

# Curriculum Vitae



## Contact Information

Date: 31-12-2017

Name: *Fahimeh Teimouri*

Academic Position: *Assisstant Professor of Environmental Health Engineering in Shahid Sadoughi University of Medical Sciences*

Address: *Department of Environmental Health Engineering- School of Public Health, Pardis Campus, Gomnam Blv, Alem Squire, Yazd, Iran*

Telephone: +9835-31492151

Cell Phone: 09132001956

Email: [f.teimori62@gmail.com](mailto:f.teimori62@gmail.com), [f.teimouri@ssu.ac.ir](mailto:f.teimouri@ssu.ac.ir),

## Personal Information

Date of Birth: *1982-06-29*

Place of Birth: *Iran- Isfahan*

Gender: *Female*

Marital Status: *Married*

## Employment History

- ✓ *Assistant Professor in Shahid Sadoughi University of Medical Sciences*
- ✓ *Work in Zist Azmoon Consulting Engineering Company as an Expert in 2015-2016*
- ✓ *Work in Naghsh Jahan Consulting Engineering Company as an Expert in 2011-2015*
- ✓ *Work in Shahrekord University of Medical Sciences as Faculty Member in 2009-2011*
- ✓ *Teaching in Azad Islamic University of Shahrekord in 2008-2009*
- ✓ *Work in Pars Arian Ab water and waste water Consulting Engineering Company (2007) as an Expert*

- ✓ *Work in the Anvar Quarterly Journal- Shahrekord University of Medical Science- Education and Development Center as Executive editor and editor of the Journal in 2009 -2010.*
- ✓ *Teaching in the student research committee on Early student contact Research (ERE) for two semesters*

## **Educational History**

### **PhD in Environmental Health Engineering, January, 2017**

Environmental Health Engineering group, Environmental Research Center, Faculty of Health, Isfahan University of Medical Sciences, Iran.

#### ➤ **Thesis subject:**

*Effect of degrading bacteria bioaugmentation on bioremediation rates of Nitroaromatics from contaminated soils by anaerobic process in pilot scale*

With excellent grade of 20 out of 20.

### **Master of Science in Environmental Health Engineering, February, 2009.**

Environmental Health Engineering group, Faculty of Health, Isfahan University of Medical Sciences, Iran.

#### ➤ **Thesis Subject:**

*Biodegradation performance of sequencing batch biofilm reactor for Polychlorinated biphenyls in transformer oil*

With excellent grade of 19.9 out of 20.

### **Bachelor of Science in Environmental Health Engineering, September, 2006.**

Environmental Health Engineering group, Faculty of Health, Isfahan University of Medical Sciences, Iran.

## **Teaching History**

- ✓ Teaching in Shahid Sadoughi University of Medical Sciences (since 2017)
- ✓ Teaching in Isfahan University of Medical Sciences in BsC degree of Environmental Health Engineering (2014)
- ✓ Teaching in Shahrekord University of Medical Sciences (2009-2012)
- ✓ Teaching in Islamic Azad University of Shahrekord (2008-2009)

## **Presented Papers in International and National Conferences**

- ✓ *"Investigation of changes in benzene, toluene, ethylbenzene and xylene concentrations (BTEX in and out of public transport buses) in the air on a busy route to Isfahan via passive sampling method "*, First international conference sampling and refining of environmental pollutants.
- ✓ *"Investigation of Inhibitory Concentration of oil containing PCBs on Aerobic Biomass"*, 11th National Conference on Health Environment, October 2008, Zahedan University of Medical Sciences.
- ✓ *"Investigation of Inhibitory Concentration of oil containing PCBs on Anaerobic Biomass"*, 11th National Conference on Health Environment, October 2008, Zahedan University of Medical Sciences.
- ✓ *"Feasibility of reuse of hospital sewage treatment plants for irrigation of green space"*, Second National Seminar on Recoverable and Recoverable Waters in Water Resources Management, Oct. 2010.

## **Published Papers in English languages Journals**

- 1- *" Effect of Improved AOP process on TNT byproducts and nitrate concentrations in aqueous solutions"*. Under Review in Water Science and Technology.
- 2-*"Determination of design parameters of urban wastewater treatment plants in the cold regions of Iran"*. International Journal of Environmental Health Engineering. 2011.
- 3-*"Application of enhanced nZnO photocatalytic process with ultrasonic wave in formaldehyde degradation from aqueous solution"*. Desalination and water treatment Journal. 2012.
- 4- *"Biodegradation performance of sequencing batch biofilm reactor for Polychlorinated biphenyls in transformer oil"*. Journal of Biodiversity and Environmental Sciences. 2015.
- 5-*"Degradation of Reactive Red 198 from Aqueous Solutions by Advanced Oxidation Process: O<sub>3</sub>, O<sub>3</sub>/H<sub>2</sub>O<sub>2</sub> and Persulfate"*. International Journal of Environmental Health Engineering. 2016.
- 6- *" Sulfate radical advanced oxidation process to improve the biological treatment of compost leachate by ASBR and SBR"*. Under Review in Water Science and Technology.

7- "*Comparison of simple ozonation and direct hydrogen peroxide processes in TNT removal from aqueous solution*". Water supply: Research and Technology-AQUA. 2016.

8- "*Effect of Monorhamnolipid contribution on Anaerobic-Natural Attenuation of explosives in contaminated soils*". Journal of Environmental Engineering-ASCE. 2017.

9- "*Improvement of biodegradability of explosives using Anaerobic- Intrinsic Bioaugmentation Approach*". Bulgarian Chemical Communications. 2017.

10- "*Effect of rhamnolipid biosurfactants on the degradation of pentaerythritol tetranitrate (PETN)*". Bulgarian Chemical Communications. 2017.

11- "*Enhanced aerobic biodegradation of soil contaminated with explosive (TNT and PETN) by rhamnolipid*". Acta medica mediterranea. 2017.

12- "*Kinetic parameters and Nitrate, nitrite changes in bioremediation of toxic Pentaerythritoltetranitrate (PETN) contaminated soil*". Electronic physician. 2017.

13- "*Enhanced Biodegradation of Pentaerythritol Tetranitrate (PETN) Anaerobic/Aerobic Biological Treatment by Biosurfactant*". Bulgarian Chemical Communications. 2017.

14- "*Degradation of low concentrations of formaldehyde in sonocatalytic ozonation advanced oxidation processes using zero-valent iron*". International Journal of Engineering. 2017.

15- "*Bioremediation of Contaminated Soil with Phenanthrene and Anthracene by Bacteria Using Poultry Manure as Co-Substrate*". Journal of Environmental Health and Sustainable Development (JEHSD). 2017.

#### Published Papers in Persian language Scientific Journals

- "*Investigation of Inhibitory Concentration of oil containing PCBs on Aerobic Biomass*", 2008, Zahedan University of Medical Sciences. Tabib Shargh Scientific Journal.

- "*Investigation of Inhibitory Concentration of oil containing PCBs on Anaerobic Biomass*", 2008, Zahedan University of Medical Sciences. Tabib Shargh Scientific Journal.

*"Biological Treatment of Polychlorinate Biphenyls Using Sequencing Batch Biofilm Reactor"*, Isfahan Water and Wastewater Scientific Journal, 2011.

*"Investigating the inhibitory effect of polychlorinated biphenyls oils (PCBs) on anaerobic biomass by specific methanogenic activity (SMA)"*, Scientific Journal of Research and Health Systems of Isfahan University of Medical Sciences. 2011.

*"Identification of Aerobic Polychlorinated Biphenyl Degrading Bacteria"*, Scientific Journal of Research and Health Systems of Isfahan University of Medical Sciences. 2013.

*"Evaluation of bacterial and fungal contamination in equipments used in ladies and gentleman barbers in Shahrekord"*, Journal of Sharekord University of Medical Sciences. 2011.

*"Health management survey in employed women"*. Anvar Quarterly Journal of the Center for Research and Development of Medical University Shahrekord. 2010.

*"Survey of Corrosion or Scaling Potential of Resources, Storage and Distribution of Wate Supply System in Kian by using Langlier and Rizner Indexes"*. Scientific Journal of Research and Health Systems of Isfahan University of Medical Sciences. 2013.

*"Investigation of ZnO sonophotocatalytic Process Efficiency in Formaldehyde Degradation from Aqueous Solution"*. Scientific Journal of Research and Health Systems of Isfahan University of Medical Sciences. 2016.

*"Comparison of conventional pump and absorbent method and passive sampling of micro solid extraction (SPME) for determine the concentration of benzene, toluene and xylene (XTB in Urban Areas)"*, Journal of Health in the Arts- Shahid Beheshti University of Medical Sciences. 2016.

### **Professional Interests**

- ✓ Environmental Microbiology
- ✓ Environmental Biotechnology
- ✓ Water and wastewater treatment and Microbiology

### **Awards**

- ✓ Receiving a Letter of Appreciation from the President of the Isfahan University of Medical Sciences "Dr. Shirani" as a Student

- ✓ Receiving a Letter of Appreciation from the Vice-Chancellor of Research in Zahedan University of Medical Sciences "Dr. Rakhshani" as topic Title of the lecture section at the 11<sup>th</sup> National Conference on Environmental Health Engineering.

### **Certificates**

- ✓ Certificate of presentation of the article as lecture at the 11th National Conference on Environmental Health in Zahedan. 2009.
- ✓ Certificate of presentation of the article as Poster at the 11th National Conference on Environmental Health in Zahedan. 2009
- ✓ Certificate of presentation of the article as lecture at the 11th National Conference on Environmental Health in Zahedan. 2009
- ✓ Certificate of presentation of the article as lecture at Second National Seminar on Recoverable and Recoverable Waters in Water Resources Management, Oct. 2010.
- ✓ Certificate of presentation of the article as Poster at the 20th National Conference on Environmental Health and 2th International Conference of Environment and Sustainable Development in Yazd. 2017.