

Sina Safayi, DVM, PhD

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SUMMARY

- An **EMERGING LEADER** with over **two decades of experience** in a range of leadership positions focused on programming and activities supporting the academic, social, career, and professional development of undergrad, grad, and postdoc trainees across the Middle East, North Europe, East Asia, and North America.
- A **VERSATILE SCIENTIST** with advanced degrees in Life Sciences — DVM, PhD, and five years of Postdoctoral training having extensive experience in applied research ranging from molecular and cell biology studies through live animal experiments of various species, resulting in over **140 publications, invited talks, and presentations**.
- An **ENTHUSIASTIC MENTOR** with experience of conducting over 3K hours of one-on-one career advice sessions in addition to over 20 years of teaching and mentoring experience at undergraduate, graduate, and postdoctoral levels across Iran, Denmark, Japan, and multiple states of the United States.
- A **PROJECT MANAGER** capable of working independently, simultaneously handling multiple projects in fast-paced environments, organizing, or facilitating over 400 projects or events in higher education within various settings ranging from student activities to scientific research projects and meetings and conferences at national and international levels.

EDUCATION

PhD in Lactation Physiology 2004-2010
University of Copenhagen, Copenhagen, Denmark ([World Rank in Veterinary Science: #3](#))

Internships: (*as part of PhD education*):

- University of Aarhus, Denmark (2006)
- University of Arizona, USA (2009)

Doctor of Veterinary Medicine (DVM) 1997-2003
Shiraz University, Shiraz, Iran

CERTIFICATES

Unconscious Bias Train-The-Trainer Certification 2020
Cultural Intelligence (CQ) Train-The-Trainer Certification 2020
Cultural Intelligence (CQ) Practitioner Certification 2020
Cultural Intelligence Centre, LLC, MI, USA

Myers Briggs Type Indicator (MBTI) Practitioner Certification 2015
The Myers & Briggs Foundation, FL, USA

Leadership 2014-2015
Emerging Leaders Academy, Iowa State University, IA, USA

European Certificate for "Laboratory Animal Science" (Category C) 2005
University of Copenhagen, Copenhagen, Denmark

EXPERIENCE

Director, Career Development and Industry Outreach and Assistant Professor (since 2020) Since 2019
Graduate College, Rush University, Chicago, IL, USA

- Founded the new Office of Career Development and Industry Outreach, currently supporting over 200 Biomedical MSc and PhD Students: <https://www.rushu.rush.edu/graduate-college/career-development-office>
- Developing and leading all related programming, offerings, and support, including but not limited to one-to-one advice sessions.
- Leading the college's industry outreach with potential partners on collaborations on the areas of mutual interest, including but not limited to workforce development and research projects.
- Directing graduate courses on "career planning," "experiential learning," and "pre-professional school preparation."
- Leading research projects on workforce development with a focus on global mobility and international scholars in the US, resulting in 24 articles and invited talks
- Appointed Member university's "Professional Science MS Program Advisory Board," "LEARN Strategic Pillar Advisory Committee," and "Educational Innovation Team."

Founder CEO Graduate Career Consulting LLC, Chicago, IL, USA (https://www.graduatecareer.consulting/) <ul style="list-style-type: none"> • Providing consultancy services to global organizations on their international employees, scholars, or trainees' career development. • Helping individual clients implement their international expatriation plan. • Supporting organizations to increase their global impact of recruitment, teaching, and research on the world stage. 	Since 2019
Independent Consultant - Life Sciences, USA Scientific Consultation - Life Sciences (since 2010): <ul style="list-style-type: none"> • Providing PhD-level scientific consultancy services to multiple international research groups on multidisciplinary preclinical and biomedical projects involving various animal models) with their study design, histology, motion analysis, and data management Career and Organizational Development - STEM fields (since 2015): <ul style="list-style-type: none"> • Providing consultancy services to grad students, postdoctoral scholars, and junior scientists on their career planning, individual development plans, emotional intelligence, cultural intelligence, and global opportunities • Engaging as invited speaker, panelist, or facilitator on career and professional development in higher education 	Since 2010
Assistant Dean, Professional Development and Career Planning Laney Graduate School, Emory University, Atlanta, GA, USA <ul style="list-style-type: none"> • Assessed the available resources, developed a strategic plan, and proposed priorities to enhance professional development and career planning for about 2000 graduate students across 45 graduate programs: http://gs.emory.edu/professional-development • Led career and professional development activities, including 1-on-1 advice sessions as well as facilitation of multiple events • Represented the graduate school at the Centre for Faculty Development and Excellence, leading support for the faculty in teaching, research, and professional development. 	2018
Assistant Director, Career Development The University of Texas MD Anderson Cancer Centre UTHealth Graduate School of Biomedical Sciences, Houston, TX, USA <ul style="list-style-type: none"> • Led, Defined, developed, and executed strategic goals and plans for the career development of about 450 biomedical graduate students: https://gsbs.uth.edu/career-development • Organized 122 career development events, including one virtual and one on-site career fair • Developed an archive of about 50 hours worth of educational materials on graduate career development • Managed to add a 2-credit graduate course on "Effective Career Planning" to the PhD Curriculum • Developed an institutionally implemented Individual Development Plan (IDP) • Identified and fostered the internal/external resources and collaborators from across academia, industry, and non-profit sectors • Contributed to the higher education community by offering invited talks, presentations, or workshops on various career development topics at national or international events (Total = 21) 	2017-2018
Program Lead, Postdoctoral Career Development Okinawa Institute of Science and Technology, Onna-San, Okinawa, Japan <ul style="list-style-type: none"> • Founding director of the first "Postdoctoral Career Development Program" in Asia: https://groups.oist.jp/pcda • Defined and executed strategic goals/plans for postdoctoral career and professional development of about 300 STEM Postdoctoral Scholars and PhD Scientists (Total of offered events = 50) • Developed a web-based institutionally implemented Individual Development Plan (IDP) • Built strategic partnerships with potential collaborators from across Japan and the globe (Australia, UK, Denmark, and the USA) • Conducted eight invited talks or presentation at the local or international events 	2015-2016
Postdoctoral Research Associate in Neuroscience – Kinematics Iowa State University, Ames, IA, USA (World Rank in Veterinary Science: #12) <ul style="list-style-type: none"> • Co-PI or Co-I on multidisciplinary preclinical and biomedical research projects involving various species (e.g., sheep, pigs, and dogs) of a total fund worth ~\$1M • Managed a motion analysis lab and supervised a total of over 30 DVM, undergrad, and grad research assistants • Contributed to 28 publications, invited talks, and presentations as either 1st- or co-author 	2012-2015
Faculty Instructor (2012) and Postdoctoral Research Associate in Mammary Gland Biology Clemson University, Clemson, SC, USA (World Rank in Agricultural Sciences: #201-300) <ul style="list-style-type: none"> • Directed and taught "Animal Histology" [400 undergrad and 600 graduate level] courses, lecture and lab sessions • Conducted a research project devoted to myoepithelial ontogeny in prepubertal heifers resulting in a total of seven publications, presentations, and invited talks • Presided over a total of 10 undergrad and grad students on their research projects 	2010-2012
Postdoctoral Research Associate in Digestive System Physiology (<i>temporary contract</i>) University of Copenhagen, Copenhagen, Denmark (World Rank in Veterinary Science: #3) <ul style="list-style-type: none"> • Managed an <i>in-vitro</i> fermentation lab and presided over four undergrad and grad student research assistants • Investigated the emission of methane from dairy cattle and presented the preliminary data at international conferences • Developed new methods for data collection and handling in rumen physiology 	2010

Teaching Assistant / Research Assistant / PhD Student in Lactation Physiology University of Copenhagen, Copenhagen, Denmark (World Rank in Veterinary Science: #3)	2004-2010
<ul style="list-style-type: none"> • Taught undergrad and grad courses as either TA or Instructor • Co-supervised two grad students on their MSc research projects • Managed a research project on mammary remodelling and metabolic activity in dairy goats resulting in 15 peer-reviewed publications and presentations • Secured multiple awards supporting the research costs, salary, tuition fee, and sabbaticals/internships 	
Faculty Instructor (<i>Part-time</i>) The Academic Centre for Education, Culture and Research (ACECR), Shiraz, Fars, Iran	2001-2004
<ul style="list-style-type: none"> • Directed and taught three undergraduate courses at multiple classes of up to 100 students on topics such as "Parasitology," "Addiction and Narcotics," and "Medical Ethics." • Was awarded the "Best Instructor of the Year" based on students' evaluation (2003) 	
Managing Director The Academic Centre for Education, Culture and Research (ACECR), Fars Province Branch, Iran	1998-2004
<p>Had junior to senior level manager/director positions, including but not limited to:</p> <ul style="list-style-type: none"> • Director of Extracurricular Activities Office (2004) • Head of College of Sciences Office (2004) • Deputy Director of Shiraz University Offices (2002-2004) • Inspector of Shiraz University Offices (2003) • Head of College of Agriculture Office (2003) • Head of College of Veterinary Medicine Office (2000-2003) • Manager of Cultural Affairs, College of Veterinary Medicine Office (1998-2000) 	
Summary of duties: <ul style="list-style-type: none"> • Developed and executed new programs including but not limited to professional and career development of undergrad and grad students • Managed, planned, and oversaw the annual budget for each office held • Presided over up to a total of 40 students and staff at times 	
DVM Student Research Assistant Shiraz University, Shiraz, Iran (World Rank in Veterinary Science: #201-300)	1998-2003
<ul style="list-style-type: none"> • Conducted two research projects on "Histology of Heart Chordae Tendinae in Ruminants" and "Pain Sensitivity in Oestrous Cycle in Rats," and presented the findings at international conferences • Wrote and presented 25 other conference papers, review articles and case reports at local or national newspapers, journals, or conferences 	

TEACHING, ADVISING AND MENTORING EXPERIENCE

Mentor, MATTER Mentorship Program, Chicago, IL, USA	Since 2020
<ul style="list-style-type: none"> • Mentoring entrepreneurs on workforce development, team building, and potential research collaboration opportunities across Chicago. 	
Career Advisor/Lecturer, Rush University, USA	Since 2019
<ul style="list-style-type: none"> • Directing graduate courses on "Career Planning," "Experiential Learning," and "Pre-Professional Development." • Directing an advisory scheme including one-on-one sessions for about 200 biomedical graduate students • Teaching a diverse range of topics relevant to career planning and professional development in the forms of lectures, or workshops 	
Career Coach (<i>volunteer</i>), Upwardly Global (<i>non-profit</i>), USA	Since 2019
<ul style="list-style-type: none"> • Supporting MD or PhD level US immigrants, refugees, and asylum seekers with their career planning 	
Career Advisor (<i>remote; volunteer</i>), LinkedIn.com, LinkedIn Corporation	Since 2017
<ul style="list-style-type: none"> • Supporting PhD level STEM Scientists with their career planning 	
Career Advisor, Emory University, USA	2018
<ul style="list-style-type: none"> • Directed an advisory scheme for about 2000 graduate students from across 45 discipline • Offered lectures on topics relevant to career planning and professional development class size of up to 60 trainees 	
Career Advisor/Lecturer, The University of Texas MD Anderson Cancer Centre UTHHealth Graduate School of Biomedical Sciences, USA	2017-2018
<ul style="list-style-type: none"> • Directed an advisory scheme for over 400 biomedical graduate students, including the execution of Individual Development Plans • Taught multiple lectures, including seminars and workshops on a diverse range of topics relevant to career planning and professional development class size of up to 100 trainees 	

Career Advisor/Lecturer, Okinawa Institute of Science and Technology, Okinawa, Japan	2015-2016
<ul style="list-style-type: none"> Directed an advisory scheme for over 300 Postdoctoral Scholars, Staff Scientists, and PhD Researchers Provided multiple lectures on topics relevant to career planning and professional development class size of up to 50 trainees 	
Advisor, Iowa State University, USA	2012-2016
<ul style="list-style-type: none"> Mentored over 30 undergraduate, graduate, and veterinary students on their research projects 	
Advisor (<i>remote</i>), University of Copenhagen, Denmark	2010-2016
<ul style="list-style-type: none"> Mentored five PhD students and postdocs on their research projects 	
Faculty Instructor, Clemson University, USA	2012
<ul style="list-style-type: none"> Directed and [solely] taught [6-credit] "<i>Animal Histology</i>" courses to both undergraduate (BioSci 432/433) and graduate (BioSci 632/633) students, both lecture and lab sessions. class size of up to 15 students 	
Advisor, Clemson University, USA	2010-2012
<ul style="list-style-type: none"> Mentored undergrad and grad students on their research projects. 	
Co-supervisor, University of Copenhagen, Denmark	2007-2008
<ul style="list-style-type: none"> Co-supervised two successfully conducted MSc thesis research projects: <ul style="list-style-type: none"> ➤ "<i>Histological study on the effect of omitting the dry period on mammary gland development during gestation and lactation in dairy goats.</i>" ➤ "<i>Effect of the dry period and parity on changes in mammary cell turnover during gestation and lactation in dairy goats.</i>" 	
Teaching Assistant and Faculty Instructor, University of Copenhagen, Denmark	2005-2008
<ul style="list-style-type: none"> Directed or/and taught [5-credit] "<i>Veterinary Physiology</i>" (DVM course); and, [6-credit] "<i>Experimental Animal Nutrition and Physiology</i>" (M.S./PhD course) class size of up to 50 students 	
Faculty Instructor, Academic Centre for Education, Culture and Research, Shiraz-Branch, Iran	2001-2004
<ul style="list-style-type: none"> Directed and [solely] taught undergraduate courses such as [2-credit] "<i>Parasitology</i>", [1-credit] "<i>Addiction and Narcotics</i>" and [1-credit] "<i>Medical Ethics</i>" class size of up to 100 students Awarded the "Best Instructor of the Year" based on students' evaluation (2003) 	

GRANTS, HONOURS, AND AWARDS

Grant for a research project: Impacts of insect larvae (mealworm; <i>Tenebrio Molitor</i>) based diets on whole-body energy metabolism in mice: a focus on the gut microbiome, and hepatic, muscle and adipose tissue metabolism" (status: submitted)	2021-2024
PI: Dr. Prabhat Khanal, Nord University, Norway; Fund source: Norwegian Research Council	
<ul style="list-style-type: none"> Role: Co-I Budget to cover part of operational expenses to conduct the project at Rush University. 	
\$592,796 for the research project: Pharmacology of BMN 250 administered via intracerebroventricular infusion once every 2 weeks for twenty-six weeks or longer in a canine model of mucopolysaccharidosis type III"	2014-2016
PI: Dr. M. Ellinwood; Fund source: BioMarin Pharmaceutical Inc., USA	
<ul style="list-style-type: none"> Role: Co-PI Budget to cover part of personnel salary and entire costs of all kinematics studies to be conducted at Iowa State University. 	
\$312,618 for the continuation of the research project Gait analysis in the development of a spinal cord stimulator (SCS) for treatment of chronic back pain: I-patch."	2013-2016
PI: Dr. N. Jeffery; Fund source: University of Iowa, USA	
<ul style="list-style-type: none"> Role: Co-I Budget to cover part of personnel salary and the entire cost of all kinematics studies to be conducted at Iowa State University. 	
"Emerging Leaders Academy" Scholarship; Iowa State University, USA	2013-2014
<ul style="list-style-type: none"> Selected for the 2013-14 inaugural cohort of the Graduate College Emerging Leaders Academy Scholarship to cover the tuition fee for attending the emerging leaders' academy's one-year program, Iowa State University, USA. 	
Travel Award; National Postdoctoral Association (NPA), USA	2014
<ul style="list-style-type: none"> Travel Grant awarded for attending the NPA's annual meeting in St. Louis, USA. 	
24,000 DKK (≈ \$4,200) Travel Award; The Royal Danish Academy of Science, Denmark	2009
<ul style="list-style-type: none"> Internship travel grant awarded for visiting the University of Arizona, USA. 	

16,000 DKK (≈ \$2,800) Travel Award; Veterinarian Hans Peter Christensen's memorial Scholarship, Denmark	2009
<ul style="list-style-type: none"> • Internship travel grant awarded for visiting the University of Arizona, USA. 	
Full PhD Education Scholarship, University of Copenhagen, Denmark	2005-2009
<ul style="list-style-type: none"> • Role: PhD student Scholarship to cover the tuition fee and salary for PhD education. 	
2,360,000.00 DKK (≈ \$410,000) for the research project "Continuous lactation and dry period feeding: Impact on post-partum mammary redevelopment and milk production potential in ruminants."	2005-2009
PI: Dr. M. O. Nielsen; Fund source: Danish Research Council, Denmark	
<ul style="list-style-type: none"> • Role: PhD student and instrumental in preparing the proposal and project management • Budget to cover all project costs to be conducted at the University of Copenhagen in Denmark. 	
300,000.00 DKK. (≈ \$52,000) for the research project "Starch for dairy cattle.";	2006
PI: Dr. M. O. Nielsen; Fund source: Danish Cattle, Denmark	
<ul style="list-style-type: none"> • Role: Instrumental to both proposal development and project management • Budget to cover the project costs to be conducted at Aarhus University and University of Copenhagen 	
"Best Instructor of the Year" Award; Academic Centre for Education, Culture and Research, Shiraz-Branch, Iran	2003
<ul style="list-style-type: none"> • Awarded based on students' evaluations. 	
The Best Cultural Student Award; Fars Province, Iran	2000
<ul style="list-style-type: none"> • Awarded based on community service and extra-curricular activities, selected as one of the top five students among all universities and educational institutes in the entire Fars province. 	
Multiple Travel Awards; Shiraz University, Iran	2001-2003
<ul style="list-style-type: none"> • To cover travel costs attending over ten national conferences or symposiums to present the result of research or review studies as poster or oral presentations across the country. 	
Full academic scholarship for DVM education; Shiraz University, Iran	1997-2003
<ul style="list-style-type: none"> • Full coverage of the tuition fee for studying Veterinary Medicine, including 13 semesters in addition to two summer internships and one clinical internship. 	

PEER-REVIEWED PUBLICATIONS (Total: 31 | [Google Scholar](#) h-index = 11)

- 1) **Safayi, S.**, Bean, AJ, and et al. **2020**. Master of Science Curricula Across the Globe: Incorporation of Career and Professional Development. (Under preparation)
- 2) **Safayi, S.**, Bean, AJ, and et al. **2020**. PhD Curricula Across the Globe: Incorporation of Career Planning. (Under preparation)
- 3) Hilditch-Maguire, P., **Safayi, S.**, Bean, AJ, and et al. **2020**. PhD Curricula Across the Globe: Incorporation of Transferable Skills. (Under preparation)
- 4) Haseltine, D., **Safayi, S.**, Bean, A.J., and et al **2020**. PhD Curricula Across the Globe: Incorporation of Experiential Learning. (Under preparation)
- 5) **Safayi, S.**, Clifford, Ph., Delaney, B., Cable, C., Bean, AJ **2020**. Culture Shock: A Major Challenge Faced by International Graduate or Postdoctoral Trainee in the United States (To be submitted)
- 6) **Safayi, S.**, Clifford, Ph., Delaney, B., Cable, C., Bean, AJ **2020**. Meeting the Challenge of Being an International Graduate or Postdoctoral Trainee in the United States (To be submitted to PLOS ONE)
- 7) Pannell, K., Wilson, M.A., **Safayi, S.**, Bean, AJ **2020**. Understanding the association of narcissism with Individual Development Plan components improves career development assessment in biomedical science doctoral students. (Under revision at *CBE – Life Sciences Education*: CBE-19-11-0241)
- 8) Khanal, P., Pandey, D., Diken Axel, A.M., **Safayi, S.**, Elbrønd, V.S., and Nielsen, M.O. **2020**. Prenatal over- and undernutrition differentially program small intestinal functional development, absorptive capacity, angiogenesis, and endocrine signalling with the duodenum and ileum as major target segments. *Physiological Reports* 8(12). (Published online ahead of print; <https://doi.org/10.14814/phy2.14498>)
- 9) Khanal, P., Pandey, D., Pedersen, K.L., Binti Ahmed, Sh., **Safayi, S.**, Kadarmideen, H.N., and Nielsen, M.O. **2020**. Differential impacts of late gestational over- and undernutrition on adipose tissue traits and associated visceral obesity risk upon exposure to a postnatal high-fat diet in adolescent sheep. *Physiological Reports* 8(3), p.e14359. (Published online ahead of print; <https://doi.org/10.14814/phy2.14359>)
- 10) Wilson, S., Fredericks, D.C., **Safayi, S.**, DeVries-Watson, N.A., Miller, J.W., Hollanda, M.T., Nageld, S. J., Gillies, G.T., Howard III, M.A. **2019**. Ovine Hemisection Model of Spinal Cord Injury. (Published online ahead of print at Journal of Investigative Surgery: UIVS-2019-0219)

- 11) Reddy, C.G., Miller, J.W., Abode-Iyamah, K.O., **Safayi, S.**, Wilson, S., Dalm, B.D., Fredericks, D.C., Jeffery, N.D., Gillies, G.T., Howard III, M.A., Brennan, T.J. **2018**. Ovine Model of Neuropathic Pain for Assessing Mechanisms of Spinal Cord Stimulation Therapy via Dorsal Horn Recordings, von Frey Filaments, and Gait Analysis. *Journal of Pain Research*. 2018 (11), 1147-1162.
- 12) Jeffery, N., Bate, S., **Safayi, S.**, Howard III, M.A., Moon, L., Jeffery, U. **2018**. When neuroscience met clinical pathology: the use of hospital laboratory approaches to aid interpretation of biological variation in neuroscience. *European Journal of Neuroscience*. 47 (5), 371-379.
- 13) Wilson, S., Abode-Iyamah, K.O., Miller, J.W., Reddy, C.G., **Safayi, S.**, Fredericks, D.C., Jeffery, N.D., Shivapour, S.K., Viljoen, S., Dalm, B.D., Gibson-Corley, K.N., Johnson, M.D., Gillies, G.T., Howard III, MA **2017**. An Ovine Model of Spinal Cord Injury. *The Journal of Spinal Cord Medicine*, 40:3, 346-360.
- 14) **Safayi, S.**, Miller, J.W., Wilson, S., Shivapour, S.K., Oelfke, T.F., Ford, A.L., Klarmann Staudt, A., Abode-Iyamah, K., Reddy, C.G., Jeffery, N.D., Fredericks, D.C., Gillies, G.T., and Howard III, MA **2016**. Treadmill Measures of Ambulation Rates in Ovine Models of Spinal Cord Injury and Neuropathic Pain. *J Med Eng Technol*. 40.3 (2016): 72-79.
- 15) **Safayi, S.**, Jeffery, N. D., Shivapour, S.K., Zamanighomi, M., Zylstra, T.J., Bratsch-Prince, J., Wilson, S., Reddy, C. G., Fredericks, D. C., Gillies, G. T., and Howard III, M. A. **2015**. Kinematic analysis of the gait of adult sheep during treadmill locomotion: parameter values, allowable total error, and potential for use in evaluating spinal cord injury. *Journal of the Neurological Sciences* 358.1 (2015): 107-112.
- 16) Curry, E., **Safayi, S.**, Meyerson, R., Roth, T.L. **2015**. Reproductive trends of captive polar bears in North American zoos: a historical analysis. *Journal of Zoo and Aquarium Research* 3 (3): 99-106.
- 17) Dalm, B. D., Viljoen, S. V., Dahdaleh, N. S., Reddy, C. G., Brennan, T. J., Oya, H., Wilson, S., **Safayi, S.**, Jeffery, N. D., Gillies, G. T., and Howard III, M. A. **2014**. Revisiting intradural spinal cord stimulation: an introduction to a novel intradural spinal cord stimulation device. *Innovative Neurosurgery* 2.1-4: 13-20.
- 18) **Safayi, S.**, Jeffery, N. D., Fredericks, D. C., Viljoen, S., Dalm, B. D., Reddy, C.G., Wilson, S., Gillies, G. T., and Howard III, M. A. **2014**. Biomechanical performance of an ovine model of intradural spinal cord stimulation. *J Med Eng Technol*. 38(5): 269–273.
- 19) Tracey, A.K., Alcott, C.J., Schleining, J.A., **Safayi, S.**, Zaback; P.C., Hostetter, J.M., Reinertson, E.L. **2014**. The Effects of Topical Oxygen Therapy on equine distal limb dermal wound healing. *Can Vet J*. 55(12):1146-52.
- 20) Nazemi, S, Aalbæk, B, Kjelgaard-Hansen, M, **Safayi, S.** Klærke, DA and Knight, Ch **2014**. Expression of acute phase proteins and inflammatory cytokines in mouse mammary gland following *Staphylococcus aureus* challenge and in response to milk accumulation. *J Dairy Res*. 81: 445–454.
- 21) Oya, H., **Safayi, S.**, Jeffery, N.D. Viljoen, S., Reddy, C.G., Dalm, B.D., Kanwal, J.K., Gillies, G.T. and Howard III, M.A. **2013**. Soft-coupling suspension system for an intradural spinal cord stimulator: Biophysical performance characteristics. *Journal of Applied Physics*. 114 (16), 164701.
- 22) **Safayi, S.**, and Nielsen, M. O. **2013**. Intravenous supplementation of acetate, glucose or essential amino acids to an energy and protein deficient diet in early and late lactating dairy goats: effects on milk production and mammary nutrient extraction. *Small Ruminant Research*. 112: 162-173.
- 23) **Safayi, S.**, N. Korn, A. Bertram, R. M. Akers, A. V. Capuco, S. L. Pratt, and S. Ellis. **2012**. Myoepithelial cell differentiation markers in prepubertal bovine mammary gland: Effect of ovariectomy. *J. Dairy Sci*. 95(6):2965-2976.
- 24) Ellis, S., R. M. Akers, A. V. Capuco, and **S. Safayi**. **2012**. TRIENNIAL LACTATION SYMPOSIUM: Bovine mammary epithelial cell lineages and parenchymal development. *Journal of Animal Science*. 90(5):1666-1673.
- 25) **Safayi, S.**, P. K. Theil, V. S. Elbrønd, L. Hou, M. Engbaek, J. V. Norgaard, K. Sejrsen, and M. O. Nielsen. **2010**. Mammary Remodelling in Primiparous and Multiparous Dairy Goats During Lactation. *J. Dairy Sci*. 93(4):1478-1490.
- 26) **Safayi, S.**, P. K. Theil, L. Hou, M. Engbaek, J. V. Norgaard, K. Sejrsen, and M. O. Nielsen. **2010**. Continuous Lactation Effects on Mammary Remodeling During Late Gestation and Lactation in Dairy Goats. *J. Dairy Sci*. 93(1):203-217.
- 27) **Safayi S.**, **2009**. Mammary Remodelling and Metabolic Activity in Dairy Goats: Role of Parity, Dry Period and Nutrient Supply. Frederiksberg, Denmark: Samfundslitteratur, 175 p (ISBN 978-87-7611-332-2). (Book; PhD Thesis)
- 28) **Safayi, S.**, and M. O. Nielsen. **2009**. Continuous lactation effects on mammary extraction rates of nutrients in dairy goats. *Ruminant Physiology: Digestion, Metabolism, and Effects of Nutrition on Reproduction and Welfare*. Wageningen Academic Publishers, The Netherlands. 652-653. (Conference paper)
- 29) Nørgaard J.V., Nielsen M.O., Theil P.K., Sørensen M.T., **Safayi S.**, Sejrsen K. **2008**. Development of mammary gland of fat sheep submitted to restricted feeding during late pregnancy. *Small Ruminant Research*. 76:155-165.
- 30) **Safayi S.**, **2003**. Histological Study of Chordae Tendineae of the Tricuspid and Bicuspid Valves in Goat and Cattle. Shiraz University, 46 p. (Book; DVM Thesis – in Farsi)
- 31) **Safayi S.**, and Mostafavi E. **2000**. A Statistical Study on Social Aspects of Veterinary Medicine. Proceeding of the 11th Iran Veterinary Congress. 26-27. (Conference paper - in Farsi)

OTHER PUBLICATIONS AND PRESENTATIONS (Total = 116)

- 1) **Safayi, S.**, Success Strategies for International Graduate Students and Postdocs in the US, Harvard Medical School, April **2021** (Invited Talk)
- 2) **Safayi, S.**, Global Mobility for US-Trained Researchers: Challenges, and Resources, Harvard Medical School, April **2021** (Invited Talk)
- 3) **Safayi, S.**, Success Strategies for International Graduate Students and Postdocs in the US, University of Chicago, April **2021** (Invited Talk)
- 4) **Safayi, S.**, Navigating Career Challenges as an International Trainee, University of Georgia, March **2021** (Invited Talk)
- 5) **Safayi, S.**, Networking for Postdoctoral Fellows, Interdisciplinary Translational Education and Research Training Program, University of Texas MD Anderson Cancer Centre, March **2021** (Invited Talk)
- 6) **Safayi, S.**, Success Strategies for International Graduate Students and Postdocs in the US, Washington University in St Louis, February **2021** (Invited Talk)
- 7) SioLopez, B, **Safayi, S.**, C., Karacan, D.B., Researcher Mobility in Context: Perspectives on the COVID-19 Pandemic, Sixth Annual Meeting of the European Scientific Diasporas in North America, European Commission-EURAXESS North America, December **2020** (Invited Talk/Panellist)
- 8) **Safayi, S.**, Crafting an effective CV, Building Up Program (NRMN - Rush University Chapter), December **2020** (Invited talk)
- 9) **Safayi, S.**, Success Strategies for International Graduate Students and Postdocs in the US, International Educators of Illinois (IEI), November **2020**, Chicago, IL (Invited talk)
- 10) **Safayi, S.**, Success Strategies for International Graduate Students and Postdocs in the US, University of Michigan Graduate School, September **2020**, Ann Arbor, MI (Invited talk)
- 11) **Safayi, S.**, Global Mobility for US-Trained Researchers: Challenges, and Resources, University of Virginia, August **2020** (Invited Talk)
- 12) **Safayi, S.**, Working Effectively in an Intercultural Environment. University of California – Irvine, August **2020** (Invited Talk; Panel Discussion)
- 13) Graduate Career Consortium Condemns Anti-Immigrant Rhetoric and Policies, July **2020**, USA (Featured)
- 14) **Safayi, S.**, Negotiating a Job Offer in the US (tailored for international trainees), University of Michigan Graduate School, March **2020**, Ann Arbor, MI (Invited workshop)
- 15) **Safayi, S.**, Addressing the Challenges of International Scholars in the US, University of Michigan School of Medicine, March **2020**, Ann Arbor, MI (Invited talk)
- 16) **Safayi, S.**, Addressing the Challenges of International Graduate Students and Postdocs in the US, Van Andel Research Institute, March **2020**, Grand Rapids, MI (Invited workshop)
- 17) **Safayi, S.**, Careers, Funding, and Mobility in a Global Research Landscape, Van Andel Research Institute, March **2020**, Grand Rapids, MI (Invited Talk)
- 18) **Safayi, S.**, Addressing the Challenges of International Scholars in the US, UT Health San Antonio Graduate School, February **2020**, San Antonio, TX (Invited workshop)
- 19) **Safayi, S.**, Addressing the Career Challenges of International Graduate Students and Postdocs in the US, University of Illinois at Chicago, November **2019**, Chicago, IL (Invited Talk)
- 20) **Safayi, S.**, and et al. Addressing the Challenges of International Graduate Students and Postdocs in the US, Emory University, November **2019**, Atlanta, GA (Invited workshop)
- 21) **Safayi, S.**, and et al. Careers, Funding, and Mobility in a Global Research Landscape, Emory University, November **2019**, Atlanta, GA (Invited Talk)
- 22) **Safayi, S.**, Addressing the Challenges of International Graduate Students and Postdocs in the US, Indiana University School of Medicine, November **2019**, Indianapolis, IN (Invited workshop)
- 23) **Safayi, S.**, and et al. Careers, Funding, and Mobility in a Global Research Landscape, Indiana University School of Medicine, November **2019**, Indianapolis, IN (Invited Talk)
- 24) **Safayi, S.**, and et al. Addressing the Challenges of International Graduate Students and Postdocs in Biomedical Sciences, Annual Meeting for Group on Graduate Research, Education, and Training (GREAT), Association of American Medical Colleges, September **2019**, Seattle, WA. (Poster Presentation)
- 25) **Safayi, S.**, and et al. Careers, Funding, and Mobility in a Global Research Landscape, Graduate Career Consortium's Annual Meeting, June **2019**, New Orleans, LA (Oral Presentation)
- 26) **Safayi, S.**, and et al. Addressing the Career Challenges International Graduate Students and Postdocs Face in the US, Graduate Career Consortium's Annual Meeting, June **2019**, New Orleans, LA (Oral Presentation)
- 27) Konnick, B., **Safayi, S.**, and et al. Innovative Programming for International Graduate Students and Postdocs Support, Graduate Career Consortium's Annual Meeting, June **2019**, New Orleans, LA (Oral Presentation)
- 28) Payne, D. The professional advisers who can help you to move from academia to industry, March **2019**. Nature. (Career Feature, Interview)
- 29) **Safayi, S.**, and et al. Navigating the Grant Jungle, Nature Career Expo Texas 2018, October **2018**. Houston, TX (Invited talk – panel)

- 30) **Safayi, S.**, How to craft an effective CV/resumé. The Interdisciplinary Translational Education and Research Training Program, UT MD Anderson Cancer Center, May **2018**, Houston, TX, USA (Invited Talk- Workshop)
- 31) **Safayi, S.**, Bean, A., Postdoctoral fellowships in the US: top tips for international trainees. April **2018**. NatureJobs Blog. (Blog Article)
- 32) **Safayi, S.**, Building Communication Skills for Leadership. NIH TL1 Training Program at MD Anderson UTHealth Graduate School. April **2018**, Houston, Texas, USA (Invited Talk - Workshop)
- 33) **Safayi, S.**, Career Development for Graduate School of Biomedical Sciences. GSBS Advisory Council. April **2018**, Houston, Texas, USA (Invited Talk)
- 34) **Safayi, S.**, and et al. Global Opportunities for Scientists Trained in North America. National Postdoctoral Association's Annual Meeting. March **2018**, Cleveland, OH, USA. (Workshop)
- 35) **Safayi, S.**, and et al. Meeting the Challenge of Being An International Scholar in the US National Postdoctoral Association's Annual Meeting. March **2018**, Cleveland, OH, USA. (Workshop)
- 36) **Safayi, S.**, LinkedIn: basics and how to use it effectively! University of Illinois at Chicago. March **2018**, Chicago, IL, USA (Invited Talk)
- 37) N. M. Ellinwood, B. Valentine, A. S. Hess, J. K. Jens, E. M. Snella, W. A. Ware, Sh. J. Hostettera, G. Ben-Shlomo, N. D. Jeffery, **S. Safayi**, and et al. Pharmacology of BMN 250 administered via intracerebroventricular infusion once every 2 weeks for twenty-six weeks or longer in a canine model of mucopolysaccharidosis type III. The 15th MPS International Symposium, Aug **2018**, San Diego, California, USA. (Poster Presentation)
- 38) **Safayi, S.**, Career Planning: Individual Development Plan (IDP). Faculty Mentoring Training Program, MD Anderson UTHealth Graduate School. Feb **2018**, Houston, Texas, USA (Invited Talk)
- 39) N. M. Ellinwood, B. Valentine, A. S. Hess, J. K. Jens, E. M. Snella, W. A. Ware, Sh. J. Hostettera, G. Ben-Shlomo, N. D. Jeffery, **S. Safayi**, and et al. Pharmacology of BMN 250 administered via intracerebroventricular infusion once every 2 weeks for twenty-six weeks or longer in a canine model of mucopolysaccharidosis type IIIB. 14th Annual WORLDSymposium, Feb **2018**, San Diego, California, USA. (Poster presentation)
- 40) **Safayi, S.**, A Taste of Career Development – Your Strengths. NIH TL1 Training Program at MD Anderson UTHealth Graduate School. Aug **2018**, Houston, Texas, USA (Invited Talk - Workshop)
- 41) **Safayi, S.**, LinkedIn - basics and how to use it effectively for networking and job hunting! University of Texas Southwestern Medical Center. Aug **2018**, Dallas, Texas, USA (Invited Talk)
- 42) **Safayi, S.**, Crafting an effective CV -A few points to consider. University of Texas Southwestern Medical Center. Aug **2018**, Dallas, TX, USA (Invited Talk)
- 43) Fabsik-Swartz, J., Growing a Career in Postdoc and Student Support. National Postdoctoral Association The POSTDOCKeT, January **2018**, USA (Interview)
- 44) **Safayi, S.**, Career Conversations: How to Navigate. Summer Undergraduate Research Program, July **2017**, UT MD Anderson Cancer Center, Houston, TX, USA (Invited Talk)
- 45) **Safayi, S.**, Building Communication Skills for Laboratory Leadership. Summer Undergraduate Research Program, July **2017**, UT MD Anderson Cancer Center Science Park, Smithville, USA (Oral Presentation - Workshop)
- 46) **Safayi, S.**, Define and Leverage Your Strengths. Summer Undergraduate Research Program, July **2017**, UT MD Anderson Cancer Center Science Park, Smithville, USA (Oral Presentation - Workshop)
- 47) Evans, T.M., Lundsteen, N. and Vanderford, N.L. Research: A Career Guide for Scientists. Elsevier. **2017**. (ISBN: 978-0128042977) (Contribution to "The International Perspective" Chapter; pp 241-243)
- 48) **Safayi, S.**, A Career Journey: From Research to Administration in Academia. The Interdisciplinary Translational Education and Research Training Program, UT MD Anderson Cancer Center, May **2017**, Houston, TX, USA (Invited Talk)
- 49) **Safayi, S.**, How to craft an effective résumé. First Generation Student Group. University of Texas MD Anderson Cancer Center UTHealth Graduate School of Biomedical Sciences, March **2017**, Houston, Texas, USA. (Invited Talk)
- 50) **Safayi, S.**, Career Paths in the Biomedical Sciences. Training in Brain Tumor Research Seminars. University of Texas MD Anderson Cancer Center. April **2017**, Houston, Texas, USA. (Invited Talk)
- 51) **Safayi, S.**, Virtual Branding for Scientist: LinkedIn. University of Texas MD Anderson Cancer Center UTHealth Graduate School of Biomedical Sciences, March **2017**, Houston, Texas, USA. (Oral Presentation - Workshop)
- 52) **Safayi, S.**, How to craft a CV. Association of Minority Biomedical Researchers. University of Texas MD Anderson Cancer Center UTHealth Graduate School of Biomedical Sciences, March **2017**, Houston, Texas, USA. (Invited Talk)
- 53) **Safayi, S.**, Recipe to a successful career planning, its ingredients and the secret sauce. University of Texas MD Anderson Cancer Center UTHealth Graduate School of Biomedical Sciences, March **2017**, Houston, Texas, USA. (Oral Presentation)
- 54) N. M. Ellinwood, B. Valentine, A. S. Hess, J. K. Jens, E. M. Snella, W. A. Ware, Sh. J. Hostettera, G. Ben-Shlomo, N. D. Jeffery, **S. Safayi**, and et al. Preliminary findings of a twenty-six week or longer intracerebroventricular infusion study of BMN 250 administered once every 2 weeks in a canine model of mucopolysaccharidosis type IIIB. 13th Annual WORLDSymposium, February **2017**, San Diego, California, USA. (Poster presentation)

- 55) **S. Safayi** and Brennan, R. How to prepare an effective CV and/or Résumé for jobs in academia and industry!, Okinawa Institute of Science and Technology, September **2016**, Okinawa, Japan (Oral Presentation - Workshop)
- 56) **Safayi, S.**, Using your online professional presence effectively to your advantage!, Okinawa Institute of Science and Technology, August **2016**, Okinawa, Japan (Oral Presentation - Workshop)
- 57) K. Bozek, L. Jaubert, Sh. Johnson and **Safayi, S.**, Postdoc Positions; to do's and don'ts!, Okinawa Institute of Science and Technology, April **2016**, Okinawa, Japan (Oral Presentation – Career Panel)
- 58) Jeffery, N., **Safayi, S.**, and et al. Validation of a kinematic assessment of cerebellar dysfunction in the canine model of mucopolysaccharidoses type IIIB (MPS IIIB), 12th Annual WORLD Symposium™ for Lysosomal Disease, February-March **2016**, San Diego, CA, USA. (Poster presentation)
- 59) **Safayi, S.**, Use of 3D Motion Analysis as a Quantitative Tool in Animal Models. Neuromodulation Research Medtronic Inc., March **2016**, Minneapolis, MN, USA (Invited talk)
- 60) Ellinwood, M.E., Johnson, B.A., Jens, J.K., Snella, E.M., Ware, W.A., Hostettera, S., Ben-Shlomo, G., Jeffery, N., **Safayi, S.**, and et al. Twenty six week or longer intracerebroventricular (ICV) infusion study of BMN 250 administered once every 2 weeks in a canine model of Mucopolysaccharidosis type IIIB (MPS IIIB). 12th Annual WORLD Symposium™ for Lysosomal Disease, February-March **2016**, San Diego, CA, USA. (Poster presentation)
- 61) R. Brennan and **Safayi, S.**, How to prepare an effective Résumé for positions in "industry"!, Okinawa Institute of Science and Technology, February **2016**, Okinawa, Japan (Oral Presentation - Workshop)
- 62) **Safayi, S.**, How to prepare an effective CV for "Faculty" positions!, Okinawa Institute of Science and Technology, February **2016**, Okinawa, Japan (Oral Presentation - Workshop)
- 63) **Safayi, S.**, How to prepare an effective CV for "Postdoctoral" positions!, Okinawa Institute of Science and Technology, February **2016**, Okinawa, Japan (Oral Presentation - Workshop)
- 64) **Safayi, S.**, How to use "LinkedIn", "ResearchGate" and "GoogleScholar Citation" effectively for networking and job hunting!, Okinawa Institute of Science and Technology, January **2016**, Okinawa, Japan (Oral Presentation - Workshop)
- 65) **Safayi, S.**, Postdoctoral Appointment (~~Disappointment~~): A Recipe to Success, Its Ingredients and the Secret Sauce, Research Community Meeting, Okinawa Institute of Science and Technology, January **2016**, Okinawa, Japan (Invited talk)
- 66) **Safayi, S.**, and et al. Kinematic analysis of the gait of adult sheep during treadmill locomotion: parameter values, allowable total error, and potential for use in evaluating spinal cord injury. 7th Annual Neuroscience Research Day, September **2015**, Ames, IA, USA. (Poster presentation)
- 67) **Safayi, S.**, Jeffery, N. D., Use of computerized 3-D motion analysis as a biomechanical assessment tool in biomedical studies in-vivo. 2nd Midwest Postdoctoral Symposium, May **2015**, Ames, IA, USA. (Oral presentation)
- 68) **Safayi, S.**, and et al. Assessing neuromodulation in vivo by computerized gait analysis. Minnesota Neuromodulation Symposium, April **2015**, Minneapolis, MN, USA. (Poster presentation)
- 69) Miller, J. W., Reddy, C. G., Wilson, S., Dalm, B. D., **Safayi, S.**, and et al. Spinal Cord Stimulation in an Ovine Model of Neuropathic Pain Measured through Von Frey Filaments, Gait Analysis, and Dorsal Horn Recordings. Minnesota Neuromodulation Symposium, April **2015**, Minneapolis, MN, USA. (Poster presentation)
- 70) **Safayi, S.**, "Using your online professional presence effectively to your advantage: LinkedIn", Iowa State University Postdoctoral Association, March **2015**, Ames, IA, Iowa, USA (Invited talk)
- 71) **Safayi, S.**, Momeni, K. "An overview of visa and residency options for international students and scholars in the US". Iranian Students and Scholars Association, Iowa State University, March 2015, Ames, Iowa, USA (Invited Talk)
- 72) **Safayi, S.**, 3-D motion capture system and its use in computerized analysis of movement and behavior patterns of animal models. College of Veterinary Medicine Faculty Research Symposium, Iowa State University, January **2015**, Ames, IA, USA. (Oral presentation)
- 73) Khanal P., Pedersen K. L., Pandey D., **Safayi, S.**, Nielsen M. O. Late gestation malnutrition leads to similar impacts on adipose tissue distribution, development and function upon exposure to a postnatal high-fat diet in adolescent sheep. Acta Physiologica Vol. 211, Suppl. 696: 51. Scandinavian Physiological Society's Annual Meeting, August **2014**, Stockholm, Sweden. (Oral presentation)
- 74) [Authors in alphabetical order with equal contribution] Allison J.R., Aoun B., Bryan N., Diaz G., Fagan R.L., Fazi D., Gander P.E., Greising S. M., Grobe N., Linte C. A., **Safayi, S.**, Sonner P., Zamanian M. and Wilson N., The Midwest Postdoctoral Forum (MWPDF), an innovative model for regional collaboration among postdoctoral communities, 1st Midwest Postdoctoral Symposium, University of Iowa, May **2014**, Iowa City, IA, USA. (Poster presentation)
- 75) [Authors in alphabetical order with equal contribution] Allison J.R., Aoun B., Bryan N., Diaz G., Fagan R.L., Fazi D., Gander P.E., Greising S. M., Grobe N., Linte C. A., **Safayi, S.***(the presenter), Sonner P., Zamanian M. and Wilson N., The Midwest Postdoctoral Forum (MWPDF), an innovative model for regional collaboration among postdoctoral communities, National Postdoctoral Association's Annual Meeting, April **2014**, St. Louis, MO, USA. (Poster presentation)
- 76) **Safayi, S.**, Use of 3D Motion Analysis in Life Sciences. American Association for Laboratory Animal Science-Iowa Branch, October **2013**, Cedar Falls, IA, USA (Invited talk)
- 77) Diwate, V., U.S.-Iran relations affect Iranian students. Iowa State Daily, October **2013**, USA (Interview)
- 78) **Safayi, S.**, and et al. Ontogeny of nuclear and cytoplasmic myoepithelial cell markers in pre-weaning Holstein heifers. ADSA-ASAS Joint Annual Meeting, July **2012**, Phoenix, AZ, USA. (Oral presentation)

- 79) Wilder, M., **Safavi, S.**, and et al. Stearoyl-CoA desaturase (SCD1) localization and intensity in bovine adipose and muscle tissue from implanted and non-implanted steers. ADSA-ASAS Joint Annual Meeting, July **2012**, Phoenix, USA. (Poster presentation)
- 80) **Safavi, S.**, and M. O. Nielsen. Intravenous supplementation of acetate, glucose or essential amino acids to an energy and protein deficient diet in lactating dairy goats: effects on milk production and mammary nutrient extraction. J. Anim. Sci. Vol. 89, E-Suppl. 1/J. Dairy Sci. Vol. 94, E-Suppl. 1:435; ADSA-ASAS Joint Annual Meeting, July **2011**, New Orleans, USA. (Oral presentation)
- 81) Ellis, S., R. M. Akers, A. V. Capuco, and **Safavi, S.** Bovine Mammary Epithelial Cell Lineages and Parenchymal Development. J. Anim. Sci. Vol. 89, E-Suppl. 1/J. Dairy Sci. Vol. 94, E-Suppl. 1:1; ADSA-ASAS Joint Annual Meeting, July **2011**, New Orleans, USA. (Oral presentation)
- 82) **Safavi, S.**, and et al. Ontogeny of nuclear and cytoplasmic myoepithelial markers during prepubertal bovine mammary development. J. Anim. Sci. Vol. 89, E-Suppl. 1/J. Dairy Sci. Vol. 94, E-Suppl. 1:434; ADSA-ASAS Joint Annual Meeting, July **2011**, New Orleans, USA. (Oral presentation)
- 83) **Safavi, S.**, and et al. Multispectral analysis of myoepithelial cell development in prepubertal bovine mammary gland. J. Anim. Sci. Vol. 89, E-Suppl. 1/J. Dairy Sci. Vol. 94, E-Suppl. 1:434; ADSA-ASAS Joint Annual Meeting, July **2011**, New Orleans, USA. (Oral presentation)
- 84) **Safavi, S.**, Nielsen MO. Intravenous supplementation of acetate, glucose or essential amino acids to an energy and protein deficient diet in early and late lactating dairy goats: effects on milk production and mammary nutrient extraction, CoLact (Comparative Lactation Network) Meeting, April **2011**, Copenhagen, Denmark. (Oral presentation)
- 85) Agenäs S, Nielsen MO, **Safavi, S.** and Knight CH. Timing of mammary angiogenesis: a possible explanation for post-partum apoptosis in bovine udder? Lactation research in mammals and humans: The mammary gland in health and disease, Centre for reproductive biology, December **2010**, Uppsala, Sweden. (Oral presentation)
- 86) Cattani M, Hansen H H, **Safavi, S.**, et al. Effect of easily fermentable carbohydrates on methane emission at different pH using a novel wireless in vitro gas technique, 4th International Conference on Greenhouse Gases and Animal Agriculture, October **2010**, Banff, Canada. (Poster presentation)
- 87) **Safavi, S.**, and et al. Mammary Development and Remodeling in Primiparous and Multiparous Dairy Goats During Lactation, CRU Symposium on 'Lactation in Mammals and Humans', November **2008**, Uppsala, Sweden. (Oral presentation)
- 88) **Safavi, S.**, and et al. Effect of continuous lactation in dairy goats on mammary histology, cell turnover and expression of angiogenic factors, The 5th European Gordon Research Conference on Mammary Gland Biology, June **2008**, Lucca (Barga), Italy. (Poster presentation)
- 89) **Safavi, S.**, and et al. Effect of Parity and Continuous Lactation on Expression of Angiogenic Factors during Different Stages of Lactation in the Mammary Gland of Dairy Goats, The 1st SHARE (Synergy in Human and Animal Research) Symposium, November **2007**, Copenhagen, Denmark. (Poster presentation)
- 90) **Safavi, S.**, and et al. The PhD Students' Network at KVL – Is It Dying Out?, Det Levende Universitet (Faculty of Life Sciences' Magazine; University of Copenhagen, Denmark), August **2006**, 22:23. (Magazine paper)
- 91) **Safavi, S.**, and et al. The Students' Perspective: NOVA Student Forum, "10 Years NOVA-UN 1995-2005" Book (ISBN: 91-631-8143-6), **2005**, 118:119. (Book chapter)
- 92) **Safavi, S.**, KVL – An International University, Det Levende Universitet (Faculty of Life Sciences' Magazine; University of Copenhagen, Denmark), March **2005**, 6:7. (Magazine paper)
- 93) Tadjalli M, **Safaei S**, Histological study of chordae tendineae of the tricuspid and bicuspid valves in goat and cattle, September **2005**, 4th Asian-Pacific International Congress of Anatomists, Kusadasi, Turkey. (Poster presentation)
- 94) Mahjoor AA, Dara H, **Safavi, S.**, Case report of a penile papilloma in a dog, The 1st National Congress of Pet Animals Vet Med, September **2003**, Tehran, Iran. (Poster presentation)
- 95) Sarchahi AA, Mahjoor AA, **Safavi, S.**, Case report of a brain stem damage in a dog, The 1st National Congress of Pet Animals Vet Med, September **2003**, Tehran, Iran. (Poster presentation)
- 96) Mahjoor AA, Dehghani S, **Safavi, S.**, Case report of leiomyoma in a dog, The 5th Iranian Veterinary Surgery & Radiology & Anesthesia Symposium, February **2003**, Ahwaz, Iran. (Poster presentation)
- 97) Mahjoor AA, **Safavi, S.**, West Nile Disease-A Live and Present Danger, The 1st Regional Zoonosis Congress, November **2002**, Sanandaj, Iran. (Oral presentation)
- 98) **Safavi, S.**, Mahjoor AA, Borna Disease-The first infectious disease which makes mental disorders in animals and human, The 1st Regional Zoonosis Congress, November **2002**, Sanandaj, Iran. (Oral presentation)
- 99) **Safavi, S.**, The risk of human infection to CCHF by using the infectious meat, The 1st Regional Zoonosis Congress, November **2002**, Sanandaj, Iran. (Oral presentation)
- 100) **Safavi, S.**, and et al. The clinical and paraclinical study on TRP suffering cows visited at Shiraz veterinary school during 2000-2001, The 3rd Congress of Iranian Clinical Veterinarians, October **2002**, Mashhad, Iran. (Poster presentation)
- 101) Mahjoor AA, Tafti Kh, **Safavi, S.**, Case report of Tripanosomiasis in a Dog, The 3rd Congress of Iranian Clinical Veterinarians, October **2002**, Mashhad, Iran. (Poster presentation)
- 102) Mahjoor AA, Tafti Kh, Dehghani S, **Safavi, S.**, Case report of an acute derma-peritoneal enzootic locosis in a cow, The 3rd Congress of Iranian Clinical Veterinarians, October **2002**, Mashhad, Iran. (Poster presentation)
- 103) Mahjoor AA, Tafti Kh, Dehghani S, Vafafar A, **Safavi, S.**, The first Iranian case report of sweat gland adenocarcinoma in a dog in Iran, The 3rd Congress of Iranian Clinical Veterinarians, October **2002**, Mashhad, Iran. (Poster presentation)

- 104) **Safayi, S.**, and et al. Interaction of xylasine and endogenous steroid in tonic pain sensitivity in female rat, The 8th Iranian Seminar Of Pharmaceutical Sciences, August **2002**, Shiraz, Iran. (Poster presentation)
- 105) **Safayi, S.**, Taherianfard M, Study of pain sensitivity during estrus cycle, The 5th Iranian Congress of Veterinary Medical Students, March **2002**, Ahwaz, Iran. (Oral presentation)
- 106) **Safayi, S.**, Shekarforoosh Sh, Slaughtering and its hygiene and economical damages results of present shortages, The 12th Iranian Veterinary Congress, February **2002**, Tehran, Iran. (Poster presentation)
- 107) **Safayi, S.**, Mohebbi M, The importance of attention to production medicine, The 12th Iranian Veterinary Congress, February **2002**, Tehran, Iran. (Poster presentation)
- 108) **Safayi, S.**, Taherianfard M, Study of pain sensitivity during estrus cycle, The 34th International Congress of Physiological Sciences, August **2001**, Christchurch, New Zealand. (Poster presentation)
- 109) **Safayi, S.**, How to stay away from the claws of pet cats, Khabar-e-Jonoob Daily Newspaper, **2001**, 5676:11. (in Farsi)
- 110) **Safayi, S.**, Ostrich, Khabar-e-Jonoob Daily Newspaper, **2001**, 5632:8. (in Farsi)
- 111) **Safayi, S.**, The Veterinary Medicine, Khabar-e-Jonoob Daily Newspaper, **2000**, 5498:6. (in Farsi)
- 112) **Safayi, S.**, A Statistical Perspective to Think About, TaFarda Veterinary Students' Journal, **1999**, 11:27. (in Farsi)
- 113) **Safayi, S.**, An Interview - A Poultry Sciences Faculty's View on the Bird Flu Disease, Ghoghnoos Veterinary Students' Journal, **1998**, 2:41-42. (in Farsi)
- 114) **Safayi, S.**, Questions and Answers, Ghoghnoos Veterinary Students' Journal, **1998**, 2:35. (in Farsi)
- 115) **Safayi, S.**, A Statistical Perspective to Think About, Ghoghnoos Veterinary Students' Journal, **1998**, 2:31-32. (in Farsi)
- 116) **Safayi, S.**, The point hidden in the heart of the revolution, Ghoghnoos Veterinary Students' Journal, **1998**, 2:7. (in Farsi)
- 117) **Safayi, S.**, Observing From a Different Angle, Ghoghnoos Veterinary Students' Journal, **1998**, 1:19. (in Farsi)
- 118) **Safayi, S.**, The Path, Ghoghnoos Veterinary Students' Journal, **1998**, 1:18. (in Farsi)

OTHER LEADERSHIP AND PROFESSIONAL ACTIVITIES

Member of Advisory Board, International Scholars Task Force, Future of Research (FoR), USA	Since 2020
Academic Editor, PLOS ONE, San Francisco, CA, USA	Since 2020
Mentor, MATTER Mentorship Program, Chicago, IL, USA	Since 2020
Member of Educational Innovation Team, Center for Teaching Excellence & Innovation, Rush University, USA	Since 2020
Career Coach (volunteer), Upwardly Global (non-profit), Chicago, IL	Since 2019
[Contributing] Member of Graduate Education Research & Practice Committee (since 2019), Meetings Committee (2017-2019) and Diversity Committee (2017-2018), Graduate Career Consortium, USA	Since 2017

Ad hoc reviewer for

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| <ul style="list-style-type: none"> • PLOS ONE (since 2020) • Studies in Graduate and Postdoctoral Education (since 2020) • International Journal of Doctoral Studies (since 2019) • Journal of Spinal Cord Medicine (since 2018) • BMC Veterinary Research (since 2015) • International Breastfeeding Journal (since 2014) | <ul style="list-style-type: none"> • Journal of Animal Science and Biotechnology (since 2014) • The Veterinary Journal (since 2014) • Livestock Science (since 2012) • Journal of Dairy Science (since 2009) • Small Ruminant Research (since 2008) • Iranian Journal of Veterinary Research (2008-2009) |
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Professional membership - Member of:

- | | |
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| <ul style="list-style-type: none"> • International Doctoral Education Research Network (since 2020) • International Educators of Illinois (since 2019) • Graduate Career Consortium (since 2016) • National Postdoctoral Association (since 2013) • Alumni Association of University of Copenhagen (since 2010) | <ul style="list-style-type: none"> • Shiraz University Alumni Association (since 2004) • Iran Veterinary Council (since 2004) • Ames, IA Chapter of the Society for Neuroscience (SFN) (2012-2015). • The American Dairy Science Association (ADSA) (2010-2015) • The American Association for the Advancement of Science (AAAS) (2008-2012) |
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[Contributing] Member of Meetings Committees, National Postdoctoral Association, USA **2013-2019**

Member of Advisory Board, Centre for Faculty Development and Excellence, Emory University, USA **2018**

President-Elect of Iowa State University Postdoctoral Association, Iowa State University, USA **2013-2014**

Founder and Interim Chair, Midwest Postdoctoral Forum, USA **2013-2014**

Member of Graduate and Post-Doctoral Program Excellence Subcommittee , The President's Committee on Enhancing Institutional Excellence, Iowa State University, USA	2013-2014
Chair of Executive Committee, Midwest Postdoctoral Symposium , Ames, IA, USA	2012-2013
Vice-President Elect and Interim President of Iowa State University Postdoctoral Association, Iowa State University, USA	2012-2013
President-Elect of Clemson University Iranian Students Association (CUIA), USA	2010-2011
Board Member Elect of PhD Study Committee, Graduate School, University of Copenhagen, Denmark	2006-2008
Board Member Elect of Students' Forum , "Nordic Forestry, Veterinary and Agricultural University Network", Nordic Countries	2005-2007
Board Member Elect of PhD Network, University of Copenhagen, Denmark	2004-2007
Board Member Elect of the Iranian Academic Society in Denmark, Denmark	2004-2006
Represented over 400 veterinary students as their board member elect in:	1999-2003
<ul style="list-style-type: none"> • Students' Scientific Association (1999-2003) Communication manager • Students' Sports Council (2001-2003) Organizing sport events • Indoor Soccer and Volley Ball College Team (2001-2003) Selected among all students • Students' Representative Council (1999-2002) Organizing seminars 	
at School of Veterinary Medicine, Shiraz University, Iran	
Chief Editor of "Veterinary" Column, "Khabar-e-Jonoob" Daily Newspaper	2000-2001
Other professional activities during DVM education, Shiraz University, Iran	1997-2003
<ul style="list-style-type: none"> • Chair-Elect, "Commencement Committee" (2003) • Head of Extra-Curricular Programs, "The 3rd National Congress of Hygiene and Diseases of Poultry" (2002) • Manager of Student Affairs Office, "Student and Cultural Affairs" at Vice-Dean's Office (2001) • Secretary of "Students' and Cultural Affairs" at Vice-Dean's Office (2001) • Editor of "Paliz" Agriculture Students Journal (1998-2000) • Editor and Senior Writer of "Ta Farda" & "Ghoghnoos" Veterinary Students Journal (1998-2000) • Head of Transport and Supplies (logistics) Committee of "The 2nd Iranian Veterinary Surgery & Radiology Symposium" (1999) • Representative of "The 1st Scientific Seminar of Veterinary Medical Students of Islamic Azad University" at Shiraz Uni. (1998) • Board member of the executive committee, Head of "Transport" Committee and member of "Secretariat", "Treasury Committee" and "Congress Proceeding Committee" of "The 4th Iranian Congress of Veterinary Medical Students" (1997) 	

SKILLS

Soft Skills

• Leadership	• Project Design	• Curriculum Development	• Public Speaking
• Strategic Thinking	• Project Management	• Relationship-Building	• Mentoring
• Creative Problem-solving	• People Management	• Flexibility and Adaptability	• Teaching
• Methodological	• Time Management	• Conflict Management	• Verbal Communication
• Program Development	• Budget Management	• Coaching	• Written Communication
• Higher Education	• Marketing	• Analytical Thinking	• Science Writing
• Business Strategy	• Entrepreneurship	• Intrapreneurship	• Innovation
• Career Development	• Organizational Development	• Team Building	• Staff Development
• Outreach	• Fundraising	• Business Development	• Cultural Intelligence (CQ.)
• Workforce Development	• Professional Development	• Alumni Engagement	• Individual Development Plans
• University Relations	• Industry Relations	• Recruitment	• Sourcing
• Talent Acquisition	• Organizational Leadership		

Technical Skills

- Personality Assessment
- Tech-Based Teaching
- Online Teaching
- Metabolic Programming
- Continuous-Infusion
- In-Vitro Fermentation
- Gas Chromatography
- Biotechnology
- Animal Science
- Dairy Science
- Study Design
- Data Analysis
- Biostatistics
- Behaviour Analysis
- Gait Analysis
- 3D Motion Analyses
- Kinematics
- Qualitative Analysis
- Life Science
- Lactation
- Histology
- Immunohistochemistry
- Immunofluorescence
- Laser Microdissection
- Imaging Techniques
- Stereology
- Advanced Image Analysis
- Quantitative Analysis
- Physiology
- Animal behavior
- Real Time RT-PCR
- Cell Culture
- Catheterization
- Tissue Biopsy
- Surgery
- Milk Analyses
- Biomedical Science
- Research
- Nutrition
- Survey Development

Software Skills

- MBTI assessment Steps I and II
- RefWorks
- RefMan
- Mendeley
- Primer Express
- Motion Capture Nexus (Vicon)
- SAS & JMP
- WebEx, Zoom, Skype, BlueJ
- Beacon Designer
- PRISM Genetic Analyzer
- CellProfiler
- ImageJ
- Online Teaching platforms "Absalon" & "BlackBoard"
- CRI [Nuance VIS Flex multispectral imaging system]
- Adobe (Illustrator, Acrobat, Photoshop, Premiere, InDesign)
- Microsoft Windows & Office (Excel, PowerPoint, Word, Outlook)

LANGUAGES:

- **Persian (Farsi)** - Native
- **Arabic** – Basic
- **English** – Fluent
- **Danish** - Basic