

رزومه



نام و نام خانوادگی: مرجان بهرامی نسب

تاریخ تولد: 1361/8/11

وضعیت تاهل: متاهل

اطلاعات تماس:

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تحصیلات:

- دکتری مهندسی مواد (بیومواد)، دانشگاه پوترای مالزی 1389-1393
- کارشناسی ارشد مهندسی و علم مواد (بیومواد)، دانشگاه پوترای مالزی، 1387-1389
- کارشناسی مهندسی مواد (متالورژی صنعتی)، دانشگاه سمنان، 1380-1384

سوابق کاری:

- عضو هیات علمی گروه مهندسی بافت و علوم سلولی-کاربردی، 1395-حال حاضر
- مدیر دفتر توسعه فناوری سلامت دانشگاه علوم پزشکی سمنان، 1397-1400
- رئیس مرکز تحقیقات سلولهای بنیادی دانشگاه علوم پزشکی سمنان، 1399-1401
- ناظر علمی آزمایشگاه میکروسکوپ نیروی اتمی، 1397-حال حاضر
- عضو هیات علمی گروه مهندسی مواد دانشگاه بوئین زهرا، 1393-1395

مقالات چاپ شده در مجلات:

- 1) Sarabjeet Singh Sidhu, Mohamed Abdel-Hady Gepreel, **Marjan Bahraminasab**, (2022). Advances in titanium bio-implants: Alloy design, surface engineering and manufacturing processes. Journal of Materials Research. (IF=2.909)

- 2) Marjan **Bahraminasab**, Athar Talebi, Nesa Doostmohammadi, Samaneh Arab, Ali Ghanbari & Sam Zorbakhsh (2022). The healing of bone defects by cell-free and stem cell-seeded 3D-printed PLA tissue-engineered scaffolds. *Journal of Orthopaedic Surgery and Research*. (IF=2.359)
- 3) **Bahraminasab, M.**, M. Bozorg, S. Arab, S. Ghaffari, N. Doostmohammadi and M. N. Jafarabadi (2022). On the manufacture of a porous alumina-titanium biocomposite by spark plasma sintering. *Materials Chemistry and Physics*: 125831. (IF=4.094)
- 4) **Bahraminasab, M.**, S. Arab and N. Doostmohammadi (2022). Cytotoxicity and Ion Release of Functionally Graded Al₂O₃-Ti Orthopedic Biomaterial. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*, Trans Tech Publ.(PubMed/Scopus index)
- 5) **Marjan Bahraminasab**, Mahsa Janmohammadi, Samaneh Arab, Athar Talebi, Vajihe Taghdiri Nooshabadi, Parisa Koohsarian, Mohammad Sadegh Nourbakhsh, *Bone Scaffolds: An Incorporation of Biomaterials, Cells, and Biofactors*, ACS Biomaterials Science & Engineering, 2021,(IF=4.749)
- 6) Sahil Dhiman, Malkeet Singh, Sarabjeet Singh Sidhu, **Marjan Bahraminasab**, Danil Yurievich Pimenov, Tadeusz Mikolajczyk, Cubic Lattice Structures of Ti6Al4V under Compressive Loading: Towards Assessing the Performance for Hard Tissue Implants Alternative, *Materials*, volume 14 (14) (IF=3.623).
- 7) Samaneh Arab, **Marjan Bahraminasab**, Alireza Yazdani, Anna Abdolshahi, Effects of whole fruit extract of *elaegnus angustifolia* l. on glioblastoma cell lines, *Journal of microbiology, biotechnology and food sciences*.
- 8) **Marjan Bahraminasab**, Samaneh Arab, Manouchehr Safari, Athar Talebi, Fatemeh Kavakebian & Nesa Doostmohammadi, In vivo performance of Al₂O₃-Ti bone implants in the rat femur, *Journal of Orthopaedic Surgery and Research*, 2021, volume 16 (IF=1.777)
- 9) **Bahraminasab, M.**, Arab, S., Ghaffari, S., Osteoblastic cell response to Al₂O₃-Ti composites as bone implant materials, accepted in the journal of *Bioimpacts* (IF=3.475)
- 10) **Bahraminasab, M.**, Doostmohammadi, N., Alizadeh, A., Low-cost synthesis of nano-hydroxyapatite from carp bone waste: Effect of calcination time and temperature, *International Journal of Applied Ceramic Technology*, 2021 (IF= 1.762)
- 11) Samaneh Arab, Sahar Ghasemi, Ali Ghanbari, **Marjan Bahraminasab**, Atefeh Satari, Mahboubeh Mousavi, Hesamodin Ghasemi Dehcheshme, Samira Asgharzade, Chemopreventive effect of spirulina microalgae on an animal model of glioblastoma via down-regulation of PI3K/AKT/mTOR and up-regulation of miR-34a/miR-125B expression, *Phytotherapy Research*, 2021, Volume35(11), (IF=5.882)
- 12) Kameli, S., Khani, F., **Bahraminasab, M.**, Ghorbani, R., Mashhadi Abbas, F., Bond strength and microleakage of different types of cements in stainless steel crown of primary molar teeth, *dental research journal*, 2021 (Pubmed)
- 13) Amin Barati Shoorche, Alireza Mohammadkarim, Majid Jadidi, **Marjan Bahraminasab**, Hamid Reza Sameni, Fractal dimension analysis and surface topography mapping to investigate the effects

of low-level laser therapy on the physical behavior of osteosarcoma MG-63 cells, Koomesh, 2021, volume 23 (5). [in persian]

- 14) **Bahraminasab, M.** Challenges on optimization of 3D-printed bone scaffolds. *BioMedical Engineering OnLine*. 2020; 19(1):1-33. [ISI indexed, IF= 2.059]
- 15) **M. Bahraminasab**, S. Arab, and A. Jahan, (2020) Adaptation of MC3T3 cell line to Dulbecco's Modified Eagle's medium. *Tissue and Cells*, 64:p.101341 [ISI indexed, IF= 1.837]
- 16) Bains, P.S., **M. Bahraminasab**, S.S. Sidhu, and G. Singh, (2019). "On the machinability and properties of Ti-6Al-4V biomaterial with n-HAp powder mixed ED machining" *Proc. Inst. Mech. Eng. [H] J. Eng. Med.*, 2019: p. 0954411919891887. [ISI indexed, IF= 1.317]
- 17) Aherwar, A., A. Patnaik, and **M. Bahraminasab**, (2019). "Effect of molybdenum content on structure and properties of a Co-Cr biomedical alloy" *J. Mater. Eng. Perform.*, 2019. 28(10): p. 6340-6353. [ISI indexed, IF= 1.476]
- 18) Sahil Dhiman, Sarabjeet Singh Sidhu, Preetkanwal Singh Bains, **Marjan Bahraminasab** (2019). "Mechanobiological assessment of Ti-6Al-4V fabricated via Selective Laser Melting Technique: A review" Accepted in *Rapid Prototyping journal* [ISI indexed, IF= 2.346]
- 19) **Bahraminasab, M.**, M. Bozorg, S. Ghaffari and F. Kavakebian (2019). "Corrosion of Al₂O₃-Ti composites under inflammatory condition in simulated physiological solution." *Materials Science and Engineering: C* 102: 200-211 [ISI indexed, IF=5.08].
- 20) Amit Aherwar, Amar Patnaik, **Marjan Bahraminasab**, Amit Singh (2019) "Preliminary evaluations on development of new materials for hip joint femoral head" *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*, vol. 233, pp. 855–899 [ISI indexed, IF=1.625]
- 21) **Marjan Bahraminasab**, Mansoor Bozorg, Somaye Ghaffari, Fatemeh Kavakebian (2018) "Electrochemical corrosion of Ti-Al₂O₃ biocomposites in Ringer's solution", in *Journal of Alloys and Compounds*, vol. 777, pp. 34–43 [ISI indexed, IF=3.7]
- 22) Amit Aherwar, and **Marjan Bahraminasab** (2017) "Biocompatibility evaluation and corrosion resistance of tungsten added Co-30Cr-4Mo-1Ni alloy" *Bio-Medical Materials and Engineering*, vol. 28, pp. 687–701 [ISI indexed, IF=0.70]
- 23) **Marjan Bahraminasab** (2017) "Effect of Femoral Component Interface Design on Biomechanical Performance of Knee Prosthesis" *Iranian Journal of Biomedical Engineering*, vol. 10, issue 1, pp. 25–40 [in Persian]
- 24) **Marjan Bahraminasab**, S. Ghaffari, and Hossein Eslami-Shahed (2017) "Al₂O₃-Ti functionally graded material prepared by spark plasma sintering for orthopaedic applications" *Journal of the Mechanical Behavior of Biomedical Materials*, vol. 72, pp. 82–89 [ISI indexed, IF=3.11]
- 25) **Marjan Bahraminasab** and Farzam Farahmand (2017) "State of the art review on design and manufacture of hybrid biomedical materials: Hip and knee prostheses" *Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine*, pp. 1–29 [ISI indexed, IF=1.005]

- 26) Ali Jahan, **Marjan Bahraminasab** “Multi-criteria decision analysis in improving quality of design in femoral component of knee prostheses: Influence of interface geometry and material” *Advances in Materials Science and Engineering* (2015) [ISI indexed, IF=1.299]
- 27) Ali Jahan, Kevin L. Edwards, Abbas S. Milani, **Marjan Bahraminasab** “Multicriteria decision analysis in material design, selection, and manufacturing” *Advances in Materials Science and Engineering* (2015) [ISI indexed, IF=1.299]
- 28) **Marjan Bahraminasab**, B. B. Sahari, Edwards K. L., Farzam Farahmand, Ali Jahan, Tang Sai Hong, Manohar Arumugam (2014) “On the influence of shape and material used for the femoral component pegs in knee prostheses for reducing the problem of aseptic loosening” *Materials & Design*, vol. 55, pp. 416–428 [ISI indexed, IF=3.997, Elsevier]
- 29) **Marjan Bahraminasab**, B. B. Sahari, Edwards K. L., Farzam Farahmand, Tang Sai Hong, Manohar Arumugam, Ali Jahan (2014) “Multi-objective design optimization of functionality graded material for femoral component of total knee replacement” *Materials & Design*, vol. 52, pp. 159–173 [ISI indexed, IF=3.997, Elsevier]
- 30) **Marjan Bahraminasab**, B. B. Sahari, Edwards K. L., Farzam Farahmand, Hamid Naghibi (2013) “Material tailoring of the femoral component in a total knee replacement to reduce the problem of aseptic loosening” *Materials & Design*, vol. 52, pp. 441–451 [ISI indexed, IF=3.997, Elsevier]
- 31) **Marjan Bahraminasab**, Ali Jahan, B. B. Sahari, Manohar Arumugam, Mahmoud Shamsborhan, Mohd Roshdi Hassan (2013) “Using design of experiments methods for assessing peak contact pressure to the material properties of human knee soft tissue” *Journal of Medical Engineering* 2013.
- 32) **Marjan Bahraminasab**, B. B. Sahari, Edwards K. L., Farzam Farahmand, Manohar Arumugam (2013) “Aseptic loosening of femoral components-Materials engineering and design considerations”, *Materials & Design*, 44, 155–163. [ISI indexed, IF=3.997, Elsevier]
- 33) **Marjan Bahraminasab**, B. B. Sahari, Edwards K. L., Farzam Farahmand, Manohar Arumugam, Tang Sai Hong (2012) “Aseptic loosening of femoral components - a review of current and future trends in materials used” *Materials & Design*, 42, 459–470. [ISI indexed, IF=3.997, Elsevier]
[*Selected as 25 hottest articles in the journal of Materials & Design by Elsevier \(October to December 2012\)*](#)
- 34) Jahan A, **Bahraminasab M**, Edwards K. L. (2012) “A target-based normalization technique for materials selection”. *Materials & Design*, 35, 647–654. [ISI indexed, IF=3.997, Elsevier]
- 35) Jahan A, Mustapha F, Sapuan SM, Ismail MY, **Bahraminasab M**. (2012) “A framework for weighting of criteria in ranking stage of material selection process”. *The International Journal of Advanced Manufacturing Technology*, 58:411–20. [ISI indexed, IF=1.568, Springer]
- 36) **Bahraminasab M**, Jahan A. “Material selection for femoral component of total knee replacement using comprehensive VIKOR”. *Materials & Design*. 2011;32:4471-7 [ISI indexed, IF=3.997, Elsevier]
- 37) **Bahraminasab M**, Sahari BB, Roshdi Hassan M, Arumugam M, Shamsborhan M. “Finite element analysis of the effect of shape memory alloy on the stress distribution and contact pressure in total

knee replacement”. Trends in Biomaterials and Artificial Organs. 2011;25:95-100. [Scopus indexed]

38) A Jahan, MY Ismail, F Mustapha, SM Sapuan, **M Bahraminasab**. “A comprehensive VIKOR method for material selection”. Journal of Materials & Design Vol 32(3), pp 1215-1221 (2011) [ISI indexed, IF=3.997, Elsevier]

[Selected as 25 hottest articles in the journal of Materials & Design by Elsevier \(April to June 2011\)](#)

39) **Marjan Bahraminasab**, Mohd Roshdi Hassan, Barkawi Bin Sahari “Metallic Biomaterials of knee and hip -A review” Trends in biomaterials and artificial organs Vol 24(1), pp 69-82 (2010) [Scopus indexed]

کتابهای منتشر شده

- 1) **Marjan Bahraminasab**, and Kevin L Edwards (2019) “Computational Tailoring of Orthopaedic Biomaterials: Design principles and aiding tools” In: Biomaterials in Orthopaedics and Bone Regeneration. Springer, Singapore (Chapter in book)
- 2) **Marjan Bahraminasab**, Kevin L. Edwards, (2018), “Biocomposites for hard tissue replacement and repair” Sidhu S., Bains P., Zitoune R., Yazdani M. (eds) In: Futuristic Composites. Materials Horizons: From Nature to Nanomaterials. Springer, Singapore. (Chapter in book)
- 3) Jahan A, Edwards K. L, **Bahraminasab M.** (2016) “Multi-criteria Decision Analysis for Supporting the Selection of Engineering Materials in Product Design”, 2nd Edition. Elsevier
- 4) **Bahraminasab, M.**, & Sahari, B. B. (2013). “NiTi shape memory alloys, promising materials in orthopedic applications”. In F. M. B. Fernandes (Ed.), Shape Memory Alloys: InTech - open science | open minds. (Chapter in book)

مقالات کنفرانسی

- 1) Mahsa Janmohammadi, Mohammad Sadegh Nourbakhsh, **Marjan Bahraminasab**, Development of 3D Printed Polycaprolactone Scaffolds for Bone Tissue Engineering, 7th annual research conference of Semnan University of Medical Sciences, Semnan, Iran, March 7-8, 2022.
- 2) Shokufeh Kiani, Zahra Nazemi, Mohammad Sadegh Nourbakhsh, **Marjan Bahraminasab**, Synthesis and characterization of cellulose nano-crystals as reinforcement in bioglass/tragacanth scaffolds, 3rd National conference on Micro/Nano technology, Imam Khomeini International University, July 20, 2022.
- 3) Farkhondeh Hasan Nezhad, Samaneh Arab, **Marjan Bahraminasab**, Optimal alginate-based hydrogel formulation for delivery of effective compounds in breast cancer therapy, 7th annual research conference of Semnan University of Medical Sciences, Semnan, Iran, March 7-8, 2022.

- 4) Nesa Doostmohammadi, Mard Ali Yousefpoor, Mohammad Sadegh Nourbakhsh, **Marjan Bahraminasab**, Development of 3D Printed Polycaprolactone/Fluorapatite/Zirconia Scaffolds, 7th annual research conference of Semnan University of Medical Sciences, Semnan, Iran, March 7-8, 2022.
- 5) **Marjan Bahraminasab**, Samenh Arab, Nesa Doostmohammadi, On the in vitro biocompatibility of 75Ti-25Al₂O₃ orthopedic composite, 6th annual research conference of Semnan University of Medical Sciences, Semnan, Iran, November 11-12, 2020.
- 6) **Marjan Bahraminasab**, and Kevin L Edwards “Biomaterials Design: Computer Modeling and Six Sigma tools” International Conference on Industrial Engineering & Sustainable Management (IESM’16), Isfahan, Iran, December 13-15, 2016
- 7) **Marjan Bahraminasab** “Advances from material selection to material design: Functionally graded materials in orthopedics” International Congress on Biomaterials & Biosensors (BIOMATSEN2015), Turkey, April 16-19, 2015
- 8) Ali Jahan, **Marjan Bahraminasab** “Multi-Criteria Analysis for Economic Uncertainty of Materials Selection Process” 5th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS2015), Turkey, April 16-19, 2015
- 9) **Marjan Bahraminasab**, Mohd Roshdi Hassan, Aidy Ali “Review study on Metallic Biomaterials of joint replacement” International Advanced of Technology Congress (ATCi), PWTC, Malaysia. November 3-5, 2009

مقالات در دست چاپ:

- Effects of three retrograde filling materials on production of inflammatory cytokines and resorbing mediators (under review)
- 3D printed Poly Lactic Acid/Gelatin- nano Hydroxyapatite / Platelet-rich plasma scaffold for critical-sized skull defect regeneration (under review)
- Enhanced osteoblastic response of calcium phosphate/bovine serum albumin coated Al₂O₃-Ti biocomposites (under review)
- Critical-size bone defect repair with three types of nano-hydroxyapatite scaffolds: an investigation with clinical value (under review)
- Design and optimization of thermosensitive injectable alginate-based hydrogels: as potentials for loading effective compounds in cancer (under review)
- Multi-objective design optimization and additively manufacture of radial and axial functionally graded cellular component for tibial stem of a total knee replacement (under preparation)

پروژه های تحقیقاتی پایان یافته:

- Multi-criteria Approach for Improving Quality of Design (Interface Geometry and Material) in Femoral Component of Knee Prostheses for Reducing the Problem of Aseptic Loosening- 2015
- Fabrication of a new functionally graded biomaterial for femoral component of knee prostheses: Reduction of aseptic loosening and risk of revision surgery- 2016
- Biocompatibility of alumina-titanium uniform and functionally graded biocomposites (fabricated by spark plasma sintering) through In-vivo and In-vitro tests-2017
- Synthesis of nano-hydroxyapatite powder from waste bones of carp by calcination-2019
- Design and synthesis of Poly Lactic Acid/Gelatin-nano Hydroxyapatite / Platelet-rich Plasma bone scaffold using 3D printing technology-2019
- Design and synthesis of 3D printed cell-seeded and cell-free Poly Lactic Acid for rat skull defect-2020
- Fabrication of porous alumina-titanium orthopedic composite and evaluation of the mechanical properties and cytotoxicity on MC3T3 cells-2020
- Biocompatibility comparison of nano-hydroxyapatite powders extracted from carp, human and chemically synthesized-2020
- Design and synthesis of Berberine loaded Nano-hydroxyapatite/Gelatin Bone Scaffold for cancer treatment-2020

پروژه های تحقیقاتی در حال انجام:

- Design and synthesis of alginate-based hydrogel to mimic glioblastoma microenvironment-2021
- Fabrication of porous nano-hydroxyapatite scaffold loaded with sodium fluoride and its effect on dental pulp stem cell differentiation-2021
- Design and synthesis of a thermosensitive drug carrier alginate-based hydrogel for breast cancer treatment-2021
- Post-surgery repair of skull tissue using carp bone-derived nano-hydroxyapatite scaffold (A clinical trial)-2022

- Fabrication and characterization of asymmetric (bilayer) membrane from chitosan-gelatin/chitosan-polycaprolactone for wound healing- 2022
- Preparation of antibacterial powder wound dressing based on tragacanth gum and chitosan-2022

دانشجویان تحت راهنمایی:

- Ranking of different brands of total knee replacements by best-worst multi-criteria decision approach, Co-supervisor (finished)
- Bond strength and microleakage of different types of cements in stainless steel crown of primary molar teeth, Co-supervisor (finished)
- Evaluation of physical behavior of MG-63 osteosarcoma cell line following the laser beams irradiation, Co-supervisor (finished)
- Biocompatibility comparison of Nano-hydroxyapatite powders extracted from carp, human and chemically synthesized, Supervisor (finished)
- Synthesis of 3D-printed polycaprolactone/ZrO₂/FA scaffolds for bone tissue engineering, Co-supervisor (finished)
- Design and synthesis of Berberine loaded Nano-hydroxyapatite/Gelatin Bone Scaffold for cancer treatment, Supervisor (ongoing)
- Computer modeling and manufacture of Ti/HA composite for tibial component of a total knee replacement, Supervisor (ongoing)
- Synthesis of 3D-printed polycaprolactone bone scaffold loaded with bioglass/tragacanth, Supervisor (ongoing)
- Synthesis of bioglass/tragacanth/nanocellulose scaffolds for bone tissue engineering, Supervisor (ongoing)

سخنران مدعو:

Role of eBooks in Quality of Education and Research- Elsevier eBook Forum- Tehran- 27 October 2015

سایر فعالیت‌های حرفه‌ای:

سرمدبیر مهمان:

- Guest Editor in Special Issue on “Advances in Titanium Bio-Implants: Alloy Design, Surface Engineering and Manufacturing Processes” in the Materials research journal
- Guest Editor in Special Issue on “Multi-criteria Decision Analysis in Material Design, Selection and Manufacturing” in the journal of Advances in Materials Science and Engineering

داوری مقالات علمی:

- Reviewer in the Journal of Artificial Organs (Wiley Online Library, IF=1.993).
- Reviewer in the Journal of Materials and Design (Elsevier, IF=3.997).
- Reviewer in the Journal of Tribology International (Elsevier, IF=2.259).
- Reviewer in the Journal of Biomechanics and Modeling in Mechanobiology (Springer, IF=3.032).
- Reviewer in the Journal of Biomedical Materials Research: Part B - Applied Biomaterials (Wiley, IF=3.189).
- Reviewer in the Journal of Metals and Materials International (Springer, IF=1.952)
- Reviewer in the Journal of Acta of Bioengineering and Biomechanics (Wroclaw University of Technology, IF=0.767)
- Reviewer in the Alexandria Engineering Journal (Elsevier)
- Reviewer in the Journal of Nanotechnology: Nanomedicine & Nanobiotechnology (Herald)
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جوایز:

- Elsevier award for outstanding contribution in reviewing (2014)
- Highlighting the PhD research by medical Asia research news 2014 (following link)
<http://asiaresearchnews.com/new-biomaterial-may-extend-knee-implant-life-spans>

- محقق برتر در دانشگاه علوم پزشکی سمنان، 1397
- محقق برتر در دانشکده پزشکی دانشگاه علوم پزشکی سمنان، 1399

مهارت‌های کامپیوتری:

نرم افزارهای

- Abaqus (modeling & analysis software)
- Catia (modeling software)
- Ansys software (modeling & analysis software)
- MMIC (modeling software)
- Minitab (statistical software)
- Design Expert (statistical & optimization software)
- Imagej
- Simplify3D (3D printing software)
- Imager
- Microsoft office (Access, Excel, PowerPoint, and Word)
- Endnote

دروس تدریس شده:

- علم مواد
- مبانی مواد برای مهندسی بافت
- روشهای ساخت داربستها
- مبانی مواد دندانی
- زیست سازگاری
- مواد قابل کاشت در بدن
- نانوبیوتکنولوژی
- کشت سلول
- شیمی فیزیک
- شیمی
- شناخت فلزات صنعتی
- کریستالوگرافی
- آزمونهای غیر مخرب مواد
- طراحی و ساخت به کمک کامپیوتر
- روشهای ساخت

علاقه‌مندی تحقیقاتی:

- بیومواد (طراحی، ساخت و آزمونهای مکانیکی و بیولوژیکی)
- مواد پیشرفته در ارتوپدی
- طراحی ایمپلنت
- داربستهای مهندسی بافت استخوان
- طراحی آزمایشات
- آنالیز المان محدود
- طراحی و انتخاب مواد

مهارت زبان انگلیسی:

- Speaking: good (IELTS=7)
- Listening: good (IELTS=6.5)
- Reading: good (IELTS=6)
- Writing: good (IELTS=6.5)

دوره های گذرانده شده:

- Atomic force microscope on 2nd July 2019 organized by Ara Research Company
- Clinical trials and the industrial perspective on 30th June 2019 organized by Semnan University of Medical Sciences
- Role of clean rooms in health-related career on 11th June 2019 organized by Semnan University of Medical Sciences
- Patent publishing regulations on 23rd February 2019 organized by Semnan University of Medical Sciences
- Patent components and searching for international patents on 23rd January 2019 organized by Semnan University
- PCT patent publishing on 17th October 2018 organized by Mazandaran University of Medical Sciences
- Intellectual Property and patent publishing on 3rd October 2018 organized by Ministry of Health and Medical Education
- Ethical standards in research on 25th January 2018 organized by Semnan University of Medical Sciences
- Atomic force microscope on 23rd October 2017 organized by Ara Research Company
- Teaching methods (clinical and non-clinical) on 18th October 2017 organized by Semnan University of Medical Sciences
- Sciencometry on 5th September 2017 organized by Semnan University of Medical Sciences
- Professional Ethics on 24th February 2017 organized by Semnan University of Medical Sciences
- Reviewing articles on 31st January 2017 organized by Semnan University of Medical Sciences
- Teaching methods on 10th February 2016 organized by Semnan University of Medical Sciences
- Cell culture principles on 31st October 2016 organized by Semnan University of Medical Sciences
- Scientific article writing and publishing on 4th and 5th October 2016 organized by Semnan University of Medical Sciences
- Webcast on ethics in scientific article submission and publishing on 11th July 2012, Dublin (Elsevier).
- Webcast on charting a course for a successful research career on 11th July 2012, Dublin (Elsevier).
- Managing the writing process seminar organized by school of graduate studies University Putra Malaysia on the 13th July 2012.
- Getting the job seminar organized by school of graduate studies University Putra Malaysia on the 21st April 2011.
- Scientific writing seminar organized by school of graduate studies University Putra Malaysia on the 20th October 2010.
- ENDNOTE workshop organized by school of graduate studies University Putra Malaysia on the 23rd June 2009.
- Ethics and legal issues in journal publications workshop organized by school of graduate studies University Putra Malaysia on the 29th May 2009.
- Conference presentation workshop organized by school of graduate studies University Putra Malaysia on the 16th-17th September 2009.
- The viva workshop organized by school of graduate studies University Putra Malaysia on the 12th-13th September 2009.
- Publishing for postgraduate's workshop organized by school of graduate studies University Putra Malaysia on the 28th-29th March 2009.