

Professional Address

Dr. Mona Parizadeh
 Depts. of Physiology and Pharmacology & Pediatrics
 Cumming School of Medicine, University of Calgary
 Calgary, Alberta, Canada
 Email: mona.parizadeh@ucalgary.ca

Education

- 2016/1 - 2021/11 *PhD, Biological Sciences*
 (Microbial ecology, plant ecology, genomics, bioinformatics)
 Université du Québec à Montréal (UQAM), Montréal, Canada
 Thesis: Evaluating the effects of neonicotinoid treatments on agricultural microbiomes
 Supervisors: Steven W. Kembel (Université du Québec à Montréal; UQAM)
 Benjamin Mimee (Agriculture and Agri-Food Canada; AAFC)
- 2014/9 - 2015/8 *Master's non-Thesis (DESS), Bioinformatics*
 Université du Québec à Montréal (UQAM), Montréal, Canada
- 2007/9 - 2010/7 *M.Sc., Plant Biology*
 (Comparative evaluation of studies done outside Quebec)
 Tehran University, Karaj, Iran
 Ranked 16th in the National Entrance Exam for M.Sc. in Plant Biology
 Thesis: Genetic diversity of Iranian Basil populations (*Ocimum basilicum* L.) based on morphological and RAPD markers
 Supervisors: Mohammad R. Hassandokht, Mansoor Omid
- 1999/9 - 2003/8 *B.Sc., Plant Biology*
 (Comparative evaluation of studies done outside Quebec)
 Gorgan University of Agriculture and Natural Resources, Gorgan, Iran
 Thesis: The effects of pre-storage treatments on postharvest quality of Anemone (*Anemone coronaria*) cut flowers
 Supervisor: Mehdi Sharifani

Academic Work Experience

- 2022/1 - Present *Postdoctoral Fellow*
 Cumming School of Medicine, Depts. of Physiology and Pharmacology, & Pediatrics,
 University of Calgary, Calgary, Canada
- 2016/1 - 2021/11 *PhD Researcher (Research Affiliate Program)*
 Agriculture and Agri-Food Canada, Saint-Jean-sur-Richelieu, Canada
- 2015/7 - 2015/9 *Bioinformatics Intern*
 Université du Québec à Montréal (UQAM), Montréal, Canada

Funding and Awards (>\$290,000 awards)

Postdoctoral Awards & Recognitions

- 2025 **2025 CSM Equity, Diversity, Inclusion & Accessibility Award**
 Nominated (under review)
- 2025 **Alberta Children's Hospital Research Institute (ACHRI) Travel Award \$500**
- 2025 **Alberta Immigrant Impact Award**
 Nominated for the Immigrant Women's Impact
- 2025 **Innovation Postdoctoral Fellowship** \$3,000

	University of Calgary - Faculty of Science	
2025	NASA Open Science Badge	
	National Aeronautics and Space Administration (NASA)	
2025	Canadian Society for Ecology and Evolution (CSEE) Equity Fund	\$275
2025	National Institutes of Health (NIH) Keystone Symposia Early-Career Travel Award	USD 1,200
	Through the National Institute of Diabetes and Digestive and Kidney Diseases, Grant #1R13DK142558-01	
2024 - 2026	Achievers in Medical Science (AIMS) Postdoctoral Fellowship	\$120,000
2024 - 2026	AIMS Research Award	\$10,000
2024 - 2026	Alberta Children's Hospital Research Institute (ACHRI) Postdoctoral Fellowship (<i>declined</i>)	\$60,000
2024 - 2026	One Child Every Child (OCEC) Travel award	\$1,000
2024 - 2025	Digital Research Infrastructure (DRI) Equity, Diversity, Inclusion, and Accessibility (EDIA) Champions Program Award	\$30,500
	Proposal: Bridging Gaps in Research Computing for Canadian Persian-speaking Immigrants	
2024 - 2025	University of Calgary Banting Postdoctoral Fellowship Internal Selection	
	Finalist, selected by the University of Calgary Banting Selection Committee	
2024	University of Calgary Killam Postdoctoral Fellowship Internal Selection	
	Ranked 2nd among 21 selected candidates by the University of Calgary Killam Selection Committee	
2024	CSEE Travel Award Postdoctoral	\$700
2024	Postdoctoral Research Slam	
	Top 12 out of 55 submissions, University of Calgary	
Graduate Research Awards		
2020	Centre SÈVE Scientific Poster Competition	\$200
	Fonds de recherche du Québec - Nature et technologies (FRQNT)	
2019	BIOS2 Collaborative Research and Training Experience (CREATE)	\$6,667
	Natural Sciences and Engineering Research Council of Canada (NSERC)	
2007 - 2010	Financial Support of Research Council Fellowship	\$25,000
	Full Tuition waiver award for the whole period of study	
	University of Tehran, Iran	
Graduate Travel Awards		
2019	BIOS2 Mobility and Communication Grant	\$1,500
	Natural Sciences and Engineering Research Council of Canada(NSERC)	
Undergraduate Funding		
1999 - 2003	Financial Support of Research Council	\$30,000
	Full Tuition waiver award for the whole period of study	
	Gorgan University of Agriculture and Natural Resources, Iran	
Activities		
Teaching Activities		
2025	Lead Instructor & Workshop Co-designer - Microbiome Bioinformatics Analysis	
	Instituto Universitario de Ciencias Biomédicas de Córdoba (IUCBC), Argentina	
2025	Instructor & Workshop Designer - Microbiome Bioinformatics Analysis	
	International Community of Iranian Academics (ICOIA) Online School	
2025	Team Leader & Program Developer - Research Computing Bootcamp	
	ICOIA Online School, funded by the Digital Alliance of Canada	

- 2024 *Instructor & Workshop Designer* - Bioinformatics Gathering
Arrieta Lab - Cumming School of Medicine of the University of Calgary
- 2023 *Lead Instructor & Workshop Co-designer* - Microbiome Bioinformatics Analysis
Oswaldo Cruz Foundation Scientific Institution, Rio de Janeiro, Brazil
- 2020 - 2021 *Teaching Assistant* - Biochemistry and Environmental Microbiology
Université de Montréal, Montréal, Canada
- 2019 *Science Animator* - Science Workshop in French for Children 5-9 years old
Mad Science/Sciences en Folie, Montreal, Canada

Supervisory & Mentorship Activities

- 2025 - present ICOIA E-mentor Office Hour (Monthly mentorship sessions)
- 2024 - present Honors research student (n=1)
- 2023 - present Visiting Professor (n=1)
- 2016 - 2021 Wet lab interns (n=12)

Journal Review Activities (n>10)

- 2025 - 2028 ISME Journal & ISME Communications (Monthly review commitment)
- 2025 Springer Nature (n=2)
- 2024 Nature Communications (n=1, co-reviewed)
Phytobiomes Journal (n=1)
- 2023 Rhizosphere (n=1)
Microbiology Spectrum (n=1)
Environmental Pollution (n=1)
- 2022 PLOS Biology (n=1, co-reviewed)
Cell Press Community (n=1, co-reviewed)
- 2020 Aquatic Microbial Ecology (n=1, co-reviewed)
- 2018 Ecology and Evolution (n=1, co-reviewed)

Leadership

- 2025 *Organizer* - Writing Strategies
Webinar with Prof. Stephen B. Heard, author of The Scientist's Guide to Writing
ICOIA Online School
- 2025 *Organizer* - Microbial Ecology and Evolution across Ecosystems Symposium
CSEE Annual Meeting, Sherbrooke, Canada
- 2025 *Lead instructor* - Microbiome Bioinformatics Analysis Workshop
Instituto Universitario de Ciencias Biomédicas de Córdoba (IUCBC), Argentina
- 2025 *Exhibitor (Arts Society representative)* - Women's Health Exhibition
Sex, Gender, and Women's Health Research Hub at the University of Calgary
- 2025 *Team Leader & Program Developer* - Research Computing Bootcamp
ICOIA Online School, funded by the Digital Alliance of Canada
- 2025 *Co-organiser* - "Innovative Impressions: The Fusion of Art and Science" Gallery Exhibition (ARTS Society)
Showcasing the dynamic interplay between artistic expression and scientific discovery (featuring over 20 art pieces)
Cumming School of Medicine, University of Calgary, Calgary, Canada
- 2024 *Co-organiser* - "Impressions of the Medical Sciences" Conference (ARTS Society)
A one-day conference with 100+ attendees featuring talks, workshops, and networking opportunities led by experts in art, science, medicine, and research
Cumming School of Medicine, University of Calgary, Calgary, Canada
- 2024 *Co-organiser* - "Science Through Art" Gallery Exhibition (ARTS Society)

- Showcasing the fusion of art and science (featuring 20 art pieces)
Cumming School of Medicine, University of Calgary, Calgary, Canada
- 2024 - present *President (elected) & Co-director - International Community of Iranian Academics (ICOIA)*
- 2023 - 2024 *Co-president (elected) - ICOIA*
Leading an international group of Iranian academics and scholars with over 350 professors, university students, and researchers (ICOIA is a non-profit organization based in Canada serving as an independent and international network of Iranian academics and students, providing a platform to promote the interests of Iranian academics around the world and to support and amplify the voices of Scholars at Risk)
- 2023 - present *Founder - ICOIA's Online School*
Offering free online Science courses in Persian to >350 students worldwide
- 2023 *Lead instructor - Microbiome Bioinformatics Analysis Workshop*
Oswaldo Cruz Foundation Scientific Institution, Rio de Janeiro, Brazil
- 2023 *Organiser - Arrieta Lab's bioinformatics gatherings*
UofC, Calgary, Canada
- 2018 - 2020 *Co-organiser - QCBS microbial ecology seminar series*
Montreal, Canada
- 2016 - 2021 *Co-organiser - MonBUG (Montreal Bioinformatics User Group)*
Centre for Interdisciplinary Research on Montréal (CIRM), Montreal, Canada
- Community and Volunteer Activities**
- 2025 - 2028 *Early Career Scientist Reviewer*
ISME Journal & ISME Communications
- 2025.12 - present *Co-chair*
- 2023 - 2025.12 *Communication Coordinator*
ARTS (Artistic Research Translation in the Sciences) Society of UofC
Connecting art and science, offering members a new perspective on their research, sharing their discoveries, and understanding the work of others by organizing monthly events and discussion panels
- 2022 - present *Member of the Governance Board*
ICOIA
- 2014 - 2015 *Committee Member - Bioinformatics Program*
Diplômes d'études supérieures spécialisées (DESS) at Université du Québec à Montréal (UQAM), Montreal, Canada
- EDI and Advocacy Involvements**
- 2025 *Producer & Co-organizer - [Implications of the 2025 Attacks on Iran's Nuclear Infrastructure](#)*
Academic roundtable on the implications of the attacks on Iran's nuclear facilities, and their impact on Iran's nuclear future, global disarmament, international norms, and advocacy for the people of Iran
- 2025 *Team Leader & Program Developer - Research Computing Bootcamp*
Educational program for non-English speaking marginalized students who had faced educational bans and political persecution before coming to Canada
- 2025 *Producer & Co-organizer - [Voices from the Justice-seeking Families](#)*
Panel: justice-seeking families' resilience and the healing power of speaking out
- 2024 *Producer & Co-organizer - [Tehran to Canberra, via Ottawa](#)*
Panel: Canada & Australia's response to Iran's revolution and the IRGC's ongoing terror
- 2023 *Producer & Organizer - [Our Story Is One](#)*

Panel: reveal the harrowing reality that the Iranian Baha'i Community faces under the Islamic Republic's rule

2023 *Co-organizer* - Charity Concert for “Woman, Life, Freedom”

Monash University, Australia

2023 *Producer & Organizer* - [The Battle for Truth: Iranian School Poisoning](#)

Panel: Chemical attacks targeting schools for girls in Iran

2023 *Organizer & Moderator* - [LGBTQAI+ Individuals in Future Iran](#)

Panel: Recognizing the rights of LGBTQAI+ individuals as part of democracy in Iran

Membership in Professional Societies

2019 - present American Society for Microbiology (ASM)

2019 - present Canadian Society for Ecology and Evolution (CSEE)

2016 - present International Society for Microbial Ecology (ISME)

2016 - 2021 Quebec Center for Biodiversity Science (QCBS)

Contributions

Presentations (n=23, as presenting author)

- 1) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2025). Early-Life Gut Microbiome Dynamics in Rural Infants: Microbial Succession and Environmental Impacts (talk). Annual Meeting of the Canadian Society for Ecology & Evolution (CSEE), 6th-9th of July, Sherbrooke, Canada.
- 2) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2025). Microbial Succession and Environmental Influences on the Early-life Gut Microbiome of Rural Infants (poster). 74th Annual Conference of the Canadian Society of Microbiologists (CSM), 17th-20th of June, Montreal, Canada.
- 3) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2025). Early-Life Gut Microbiome Dynamics in Rural Infants in Response to Environmental and Temporal Variations (poster). Keystone Symposia, Human Microbiome: Diversity, Selection and Adaptation, 18th-21st of February, Banff, Canada.
- 4) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2024). Early-Life Gut Microbiome Dynamics in Rural Infants: The Role of Environment, Birth Mode, and Microbial Co-occurrence (talk). 2024 ACHRI & OCEC Research Symposium, 22nd of November, Calgary, Canada.
- 5) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2024). Early-life Dynamics of the Human Gut Microbiome in a Rural Setting (poster). Cold Spring Harbor Laboratory (CSHL), Microbiome, October 29th - November 2nd, Long Island, USA.
- 6) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2024). Gut Microbial Dynamics in Rural Infants (poster). ISME19, International Symposium on Microbial Ecology, 18th-23rd of August, Cape Town, South Africa.
- 7) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2024). The Early-life Ecological Dynamics of a Rural Infant Microbiome (poster). Having IMPACTT4: Advancing Microbiome Research Symposium, 3rd-5th of June, Canmore, Canada.
- 8) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2024). Early-life Gut Microbial Dynamics in a Rural District Setting (talk). Annual Meeting of the Canadian Society for Ecology & Evolution (CSEE), 26th-29th of May, Vancouver, Canada.
- 9) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2023). Early-life Temporal Dynamics of the Human Gut

- Microbial Diversity, Composition and Co-occurrence Networks in a Rural District Setting (poster). Having IMPACTT3: Advancing Microbiome Research Symposium, 10th-12th of July, Canmore, Canada.
- 10) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2023). Temporal Dynamics of the Human Gut Microbial Diversity, Composition and Co-occurrence Networks During Early Life in a Rural District Setting (talk). Shaffer-Davison Research Awards Day 2023, 26th of May, Calgary, Canada.
 - 11) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. (2022). Early-life temporal dynamics of the human gut microbial taxonomic composition and diversity and the fungi-bacteria co-occurrence networks in a rural setting (poster). Keystone Symposia, The Human Microbiome: Ecology and Evolution, 4th-7th of December, Banff, Canada.
 - 12) **Parizadeh, M.**, Kembel, S.W., Mimee, B. (2022). Neonicotinoid seed treatments affect soil nematode taxonomic composition and nematode-bacteria co-occurrence networks (poster). ISME18, International Symposium on Microbial Ecology, 14th-19th of August, Lausanne, Switzerland.
 - 13) **Parizadeh, M.**, Kembel, S.W., Mimee, B. (2020). Neonicotinoid Seed Treatments Have Non-target Impacts on Soil Microbial Communities (e-presentation). Quebec Center for Biodiversity Science (QCBS) Symposium, 14th-16th of December, virtual conference.
 - 14) **Parizadeh, M.**, Kembel, S.W., Mimee, B. (2020). Non-target Effects of Neonicotinoid Seed Treatments on Soil Microbial Communities (ePoster). Centre SEVE 2020, 25th-26th of November, virtual conference.
 - 15) **Parizadeh, M.**, Mimee, B., Kembel, S.W. (2020). Neonicotinoid Seed Treatment Non-target Impacts on Phyllosphere and Soil Bacterial Communities Over Time (ePoster). ISME Virtual Microbial Ecology Summit, 11th - 12th of November, virtual conference.
 - 16) **Parizadeh, M.**, Mimee, B., Kembel, S.W. (2020). Effects of Neonicotinoid Seed Treatment on Phyllosphere and Soil Bacterial Communities Over Time (ePoster). Microbial Ecology & Evolution, MEEvirtual 2020, 12th-14th of August, virtual conference.
 - 17) **Parizadeh, M.**, Mimee, B., Kembel, S.W. (2020). Long-term Effects of Neonicotinoid Seed Treatments on Phyllosphere and Soil Bacterial Communities in a Soybean/ Corn Agroecosystem (ePoster). The American Society for Microbiology, ASM Microbe 2020, 18th of June, virtual platform.
 - 18) **Parizadeh, M.**, Mimee, B., Kembel, S.W. (2019). Monitoring the effects of neonicotinoid pesticides on the phyllosphere and soil bacterial communities in a three-year soybean and corn rotation (talk). 10th annual QCBS Symposium, 18th-20th of December, Montreal, Canada.
 - 19) **Parizadeh, M.**, Mimee, B., Kembel, S.W. (2019). Monitoring the effects of neonicotinoid pesticides on the phyllosphere and soil bacterial communities in a three-year soybean and corn rotation (poster). The Canadian Society for Ecology & Evolution (CSEE), the Entomological Society of Canada, & the Canadian Entomological Society, 18th-21st of August, Fredericton, Canada.
 - 20) **Parizadeh, M.**, Mimee, B., Kembel, S.W. (2019). Complex impacts of neonicotinoid pesticides on the phyllosphere bacterial communities of soybean and corn (poster). The second international conference on holobionts, 8th-10th of May, Montreal, Canada.
 - 21) **Parizadeh, M.**, Mimee, B., Kembel, S.W. (2017). Effects of pesticides on phyllosphere and soybean microbiomes (speed talk). 2017 QCBS Symposium, 11th-13th of December, Montreal, Canada.
 - 22) **Parizadeh, M.**, Hassandokht, M. R., Kashi, A. K., Omid, M. & M. Karimi. (2008). Searching for the proper method of ploidy level determination in Iranian Basil populations (poster). The First Conference of Cytotechnology and its Applications, Mashhad, Iran, p.221-222.
 - 23) **Parizadeh, M.**, Hassandokht, M. R., Kashi, A. K. & M. Omid. (2008). The geographical distribution and collection of Iranian Basil genotypes (poster). The First National Conference of Plant Biology, Talesh, Iran, p.168.

Interviews and Media Relations (n=3)

- 1) Interviewed by the award-winning journalist [Cara Tallo](#), for a project about the role of genetics, geography, and gut microbiota in shaping an individual's body size and overall health (2024; ongoing).

- 2) Interviewed by [Iran International TV](#) for co-organizing the [McCaig ARTS Gallery Launch](#) on International Women's Day (2024), a collaboration between the ARTS Society and McCaig Institute at the University of Calgary, featuring captivating artwork by a diverse array of artists, students, and faculty to explore science through art.
 - 3) Dynamic Soil Genes: Time and Neonicotinoid Seed Treatments Affect Agricultural Microbiomes (2023), an invited [blog post](#) published by the Microbiology Society.
- Publications** (9 publications [6 first author] and 2 in preparation, 135 citations, h-index=4)
- 1) **Parizadeh, M.**, Laforest-Lapointe, I., Valdez-Salazar, A., Morán-Silva, P., Rojas-Velázquez, L., Torres, J., Ximénez-García, C., Arrieta, M.C. Environmental Impacts on Early-Life Gut Microbiome Development in a Rural Setting (*under review*).
 - 2) Rivera-Gutiérrez, X., Sanches, R.B., Serrano-Vázquez, A., Morán, P., Verleyen, J., Isa, P., Rojas-Velázquez, L., Pérez-Juárez, H., González, E., Hernández, E., Laforest-Lapointe, I., **Parizadeh, M.**, López, S., Torres, J., Arrieta, M.C., Arias, C.F., Taboada, B., Ximénez, C. Unveiling Phage-Bacteria Ecology with a Single-Run Illumina Shotgun Sequencing: A Comparative Study of Nucleic Acid Isolation Techniques (*under review*).
 - 3) **Parizadeh, M.** & M.C. Arrieta (2023). The Global Human Gut Microbiome: Genes, Lifestyles, and Diet (review). *Trends Mol. Med.* 29:789–801. <https://doi.org/10.1016/j.molmed.2023.07.002>
Over 100 citations within the first 2 years of publication
Selected as a featured review by the journal's editor
Selected media attention by [Cara Tallo](#) (award-winning journalist)
 IF: 13.6 | SJR: 2.974 | Q1 (Molecular Biology) | 80% contribution, postdoctoral work
 - 4) Partow, N., Moridnejad, M., Irannezhad, E., **Parizadeh, M.**, and R. Dadpour (2023). Systematic Oppression of Tertiary Education in Iran Under the Islamic Republic. *Higher Education Policy*. [doi: 10.1057/s41307-023-00321-4](https://doi.org/10.1057/s41307-023-00321-4)
 Attention Score: 22 (among the top 25% of all research outputs scored by Altmetric)
 IF: 1.76 | SJR: 0.777 | Q1 (Education) | 30% contribution, in collaboration with ICOIA
 - 5) **Parizadeh, M.**, Kembel, S.W. & B. Mimeo (2023). Neonicotinoid Seed Treatments Influence Soil Nematode Taxonomic Composition and the Soil Microbial Co-occurrence Networks. *Phytobiomes J.* <https://doi.org/10.1094/PBIOMES-12-22-0105-R>
Selected as the Editor's pick for this issue
 IF: 5.19 | SJR: 1.044 | Q1 (Agronomy and Crop Science) | 90% contribution, Ph.D. work
 - 6) **Parizadeh, M.**, Mimeo, B. & S.W. Kembel (2023). Soil microbial gene expression in an agricultural ecosystem varies with time and neonicotinoid seed treatments. *J. Microbiol.*, 169. <https://doi.org/10.1099/mic.0.001318>
Selected media attention: [Microbiology Society](#)
 Attention Score: 13 (among the top 25% of all research outputs scored by Altmetric)
 IF: 2.8 | SJR: 0.346 | Q3 (Microbiology) | 90% contribution, Ph.D. work
 - 7) **Parizadeh, M.**, Mimeo, B. & S.W. Kembel (2021). Neonicotinoid seed treatments have significant non-target effects on phyllosphere and soil bacterial communities. *Front. Microbiol.*, 11, 3445. <https://doi.org/10.3389/fmicb.2020.619827>
 Among the top 20% of all Frontiers articles viewed and downloaded worldwide
 IF: 5.2 | SJR: 1.19 | Q1 (Microbiology) | 90% contribution, Ph.D. work
 - 8) **Parizadeh, M.**, Hassandokht, M. R., Kashi, A. K. & M. Omid. (2009). Genetic diversity of Iranian Basil populations (*Ocimum basilicum* L.) based on morphological markers. *Iranian J. of Agr. Sci. of the University of Tehran*, p.299.
 IF: 0.250 | 90% contribution, Master's project
 - 9) Sharifani, M., **Parizadeh, M.** & K. Mashayekhi. (2005). The effects of pre-storage treatments on postharvest quality of Anemone (*Anemone coronaria*) cut flowers. *ISHS Acta Hort.*, p.682.
 IF: 0.284 | 90% contribution, Bachelor's project

In preparation:

- 1) Moridnejad, M., Partow, N., **Parizadeh, M.** Women in Water Leadership: Iran's Peace & Security Catalyst
- 2) **Parizadeh, M.**, Labrie, G., Gagnon, A.E., Kembel, S.W. & B. Mimee. Spatial and temporal changes in phyllosphere and soil microbial communities and their co-occurrence patterns in response to neonicotinoid seed treatments.

Books and Translations

- 1) Prasad Sharma, D., **Parizadeh, M.**, Habibi Lashkari, A. Understanding Cybersecurity Management in Healthcare (2024). *Springer Cham*. 190 pages. ISBN 978-3-031-68033-5.
33% contribution, 5 out of 11 chapters (total 170 pages)
- 2) **Parizadeh, M.** (2005). Landscape design basics (translation). *J. Payam-e-Sabz*, p.47.

Leadership, Science Communication, and Teaching Certifications

- | | |
|------|--|
| 2024 | Video Science Communication
Dr. Jeffrey F. Dunn, Cumming School of Medicine (CSM) of UofC |
| 2023 | From Lab 2 Fulfillment (FL2F) Leadership Training
Dr. Orly Yadid-Pecht, Alberta Innovates |
| 2022 | Leadership Development Training for Postdoctoral Women
American Society for Microbiology (ASM online workshop) |
| 2017 | Introduction to human resources management in the biological sciences sector
Université du Québec à Montréal (UQAM) |
| 2016 | Introduction to University Teaching
Université du Québec à Montréal (UQAM) |