



AJUMSIA

AJUMS INTERNATIONAL AFFAIRS

خوزستان همیشه داغ و شهادت است
هر گوشه این خاک شایسته استقامت است

SUMMER 2024



The Beauty of Iran, Khuzestan
Photos by Mohammad Ahangar

“ I am honored to welcome our esteemed readers to the third volume of the Journal of AJUMSIA. This volume encompasses the latest educational developments from AJUMS International Affairs, as well as significant updates from our clinical contributors, who have generously shared their research findings across various facets of medicine and diagnostic methodologies.

In an increasingly interconnected global landscape, it is imperative that we foster collaboration and actively contribute to the exchange of knowledge, thereby offering innovative solutions to the complex challenges we collectively encounter.

AJUMS International Affairs also wishes to extend its sincere congratulations to President-elect Dr. Masoud Pezeshkian on his election as President of the Islamic Republic of Iran. We convey our best wishes for his continued success and leadership, which we hope will guide the nation toward further achievements. We also pray that Almighty God grants the noble souls of the late Martyr Dr. Ayatollah Raisi and his companions the honor of Hazrat Ali Ibn Musa al-Reza, peace be upon him.

I would like to take this opportunity to express my profound gratitude to all contributors and members of the editorial board whose dedication has made this volume possible. Special acknowledgment is due to Dr. Somayeh Biparva, Director of AJUMS International Affairs, for her unwavering support in helping AJUMSIA achieve the high standards we aspire to uphold. It is our hope that this journal serves as a valuable resource for all—from students to faculty—and that it continues to elicit robust support and constructive feedback.”

Dr. Maryam Tahmasebi Birgani
Editor-in-Chief
Journal of AJUMSIA

CONTENTS

23 NOVEMBER 2024, SUMMER . JOURNAL OF INTERNATIONAL AFFAIRS

DEPARTMENTS FEATURES

- 1 Collaboration Initiatives Between
AJUMS and TUMS
- 2 AJUMS Director Visits Shiraz
University of Medical Sciences
AJUMS International Affairs Team
Visits Ministry of Foreign Affairs
- 3 AJUMS Hosts Strategic Sessions to Enhance
Educational Standards for International Students
- 4 AMEE 2024 International Conference on Innovations
in Medical Education Held Virtually
- 5 The Importance of Breastfeeding for
Infant and Maternal Health
- 7 AJUMS International College:
Mission, Vision, and Aims
- 8 USERN AJUMS Workshop Activities
- 9 Breakthrough in Retrograde Coronary
Angioplasty Procedures at AJUMS
- 10 Ahvaz Joins Centers Performing
Laparoscopic Colorectal Surgery
- 11 AJUMS Student Research Committee Achieves
Top Ranking Among Iranian Universities

Shushtar's Potential as a Hub and facilities
for Health Tourism at Shushtar Faculty of Medical Sciences
- 12 First National Assembly of the
Asian Medical Students' Association (AMSA)
- 13 Final result for august 2024 Comprehensive
Basic Sciences Examination Released
- 14 Ahvaz Jundishapur University
- 15 Ibn Sina (Avicenna)
A Polymath of the Islamic Golden Age
- 16 Legacy of Muhammad bin Zakariya al-Razi:
Contributions to Medicine

- 17 Message from Director of
AJUMS International Affairs
- 19 Employee Appreciation Day and Government Week
Celebrations at AJUMS International Affairs
Scientific Promotion of AJUMSIA Supervisors
- 20 Dr. Bijanzadeh's Visit to Chazabeh Border Terminal
- 21 AJUMS Highly Cited researchers
According to ESI (ESI Top 1%)
- 23 The Dezful Reed Pen A Unique and Endangered Craft
- 24 AJUMS Persian Handwriting Competition
- 25 AJUMSIA Photography Competition winners
- 33 Tribute to Shahriar:
Celebrating Persian Literature and Art



Collaboration Initiatives

Between AJUMS and TUMS



Tehran, June 22, 2024– In a bid to strengthen international academic partnerships, Dr. Biparva, Director of International Affairs at Ahvaz Jundishapur University of Medical Sciences (AJUMS), conducted an official visit to the Office of the Vice-Chancellor for International Affairs at Tehran University of Medical Sciences (TUMS) on June 22, 2024. The visit aimed at exploring collaborative opportunities and initiatives in the realm of international education and student services.

The visit commenced with a series of high-level meetings held in Building No. 2, where Dr. Biparva engaged with the Vice-Dean for Educational Affairs and the Vice-Dean for Student and Cultural Affairs. Over the course of three hours, the discussions focused on addressing strategic issues pertaining to AJUMS and identifying avenues for enhancing the quality and scope of international academic exchanges and programs.

Further, in Building No. 1, in-depth sessions were conducted with key departments, including the Offices of Admission, Visa and Consular Affairs, Marketing, and Registrations. These discussions, which spanned four hours, centered on refining international student services, improving recruitment strategies, and enhancing operational procedures for academic exchanges and student mobility programs.

Dr. Biparva expressed deep appreciation for the warm reception and constructive dialogue facilitated by Prof. Ayati, the Vice-Chancellor for International Affairs at TUMS. Acknowledgement was also given to Dr. Shabani for his steadfast support in fostering inter-institutional cooperation.

The visit concluded with a commitment to developing a comprehensive action plan based on the day's discussions. Both AJUMS and TUMS will work collaboratively to implement the proposed initiatives, with the shared goal of enriching the academic experience for international students and strengthening ties between the two institutions.

AJUMS Director Visits Shiraz

University of Medical Sciences

On August 18, 2024, Dr. Somayeh Biparva, Director of International Affairs at Ahvaz Jundishapur University of Medical Sciences (AJUMS), visited Dr. Seraj, Vice-Chancellor of International Affairs, and Dr. Nasiri, Supervisor of Educational Affairs for International Students at Shiraz University of Medical Sciences (SUMS) in Shiraz.



This visit was a pivotal step in strengthening the relationship between AJUMS and SUMS, one of Iran's leading medical education institutions. The discussion focused on utilizing SUMS' extensive experience to enhance internationalization practices at AJUMS.

Dr. Biparva and her team extended their appreciation to Dr. Seraj and his team for their valuable insights and warm hospitality.

AJUMS International Affairs Team

Visits Ministry of Foreign Affairs

On July 8, Dr. Somayeh Biparva, Director of International Affairs at Ahvaz Jundishapur University of Medical Sciences (AJUMS), along with her team of supervisors, Prof. Faraji Supervisor of Cultural and Student Affairs and Dr. Tahmasebi, Supervisor of International Cooperation and Development, and Mr. Ivaz, the executive manager, visited the Ministry of Foreign Affairs. This visit was a crucial step toward enhancing the university's international academic relations.

During the visit, the team engaged in productive discussions aimed at fostering collaborative initiatives. The focus was on bridging gaps, sharing knowledge, and achieving significant academic milestones on a global scale. AJUMS expressed sincere gratitude to Mr. Hamoudi and Mr.



Salehi for their time, attention, and anticipated future cooperation. Their support is invaluable to the success of these initiatives, and the university looks forward to the promising opportunities this partnership will bring.

AJUMS Hosts Strategic Sessions to Enhance Educational Standards for International Students

Ahvaz, September 2024

The Office of International Affairs at Ahvaz Jundishapur University of Medical Sciences (AJUMS) recently held a series of strategic sessions aimed at elevating the quality of education for international students. The sessions focused on implementing key decisions to ensure that students are well-prepared to meet global challenges in healthcare and medical sciences.



The discussions were attended by prominent university leaders, including Prof. Askarpour, AJUMS Academic Vice President, and Dr. Torabizade, Dean of the School of Medicine, along with their respective teams. Together, they engaged in detailed planning to shape a comprehensive educational framework that addresses the unique needs of international students. These efforts reflect AJUMS's commitment to providing high-quality education and fostering a globally competitive learning environment. The university continues to prioritize academic excellence to ensure that students receive the best possible preparation for their future careers in a rapidly evolving global landscape.

We would also like to extend our heartfelt appreciation to Prof. Askarpur and Dr Torabi zadeh, Dr. Zare, Head of University Educational Affairs, and Dr. Hosseini, Deputy of Educational Affairs at the School of Medicine, for their continuous support and invaluable contributions to enhancing the educational experience at AJUMS. Their leadership has been instrumental in driving these strategic initiatives forward.

AMEE 2024 International Conference on Innovations in Medical Education Held Virtually



The Annual Meeting of the Association for Medical Education in Europe (AMEE) 2024 took place from August 24th to August 28th, bringing together educators, researchers, and healthcare professionals from across the globe. This prestigious event, focused on the latest trends in medical education, was virtually broadcasted by the AJUMS Educational Development Center (EDC) under the leadership of Supervisor of EDC Dr. Ahmadi. The three-day event served as a vibrant hub for innovation and knowledge exchange. Special thanks were extended to Dr. Doolat Abadi from AJUMS International College for providing translation services, which ensured that the event was accessible to a diverse audience.

The Importance of Breastfeeding

for Infant and Maternal Health



Prepared by Prof. Parvin Abedi
Professor of Nutritional Sciences
School of Nursing and Midwifery

Breastfeeding is one of the most effective ways to ensure child health and survival. However, despite WHO recommendations, fewer than half of infants under 6 months old are exclusively breastfed. A systematic review showed that the prevalence of exclusive breastfeeding (breastfeeding from birth up to 6 months) in Iran is 49%, and women who underwent cesarean sections were less likely to exclusively breastfeed.

Breastfeeding is one of the most effective ways to ensure child health and survival. However, despite WHO recommendations, fewer than half of infants under 6 months old are exclusively breastfed. A systematic review showed that the prevalence of exclusive breastfeeding (breastfeeding from birth up to 6 months) in Iran is 49%, and women who underwent cesarean sections were less likely to exclusively breastfeed

Benefits of Breastfeeding for Infants

Breast milk is the ideal food for infants. It is safe, clean, and contains antibodies that help protect against many common childhood illnesses. Breast milk provides all the energy and nutrients an infant needs for the first few months of life. It continues to meet up to half or more of a child's nutritional needs during the second half of the first year, and up to one third during the second year of life.

Breastfed children tend to perform better on intelligence tests, are less likely to be overweight or obese, and have a reduced risk of developing diabetes later in life. Women who breastfeed also experience a lower risk of breast and ovarian cancers.

Breast milk contains everything a baby needs for the first 6 months of life, in the right proportions. Its composition even changes to meet the baby's evolving needs, particularly during the first month of life.

Breast milk is rich in antibodies that help protect babies from viruses and bacteria, which is especially important during the early, vulnerable months. In the first few days after birth, the breasts produce a thick, yellowish fluid called colostrum. This "first milk" is high in protein, low in sugar, and packed with beneficial compounds. Colostrum is irreplaceable by formula, as it supports the development of the newborn's immature digestive tract.

As the baby's stomach grows, the breasts begin to produce larger quantities of milk. Breastfeeding may reduce the risk of various diseases, including middle ear infections, respiratory tract infections, colds, gastrointestinal infections, intestinal tissue damage, sudden infant death syndrome, allergic diseases, bowel diseases, diabetes, and childhood leukemia.

Benefits of Breastfeeding for Mothers

Breastfeeding also benefits mothers in several ways. Mothers who breastfeed tend to lose more weight than those who formula-feed their infants. It helps the uterus contract, stimulated by the secretion of oxytocin, which aids in recovery after birth. Additionally, breastfeeding lowers the risk of postpartum depression.

Long-term, breastfeeding provides protection against breast cancer, ovarian cancer, and several other diseases. Continued breastfeeding can also delay the return of ovulation and menstruation, acting as a natural, although not entirely reliable, form of birth control.

Breastfeeding is time-efficient and cost-effective, as it eliminates the need for formula preparation and purchase.

Support from Health Care Providers

Health care providers, such as midwives in public health centers, offer valuable information about breastfeeding during pregnancy and the postpartum period. They guide women on how to determine if their breast milk supply is sufficient, how to recognize and manage nipple and breast problems, and how to alleviate those issues.

References





AJUMS International College:

Mission, Vision, and Aims



The International College at Ahvaz Jundishapur University of Medical Sciences is pleased to announce the launch of German and French language courses in addition to our ongoing English language programs.

Dr. Tazik, the Head of AJUMS International College, emphasized the significance of these language courses, stating, "adding more language courses is important for creating a more inclusive and diverse academic community. Being proficient in different languages helps improve communication and opens up new opportunities for research, collaboration, and international connections."

Furthermore, registration is now open for MHLE exam preparation course, designed to help students achieve success in their upcoming exam.

We are also excited to host the third Persian Proficiency Exam, which took place on June 21, 2024. This exam assesses students' readiness and competence in the Persian language.



USERN AJUMS Workshop Activities

The Universal Scientific Education and Research Network (USERN) AJUMS office recently organized a series of virtual workshops, focusing on enhancing academic and research skills. These workshops, designed to accommodate participants from various locations, covered essential topics such as research techniques, proposal and thesis writing, article writing, and referencing with EndNote.



Database Search Workshop (August 3rd):

Led by Dr. Ehsan Beigzadeh, this workshop focused on improving participants' skills in navigating and utilizing research databases effectively.

Original Article Writing Workshop (August 24th):

Dr. Mahmoud Gharbavi's workshop provided insights into writing original research articles, focusing on presenting unique perspectives and ideas.

Research Techniques Workshop (August 10th):

Dr. Samireh Ghafouri guided participants through various research strategies and methodologies for addressing scientific questions.

Thesis Writing Workshop (August 28th):

Led by Dr. Mahdi Bijanzadeh, this session focused on organizing and presenting academic theses for publication or defense.

Proposal Writing Workshop (August 14th):

Conducted by Dr. Niloofar Nisi, this session helped attendees learn how to structure and present effective research proposals.

Review Article Writing Workshop (August 31st):

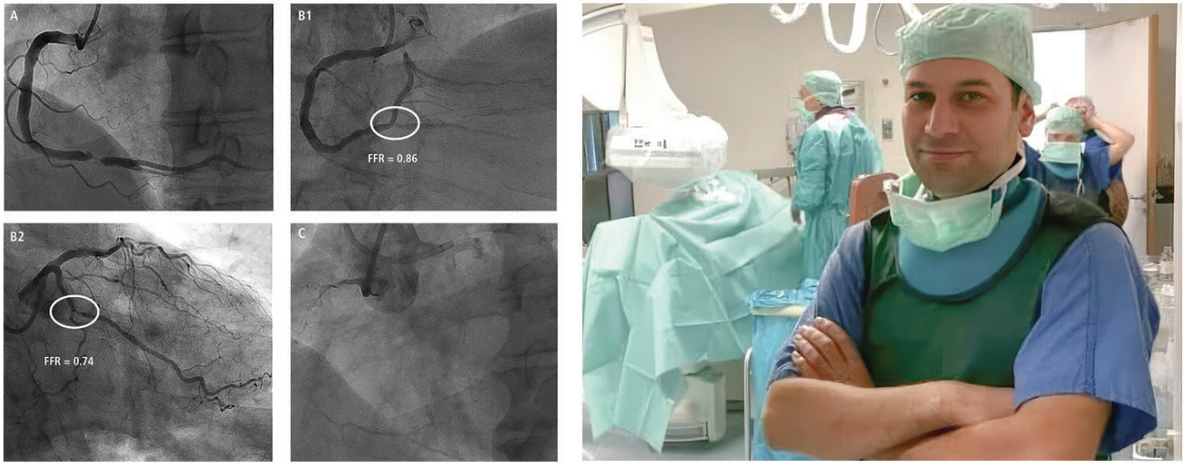
Dr. Kowsar Bavarsad conducted this session, offering strategies for analyzing and writing comprehensive review articles on scientific literature.

Referencing with EndNote Workshop (September 7th):

Dr. Ehsan Beigzadeh led this workshop, teaching participants how to use EndNote software for efficient referencing in academic work.

These workshops demonstrated USERN's commitment to fostering continuous education and skill development among researchers and academicians. By offering diverse workshops in virtual formats, USERN AJUMS promotes inclusive learning and equips participants with essential tools for academic success, influencing future research projects and outcomes.

Breakthrough in Retrograde Coronary Angioplasty Procedures at AJUMS



Retrograde Coronary Angioplasty represents a significant advancement in the treatment of complex coronary artery disease, particularly for patients with chronic total occlusions. While this technique requires substantial expertise and carries a higher risk of complications, it offers the potential for successful revascularization in cases where conventional methods have failed, ultimately improving patient outcomes in a challenging subset of coronary interventions.

Fortunately, Jundishapour University is one of the centers that specialize in this advanced procedure.

Habib Haybar, Professor of Interventional Cardiology



Scan for
More Information

Ahvaz Joins Centers Performing Laparoscopic Colorectal Surgery



Dr. Armin Mohammadi
Assistant Professor of Surgery
Department of General Surgery, School of Medicine

ISNA/Khuzestan—Imam Khomeini (RA) Hospital in Ahvaz has emerged as one of the few centers in Iran successfully offering laparoscopic colorectal surgery, recently achieving a significant milestone with the completion of laparoscopic colectomy for colorectal cancer patients.

Dr. Armin Mohammadi, a fellow in colorectal surgery, explained at a press conference that this innovative approach employs small abdominal incisions and advanced instrumentation. This technique provides substantial advantages over traditional surgery, including reduced pain, shorter hospital stays, faster recovery, and minimized risks of complications such as embolism and bowel obstruction.

Dr. Mohammadi emphasized that this advancement enables patients to return to their normal lives more quickly while decreasing the likelihood of surgical complications. By establishing this capability, Imam Khomeini (RA) Hospital allows patients in Khuzestan to access advanced surgical care locally.

Recently, four patients diagnosed with rectal and colon cancers underwent successful treatment and have since been discharged. Given that colorectal cancer is the third most common cancer worldwide and in Iran, early diagnosis and intervention are essential. The ability to perform these surgeries in Ahvaz holds promise for a brighter future for patients in the province.

Dr. Mohammadi also expressed gratitude to Ahvaz University of Medical Sciences for its support in enhancing the expertise of medical staff. The university, through Imam Khomeini (RA) Hospital, is one of the few institutions in the country to offer a colorectal surgery fellowship in Khuzestan.

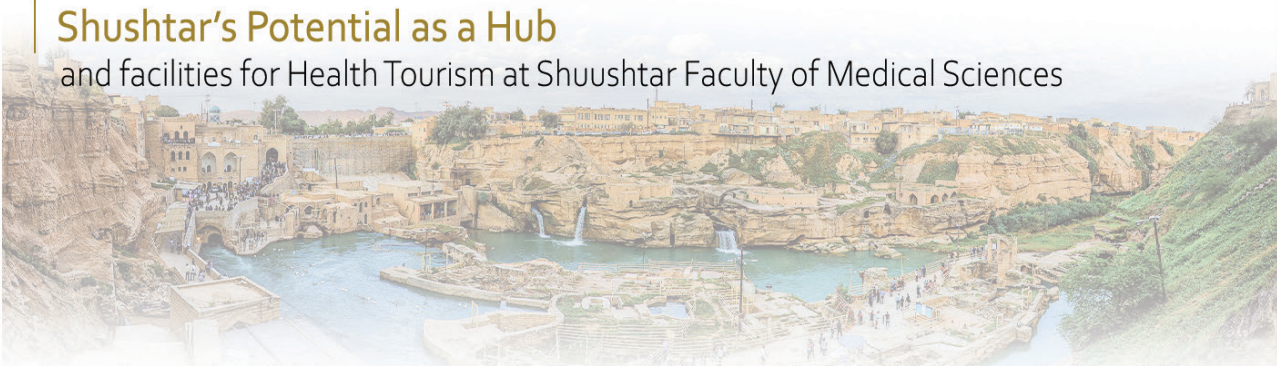
AJUMS Student Research Committee Achieves Top Ranking Among Iranian Universities

The Student Research Committee of Ahvaz JundiShapur University of Medical Sciences won the top position and five stars among all universities in the country for the second consecutive year.



Shushtar's Potential as a Hub

and facilities for Health Tourism at Shuusstar Faculty of Medical Sciences



According to the Webda news site of the Shoushtar Faculty of Medical Sciences, Dr. Seyed Ali Mard, Dean of the Faculty, emphasized that health tourism is a lucrative industry. Investing in the medical sector presents numerous opportunities, including significant growth in foreign exchange earnings.

In addition to the advantages of medical tourism—such as the affordability of medical equipment and services, the presence of highly qualified doctors, and a wealth of historical attractions—there are also opportunities for healthcare marketing. The private sector can play a crucial role in developing the medical tourism industry in the city of Shoushtar



First National Assembly of the Asian Medical Students' Association (AMSA)



The first National Assembly of the Asian Medical Students' Association (AMSA) was hosted by the Iran University of Medical Sciences on August 18th. Representing Ahvaz Jundishapur University of Medical Sciences (AJUMS) at the event were Dr. Ghafouri Supervisor of AJUMS USERN, Dr. Bavarsad supervisor of AJUMS student Research Committee, and Ms. Helia Lak. Dr. Mehdi Moqtaddaei, Vice President for International Affairs, emphasized the importance of internationalization for Iranian universities and celebrated Iran's membership in AMSA after two and a half years of dedicated effort. He encouraged other universities to engage with AMSA as a means of fostering global collaboration.

Dr. Masoud Maleki further elaborated on the necessity of internationalization, describing it as crucial for the survival of universities in a global context. He made a distinction between globalization and internationalization, stressing that AMSA's activities prioritize student involvement.

During the assembly, Amir Hossein Bazdar, Secretary of AMSA Iran, reviewed the association's activities. The election for national team positions took place on August 29th, where Ms. Manzari Zadeh from AJUMS was elected General Treasurer for AMSA Iran's 2024-2025 term. The overarching aim of AMSA is to create a global network of medical students to enhance academic and humanitarian skills for future healthcare professionals.

Final result for august 2024 Comprehensive

Basic Sciences Examination Released

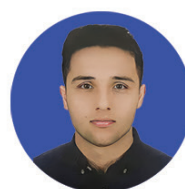
On August 29, the basic science exam was held, with 17 international students participating. This exam serves as a foundational assessment for students in the medical and health sciences disciplines, evaluating their understanding of essential scientific principles that underpin physiopathology. Out of the 17 students, 11 were able to pass the exam and move on to the physiopathology stage. AJUMS would like to congratulate these students on their achievements and wishes them continued success in the physiopathology stage and beyond.



Zaytoon Abdulwahid Ismael
Medicine,2021



Sardar huzaifa Mehmood khan
Medicine,2022



Ahmed mohemed ferhan
Medicine,2021



Syed Ali Ahmad Bukhari
Medicine,2021



Mohammed Ameen A. Shawkat
Medicine,2021



Wadullah Thamer Abbas
Medicine,2021



Maher rashid qader
Medicine,2021



Shanya Ahmed Mohammed
Medicine,2021



Shahad aqeel aloweushi
Medicine,2022



Masroor Younis Abdullah Zebari
Dentistry,2021

Ahvaz Jundishapur University



Ahvaz Jundishapur University ranks among the top ten universities in Iran and holds the 1,737th position globally. The university began its journey toward internationalization in 2020 by admitting two international students at the master's and PhD levels. In the same year, the first cohort of medical and dental students from Pakistan and Iraq, totaling 40 students, was welcomed.

Over the past four years, the number of international students has exceeded 400. Admissions to the MBBS program have grown from 38 to 102 students, and the number of postgraduate students has increased to 30 across various basic and clinical sciences programs.

In 2023, the university introduced winter semester admissions, with pharmacy, anesthesiology, and laboratory sciences being the most popular programs. Additionally, the first orthodontics specialist student was admitted in the same year.

To access the list of programs and their capacities, please scan the QR code below.



| Ibn Sina(Aviccena)

A Polymath of the Islamic Golden Age

Ibn Sina, also known as Avicenna, was a prominent Persian physician, philosopher, astronomer, and mathematician during the Islamic Golden Age (9th-15th centuries). Born in Bukhara (modern-day Uzbekistan) in 980 CE, he made groundbreaking contributions across multiple fields of knowledge.

Early Life and Education

Ibn Sina's father, an Ismaili scholar, ensured that he received a comprehensive education in philosophy, medicine, astronomy, and mathematics. Influenced by the works of Aristotle and Plato, Ibn Sina developed a profound understanding of both Greek and Islamic thought.

Medical Career

Ibn Sina is best known for his contributions to medicine, particularly through his seminal work, *The Canon of Medicine*, which became a standard text in European medical schools for centuries. This work addressed topics such as anatomy, physiology, pharmacology, and therapeutics. His medical approach combined empirical observation with philosophical reasoning, emphasizing accurate diagnosis, holistic healthcare, and effective treatment.

Philosophical Works

As a prolific philosopher, Ibn Sina wrote extensively on subjects such as logic, metaphysics, and ethics. His most influential philosophical work, *Kitab al-Shifa (The Book of Healing)*, is a comprehensive encyclopedia that covers a wide range of topics. His ideas seamlessly blended Greek philosophy with Islamic thought, significantly shaping the development of Islamic philosophy.

Other Contributions

In addition to his work in medicine and philosophy, Ibn Sina made notable contributions to astronomy and mathematics, developing new methods for calculating astronomical phenomena.

Legacy

Ibn Sina's impact endures today. His medical and philosophical works were translated into Latin and studied widely in Europe, influencing both Western medicine and philosophy. Regarded as one of the greatest polymaths of the Islamic Golden Age, his contributions continue to be respected and studied.

On this special occasion of Doctor's Day, which coincides with the birthday of the great Persian polymath Ibn Sina (Avicenna), AJUMS International Affairs (AJUMSIA) extends heartfelt congratulations to all doctors, especially those in the Ahvaz Jundishapur University of Medical Sciences (AJUMS) community.

Legacy of Muhammad bin Zakariya al-Razi:

Contributions to Medicine

Muhammad bin Zakariyyā' al-Rāzī (865-925 AD) was a pivotal figure in the Islamic Golden Age, recognized as a preeminent Iranian physician, alchemist, and philosopher. Born in Rey, Al-Razi initially focused on alchemy but later turned to medicine, influenced by a personal eye ailment. His extensive contributions to medicine earned him the title of one of the greatest clinical physicians of his time, so much so that historian George Sarton referred to the latter half of the third Hijri century as the "Era of Muhammad bin Zakariyyā' al-Rāzī."

Al-Razi served as the head of hospitals in both Rey and Baghdad, where his compassionate approach to patient care enhanced his reputation. He authored several influential medical texts, including *Al-Hawi*, *Al-Tib al-Mulūki*, and *Al-Mansuri*. His treatise on smallpox and measles, *Al-Judari wa al-Hasbah*, was especially respected in Europe and significantly impacted the field of medicine.

In addition to his medical achievements, Al-Razi made substantial contributions to pharmacology, including the discovery and purification of alcohol, pioneering its medicinal applications, and developing treatments involving sulfuric acid and zinc for eye conditions. His work in alchemy is equally notable; in texts like *Kitab al-Asrar* and *Sirr al-Asrar*, he categorized matter into plant, animal, and mineral origins, laying foundational concepts for organic and inorganic chemistry. He also invented key laboratory instruments that remain in use today.

Al-Razi's legacy is commemorated in Iran, where his death anniversary is observed as the "National Day of Pharmacy," celebrating his groundbreaking contributions to medicine, pharmacy, and chemistry. His work continues to influence contemporary science and medicine, reflecting the enduring impact of his scholarship and innovations.



Celebrating Doctor's Day with Gratitude and Respect

Dear Esteemed Clinical Departments,

On behalf of AJUMS Office of International Affairs, I extend my heartfelt congratulations on Doctor's Day. Your unwavering dedication, compassion, and commitment to patient care are truly inspiring. Your efforts have a profound impact on the health and well-being of our communities, and we are honored to work alongside such exceptional professionals.

We are grateful for your leadership and commitment to advancing healthcare, and we look forward to continued collaboration in the pursuit of excellence within our university.

Warmest regards,
Dr. Somayeh Biparva
Director of AJUMS International Affairs



Warmest Wishes on Pharmacist's Day

Dear Respected Directors of the Department of Pharmacy,

The AJUMS Office of International Affairs is delighted to celebrate you on Pharmacist's Day. Your expertise, precision, and dedication to the field of pharmacy play a crucial role in advancing healthcare and enhancing patient outcomes. We deeply appreciate your contributions to both education and patient safety, as well as your unwavering commitment to innovation in pharmacy practice.

Thank you for your invaluable role in our university, and we look forward to further achievements.

Sincerely,
Dr. Somayeh Biparva
Director of AJUMS International Affairs

Scientific Promotion of AJUMSIA Supervisors



With great pleasure, we extend our congratulations to Dr. Faraji and Dr. Ghafouri on their recent academic promotions. Dr. Faraji has been promoted to Full Professor, and Dr. Ghafouri to Associate Professor. Their outstanding contributions to Student and Cultural Affairs, University Ranking, and USERN have significantly enhanced the university's standing. We wish them continued success in their new roles.

Employee Appreciation Day and Government Week Celebrations at AJUMS International Affairs

In celebration of Employee Appreciation Day and Government Week, Dr. Somayeh Biparva, Director of International Affairs at Ahvaz Jundishapur University of Medical Sciences (AJUMS), extended heartfelt thanks to the dedicated team members of the International Affairs Department. Dr. Biparva acknowledged their hard work, commitment, and invaluable contributions, which have significantly advanced the university's goals and strengthened international partnerships. In her message, Dr. Biparva expressed deep gratitude for their continued excellence and dedication. She wished the team ongoing success and fulfillment in their important roles, recognizing their critical role in the department's achievements.





Dispatch of 120 Iranian and International Students to Arbaeen Pilgrimage / Establishment of 2 Medical Stations at Chazabeh and Karbala

During his visit to the Shahid Ali Hashemi Clinic at the Chazabeh Border Terminal, Dr. Bijanzadeh announced the dispatch of 120 Iranian and international students from the university's International Division to the Arbaeen Pilgrimage on August 17th and 18th. The group included separate caravans for men and women.

Dr. Bijanzadeh, Deputy of Cultural and Student Affairs, noted that this year's camp was unique due to the participation of international students. He expressed hope that students would fully benefit from the spiritual experience.

He further explained that the organization of student caravans was entrusted to the Student Basij, with support from various university and religious bodies. Additionally, the Student Basij, in cooperation with the Jihadi Organization, has established medical stations at the Chazabeh border and in Karbala to serve Arbaeen pilgrims.



AJUMS Highly Cited researchers According to ESI (ESI Top 1%)



Dr. Mehdi Ahmadi Moqadam

A professor in environmental health engineering, also ranked among the top 1% of highly cited scientists. His research focuses on wastewater treatment and pollution control, with over 200 published papers. He has also supervised numerous theses and led over 20 industrial projects.



Dr. Gholamreza Goudarzi

among the world's top 1% of researchers, specializes in environmental health, focusing on air pollution, climate change, dust storms, and industrial emissions, particularly from oil and gas sectors. He holds a BS from Shiraz University of Medical Sciences and a PhD from Tehran University of Medical Sciences. Dr. Goudarzi has served as a visiting professor at major U.S. universities and, in 2023-2024, consulted for the WHO to align air quality standards in the Eastern Mediterranean Region with WHO guidelines. His latest research explores the cellular impact of particulate matter on respiratory health.



Dr. Morteza Abdullatif Khafae

An internationally recognized expert in health sciences, focusing on the effects of air pollution on diabetes. He ranks in the top 1% of cited scientists worldwide and has held prominent roles in public health and international research. His work has had a significant influence on shaping public health research and policy.



Dr. Ali Akbar Babaei

Promoted to Professor in Environmental Health Engineering, he has supervised over 40 theses and published more than 130 articles. Recognized as a top 1% cited scientist since 1402 by Clarivate Analytics, his work focuses on environmental pollutant control.



Dr. Mohammad Esmail Motlagh

a Full Professor at Ahvaz Jundishapur University of Medical Sciences, is a globally ranked scientist and award-winning researcher in pediatric medicine and growth, development, and nutrition. He holds a Doctor of Medicine from Tehran University of Medical Sciences and completed a pediatric specialty in Ahvaz, along with fellowships in the Netherlands and Bangladesh. Over his extensive career, Dr. Motlagh has held significant roles, including Head of the Supreme Council for Health and Food Security, Advisor to the Ministry of Health, and President of multiple medical universities. His contributions span critical health administration and relief efforts, including leadership during the Sacred Defense era.



Dr. Mahdi Sayyah

A psychiatrist with a strong background in medical ethics and education, known for innovative research in OCD and addiction treatment. His studies on herbal drugs and medications like Ondansetron and Aripiprazole have been highlighted in major psychiatric textbooks, making significant contributions to the field of psychiatry



Dr. Hosein Safari

A neurosurgeon with over a decade of experience, specializing in microvascular surgery, skull base surgery, brain tumors, and endoscopic procedures. He has successfully treated over 100 cases of intracranial aneurysms and has expertise in complex conditions like myelomeningocele and craniosynostosis.

| The Dezful Reed Pen

A Unique and Endangered Craft

The Dezful reed pen, a renowned calligraphy tool, is cherished for its exceptional qualities, including durability, smooth writing, and its ability to absorb ink without losing shape. Despite its limited cultivation, it supplies a significant portion of the global reed pen market. The production process is intricate and time-consuming, requiring specialized knowledge that has been passed down through generations. Dezful reeds are cultivated in a specific region, and even experienced craftsmen have struggled to replicate their unique qualities elsewhere. Beyond its physical attributes, the Dezful reed pen holds substantial cultural significance. It has been used by esteemed calligraphers for centuries and is regarded as a national treasure. However, declining cultivation areas and the loss of traditional craftsmanship threaten its future. Efforts to preserve and promote the Dezful reed pen include registering it as a national heritage item, expanding cultivation areas, and raising awareness of its unique qualities. Despite these challenges, the Dezful reed pen remains a highly sought-after and valuable product.



AJUMS Persian Handwriting Competition

Ahvaz Jundishapur University of Medical Sciences (AJUMS) held its first Persian Handwriting Competition, and the result was announced. Amer Zeinolabedin emerged as the winner with his exceptional penmanship, which stood out among numerous impressive submissions. The competition, which had seen active participation from international students, was a notable success. Organizers expressed their gratitude to all participants and supporters, emphasizing the event's wide appeal and engagement. Special recognition was given to Ms. Makvandi, a master's student in Toxinology at AJUMS, who served as the referee. Her expertise in Persian handwriting played a crucial role in ensuring a fair and thorough judging process. AJUMS appreciated everyone who contributed to the success of the event and looked forward to hosting more competitions in the future.



The Winners of the 2024 Photography Competition Announced by AJUMS International Affairs

The International Affairs Office of Ahvaz Jundishapur University of Medical Sciences (AJUMS), in collaboration with EducationIRAN, organized a photography competition in celebration of World Photography Day (August 19, 2024). The competition was open to international students currently studying in Iran, with a free-choice theme.

More than 80 photos were submitted by international students from various countries, including India, Pakistan, and Iraq. After careful review by the competition's panel of judges, 8 outstanding photographs were selected, and the top winners were recognized and honored.

In the following pages of this journal, you can see the winning photographs along with the affiliations of their talented creators.

AJUMSIA PHOTOGRAPHY COMPETITION

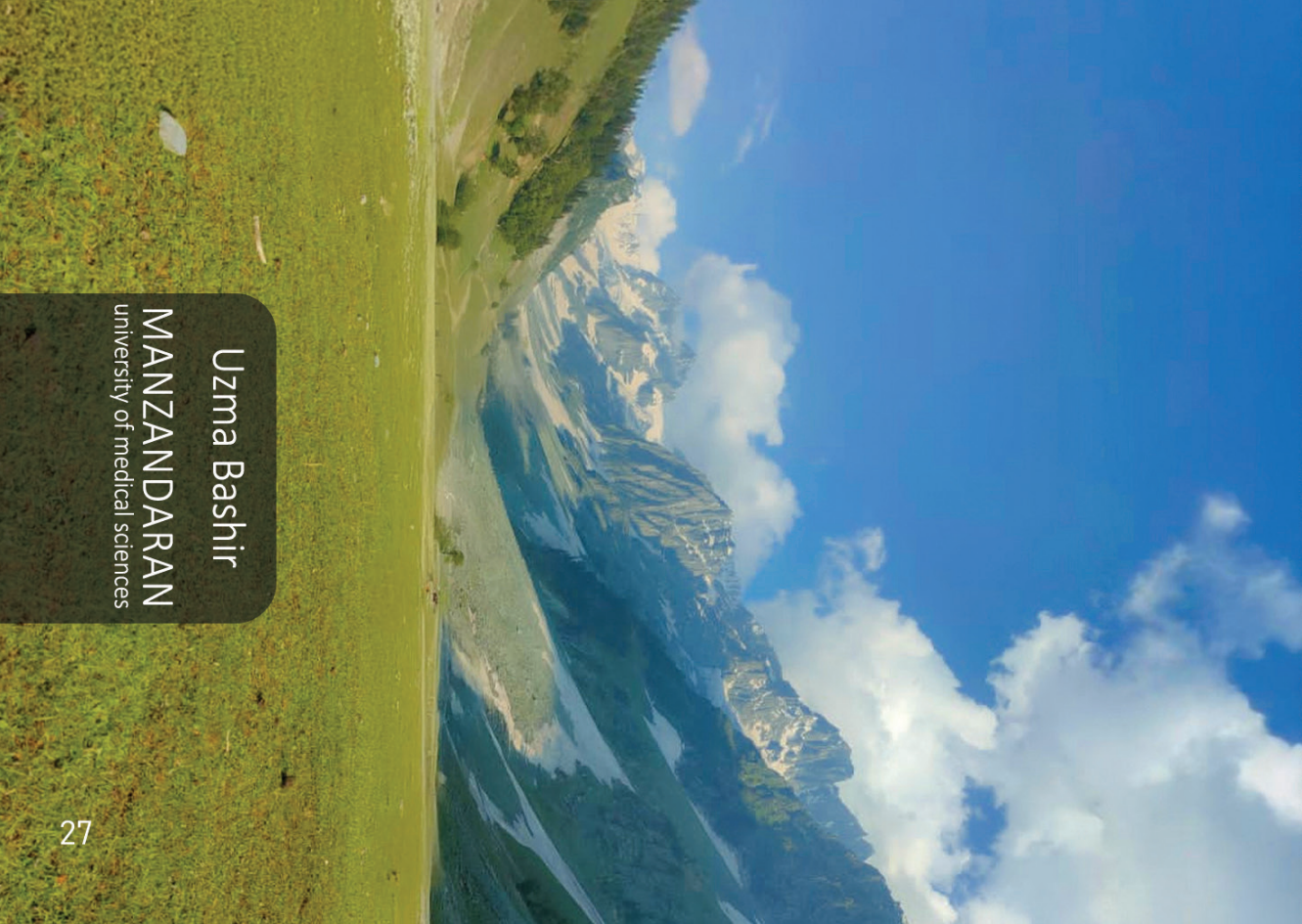




Meik Huzalf

URMIA

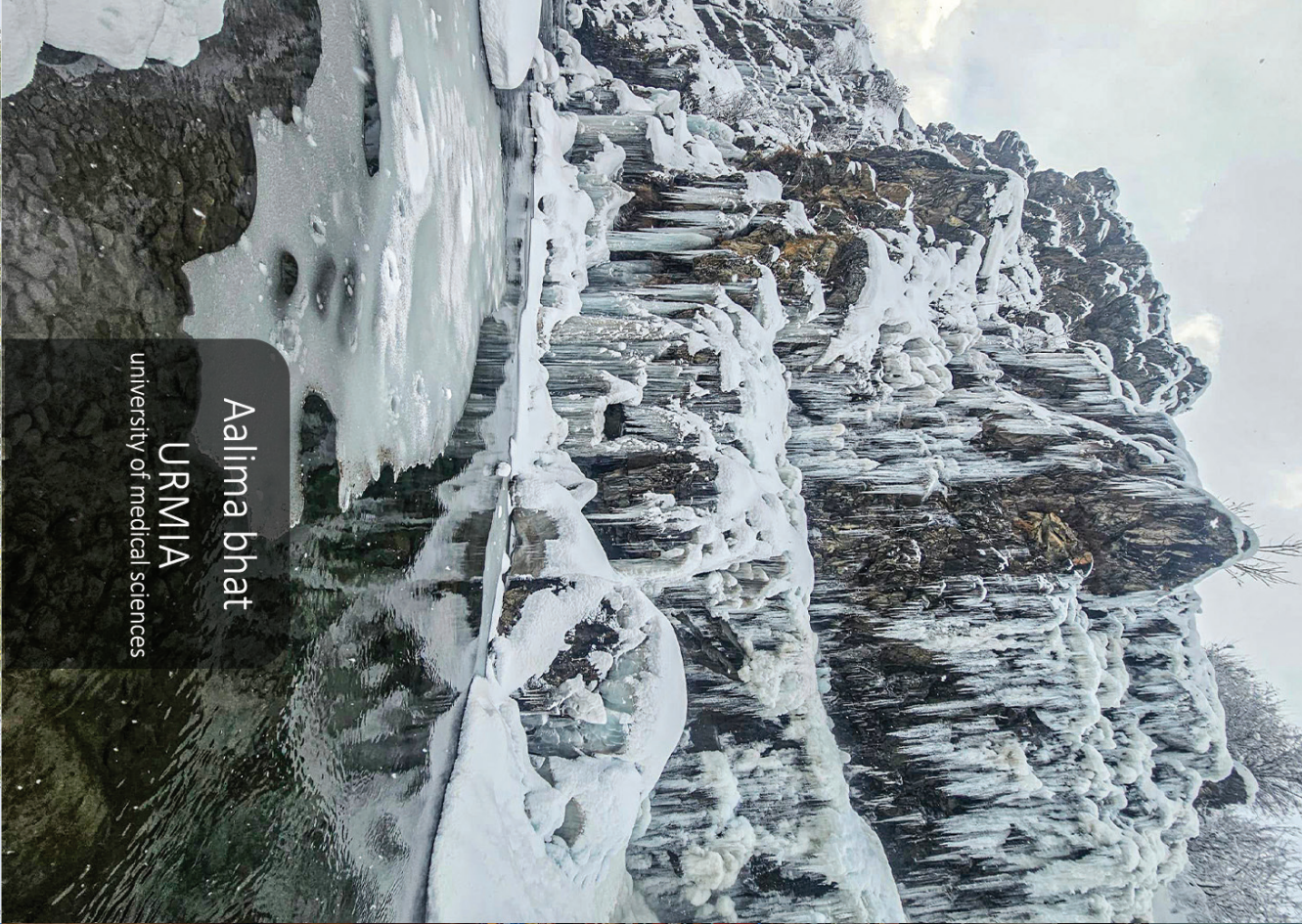
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Uzma Bashir

MANZANDARAN

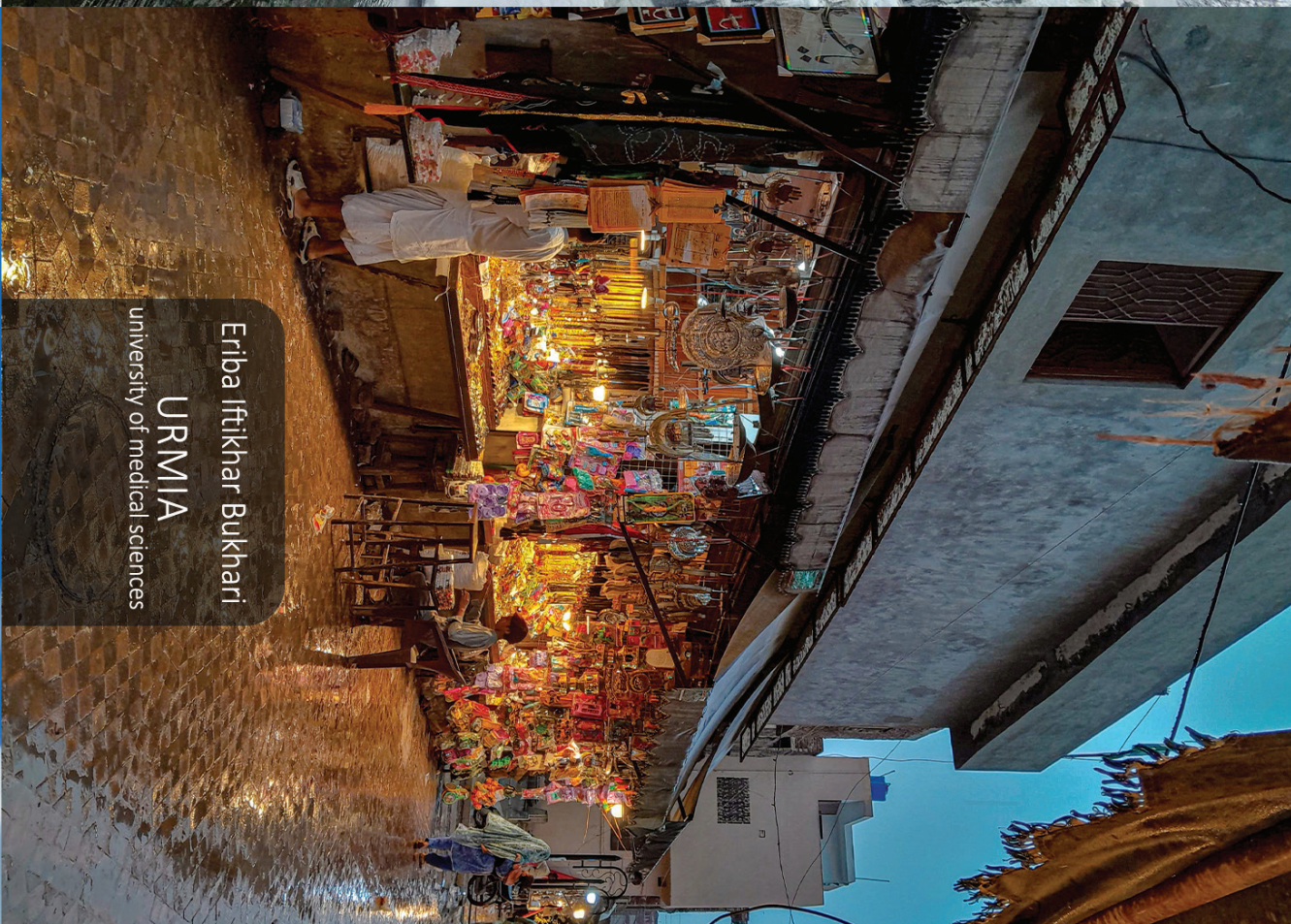
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Aalima bhat

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Eriba Iftikhar Bukhari

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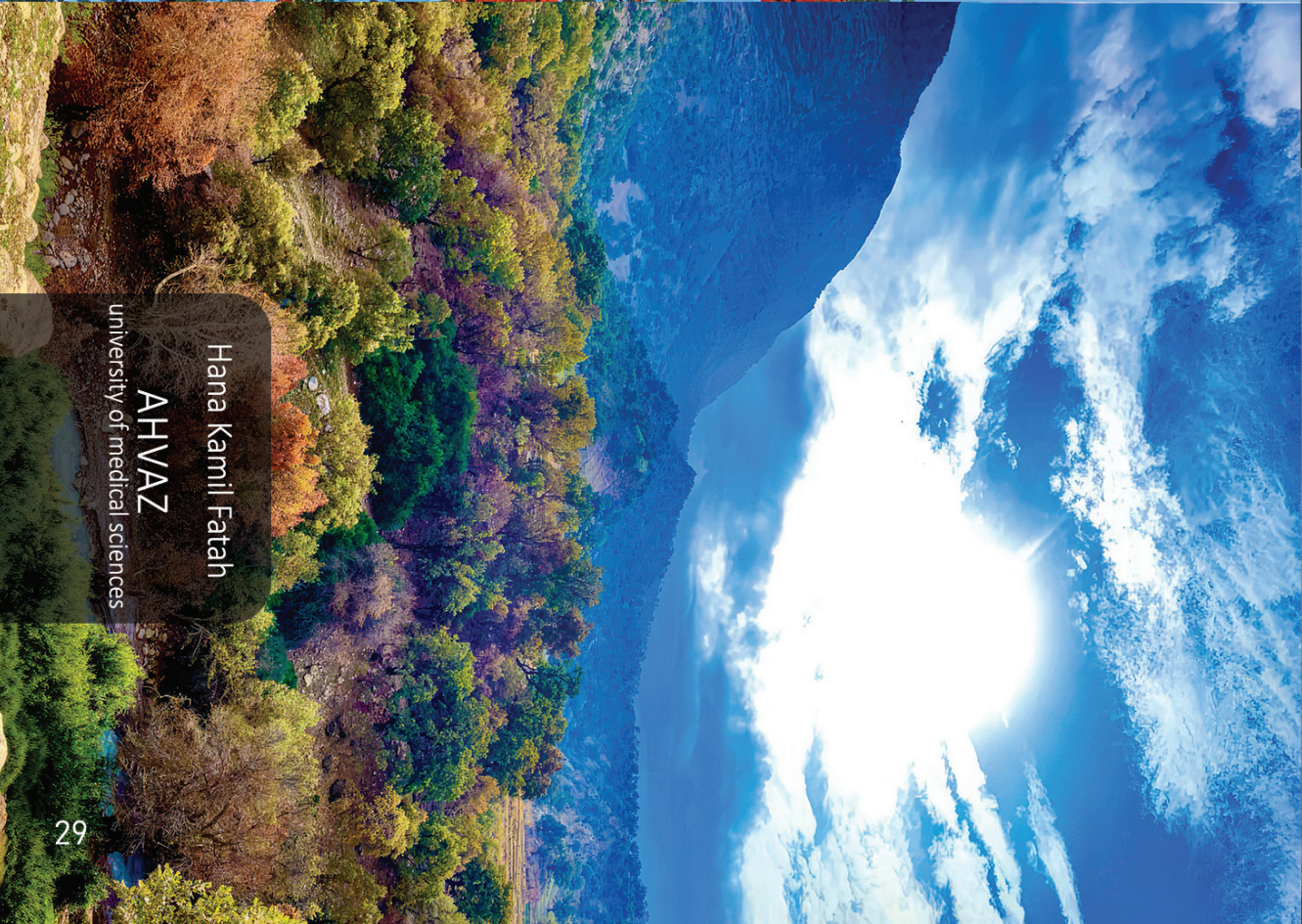
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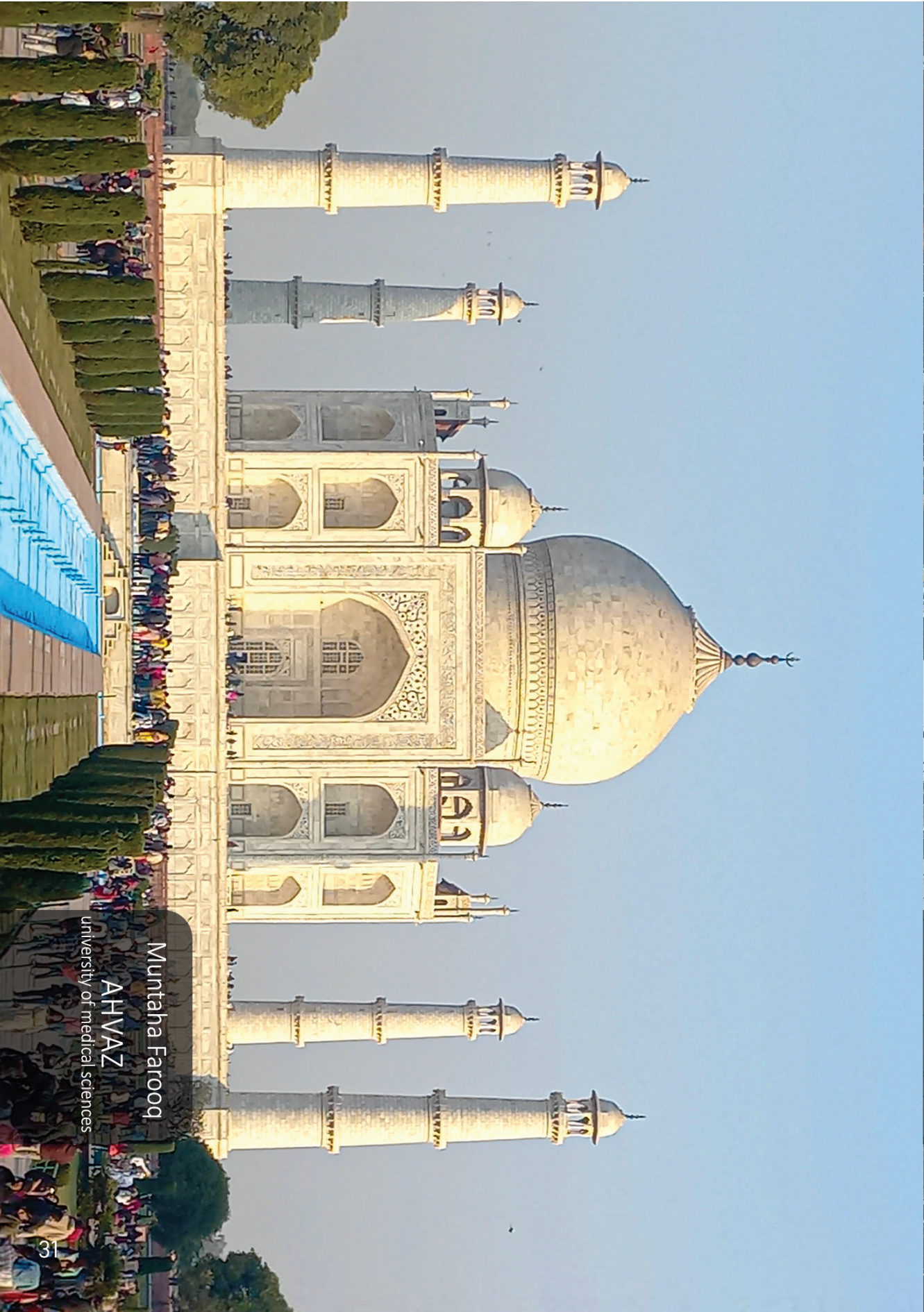
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Rasan haji

AHVAZ

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Tribute to Shahriar:

Celebrating Persian Literature and Art

Seyyed Mohammad Hossein Behjat Tabrizi (January 2, 1906 – September 18, 1988), widely known by his pen name Shahriar, was a celebrated Iranian Azerbaijani poet who wrote in both Azerbaijani and Persian. His most famous work, *Heydar Babaya Salam*, is considered a masterpiece of Azerbaijani literature and has gained immense popularity throughout the Turkic world, being translated into more than 30 languages.

He passed away on September 18, 1988, in a hospital in Tehran. His body was transferred to Tabriz, where he was buried in Maqbarato Sho'ara (The Tomb of Poets). His death anniversary is commemorated as the "National Day of Poetry" in Iran.

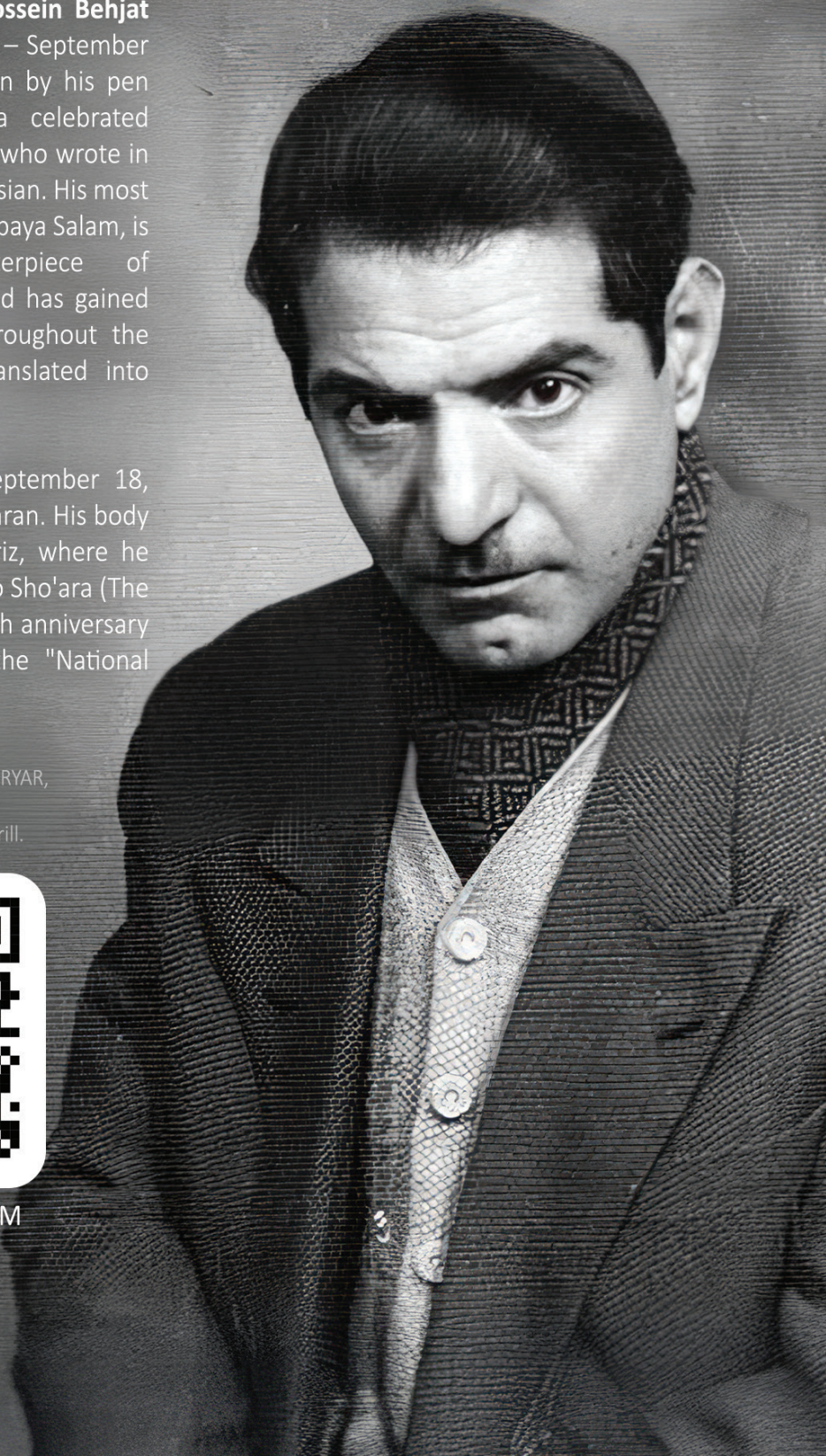
Reference

Ābedi, Kamyār (2015). "SHAHRİYAR, MOHAMMAD HOSAYN."

Encyclopaedia Iranica Online. Brill.



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Chogha Zanbil (also spelled Tchoga Zanbil and Čogā Zanbīl) (Persian: چغازنبیل; Elamite: Al Untas Napirisa, later known as Dur Untash) is an ancient Elamite complex located in Khuzestan Province, Iran. It is one of the few surviving ziggurats outside Mesopotamia. Situated approximately 30 km (19 miles) southeast of Susa and 80 km (50 miles) north of Ahvaz, the construction date of the city remains uncertain due to discrepancies in the chronology of Untash-Napirisha's reign. However, it is generally believed to have been built in the 14th or 13th century BC, with a commonly accepted date of around 1250 BC. The city is thought to have been destroyed by the Neo-Assyrian ruler Ashurbanipal around 645 BC, alongside the Elamite capital of Susa. Some researchers, however, suggest that the end of occupation may have occurred in the late 12th century BC. The ziggurat of Chogha Zanbil is recognized by UNESCO as the best-preserved example of a stepped pyramidal monument. In 1979, Chogha Zanbil became the first Iranian site to be inscribed on the UNESCO World Heritage List.

