامل زیان آور شغلی با رویکرد ریسک بهداشت حرفه ای در شرکت پلیمر آریاساسول
- ۶- تهیه دستورالعمل و مشاوره در خصوص ارزیابی ریسک بهداشت حرفه ای در شرکت پتروشیمی امیرکبیر
- ۷- ارزیابی اثرات بهداشتی (Health Impact Assessment) ناشی از عوامل زیان آور شغلی با رویکرد ارزیابی ریسک بهداشت حرفه ای در شرکت پتروشیمی پارس
- ۸- ارزیابی قابلیت اعتماد انسانی در مشاغل حساس و بحرانی یک صنعت پتروشیمی (شرکت ملی صنایع پتروشیمی)
- ۹- تهیه دستورالعملهای بهداشت صنعتی (شرکت ملی صنایع پتروشیمی)
- ۱۰- تدوین و استقرار برنامه حفاظت تنفسی در شرکت پتروشیمی اروند
- ۱۰- تدوین و استقرار برنامه حفاظت تنفسی در شرکت پتروشیمی بوعلی سینا
- ۱۱- ارزیابی ریسک بهداشتی گروههای شغلی در شرکت پتروشیمی لاله
- ۱۲- ارزیابی ریسک بهداشتی گروههای شغلی در شرکت پتروشیمی فجر

ث- کارگاههای آموزشی ویژه صنایع:

برگزاری کارگاههای آموزشی در خصوص HSE، ایمنی و بهداشت حرفه ای از جمله مدیریت و ارزیابی ریسک، حفاظت تنفسی و شنوایی، اصول کاربردی در انتخاب و کاربرد تجهیزات حفاظت فردی، تشریح الزامات کتابچه OEL کشوری، تحلیل حوادث، سیستم های مدیریت ایمنی، شناسایی و ارزیابی خطاهای انسانی.

ج- مقالات علمی:

Google scholar link: <https://scholar.google.com/citations?user=wlu6pXQAAAAAJ&hl=en&oi=ao>
Scopus link: <https://www.scopus.com/authid/detail.uri?authorId=55113349400>
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List of Supervised Treatises and Dissertations

| No. | Title | Approved Date | Finished Date |
|-----|--|---------------|---------------|
| 1 | <u>Investigating effects of a training program on resilience, social capital, psychological wellbeing and health-promoting lifestyle among administrative staff applying SCT embedded in PRECEDE-PROCEDE Model.</u> N/A Name Family <u>Maryam Akbari Mehdi Jahangiri Hamidreza Mokarami</u> N/A <u>Mohammad Hossein Kaveh</u> | 2021-2-13 | |
| 2 | <u>Predicting metabolic syndrome based on job stress, sleep disorders and risk factors related to work</u> <u>Hamidreza Mokarami Hossein-Ali Nikbakht Mehdi Jahangiri Vahid Gharibi</u> Name Family | 2020-9-1 | 2021-3-1 |
| 3 | <u>Quantitative Fitting Characteristics of Filtering Face-piece Respirators in the Iranian marketplace for protection against Covid 19 (Corona virus)</u> <u>Mehdi Jahangiri</u> Name Family | 2020-8-14 | |

| No. | Title | Approved Date | Finished Date |
|-----|---|---------------|---------------|
| 4 | <u>Feasibility of replacing Accumed NF60 Nebulizer by the OSHA-approved Nebulizer for qualitative fit testing of particulate respirators</u> <u>Mehdi Jahangiri</u> Name Family | 2020-6-5 | |
| 5 | <u>Assessing the Qualitative characteristics of half-piece respirators in Iranian marketplaces</u> <u>Mehdi Jahangiri</u> Name Family | 2019-12-30 | 2020-10-30 |
| 6 | <u>Identification and Assessment of The Influential Factors on Occurrence of the Construction industry Accidents in Fars Using Fuzzy DEMATEL-ISM methods</u> Name Family <u>Mehdi Jahangiri</u> <u>Moslem Alimohammadloo</u> <u>Mojtaba Kamalinia</u> | 2018-9-25 | 2019-3-23 |
| 7 | <u>Fire risk assessment in the commercial high rise buildings of Shiraz city based on NFPA101</u> <u>Mehdi Jahangiri</u> Name Family | 2018-7-31 | 2018-12-30 |
| 8 | <u>Identification and prioritization of the factors causing violence against health care worker using Delphi and fuzzy analytical hierarchy process</u> <u>Mehdi Jahangiri</u> <u>Payam Farhadi</u> Name Family | 2018-7-31 | 2018-12-30 |
| 9 | <u>The Investigation of occupational diseases and their complaints among primary and secondary school teachers in shiraz in 2016</u> <u>Mehdi Jahangiri</u> Name Family | 2017-7-18 | 2018-2-16 |
| 10 | <u>Investigation of perception signs Globally Harmonized System of classification and labeling of chemicals And comparison between groups with different symptoms at the consumer chemicals in Shiraz : Case Study in Shiraz university of medical sciences, since 1395</u> <u>Mehdi Jahangiri</u> Name Family | 2017-7-14 | 2018-3-14 |
| 11 | <u>Prioritizing Strategies of Skin exposure with chemical in a painting company using Fuzzy Analytical Hierarchy Process & Topsis</u> <u>Mehdi Jahangiri</u> <u>Payam Farhadi</u> | 2016-1-22 | 2016-10-23 |
| 12 | <u>Survey of safety standards in classrooms of Shiraz University of Medical Sciences, 2015</u> <u>Mehdi Jahangiri</u> <u>Hadi Daneshmandi</u> | 2015-12-12 | 2016-8-11 |
| 13 | <u>Identification and ranking the problems and obstacles to the use of N95 masks in the hospital staffs of Shiraz University of Medical Sciences using the combination of Delphi and Fuzzy AHP Methods.</u> <u>Mehdi Jahangiri</u> <u>Marzieh Honarbakhsh</u> <u>Payam Farhadi</u> | 2015-10-16 | 2016-3-14 |
| 14 | <u>Investigating and Ranking The Occupational Stressors Factors among Shiraz City Nursing and Pre-Hospital Emergency Personnel Using Fuzzy Analytical Hierarchy Process</u> <u>Mehdi Jahangiri</u> <u>Payam Farhadi</u> <u>Marzieh Honarbakhsh</u> | 2015-10-9 | 2016-7-7 |
| 15 | <u>Patient Safety Culture in one of Hospitals of Shiraz, 1392 Investigation of</u> <u>Mehdi Jahangiri</u> Name Family | 2015-5-22 | 2015-8-23 |
| 16 | <u>Survey of Occupational Health Status in Nano-Scale Industries of FARS Province, 2015</u> <u>Mehdi Jahangiri</u> Name Family | 2015-5-22 | 2015-11-22 |

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| 17 | <u>Survey of occupational health and safety condition in small scale industries and its comparison with that of large scale industries of shiraz city.</u> Mehdi Jahangiri N/A Name Family | 2015-4-3 | 2016-1-4 |
| 18 | <u>Prevalence of accidents and occupational diseases and its effects on health-related quality of life among farmers working in the small farms of Marvdasht city</u> Mehdi Jahangiri Name Family | 2015-4-3 | 2016-4-2 |
| 19 | <u>Effect of biological rhythms and characteristics of insecure behaviors among bus drivers in Shiraz</u> Mehdi Jahangiri N/A Name Family N/A | 2015-4-3 | 2015-11-5 |
| 20 | <u>Fire risk assessment in the selected Hospitals of Shiraz University of Medical Sciences in accordance with NFPA101</u> Mehdi Jahangiri Name Family | 2014-8-8 | 2015-1-7 |
| 21 | <u>Survey the level of needle stick and Sharp injuries and its related safety measure in nurses of a hospital in shiraz</u> Mehdi Jahangiri Name Family N/A | 2014-6-20 | 2015-1-20 |
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| 24 | <u>Risk perception and level of preparedness and knowledge of the staff of shiraz medical university against earthquakes in 2014</u> Mehdi Jahangiri Name Family Marzieh Honarbakhsh | 2014-5-16 | 2015-1-14 |
| 25 | <u>slip risk assessment in Shiraz University of Medical Sciences Hospital</u> Mehdi Jahangiri N/A Name Family | 2014-5-16 | 2014-11-15 |
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