

3. GOOD HEALTH AND WELL-BEING

The on-campus health unit, staffed by a physician and nurse, provides preventive and primary care services to students, staff, and visitors. Social responsibility projects, such as KHAS110 modules in local schools, promote peer bullying awareness, emotional intelligence, and healthy habits. Faculty research addresses healthcare innovation, including AI-based digital services for MS patients and studies on optimizing hospital emergency infrastructure. Academic output includes publications on COVID-19 communication, medical supply chains, and patient safety, contributing to healthcare resilience and policy development.

3.1. Events

- Conference on Disability Rights III: Rights of the Disabled Consumer (organized in collaboration with Kadir Has University Faculty of Law and the Istanbul Bar Association Disability Rights Center) (02–03.12.2024)
- Assoc. Prof. Dr. Hamide Bahçeci, “Health and Disability Rights” (02–03.12.2024)⁴
- Faculty: Faculty of Art and Design | Unit / Center: Berlin Association of Women from Türkiye | Activity Type: Workshop | Activity Title: Gizem Aksu | Activity Date: 21.07.2023 | Summary: Body and Movement Workshop for 2nd, 3rd, and 4th Generation Women Migrants in Berlin

3.2. Projects

- TÜBİTAK 1001 – Prof. Dr. Nimet Uray
- Project Title: “Examining the Interaction of Perceived Characteristics of AI-Based (Digital) Services, Co-Creation of Value, and Continued Usage Intention: A Study on MS Patients” (Supported in the 1st term of 2023)
- Faculty: Faculty of Art and Design | Publication / Project Type: TÜBİTAK 1001 | Publication / Project Title: Determining Visual Comfort Variables in Workspaces Based on Human-Centered Lighting and Energy Performance Requirements | Project Coordinator: Prof. Dr. Banu Manav (Kadir Has University)
- Research Asst. Dr. Egemen Kaymaz (Uludağ University) | Project Date: 10/12/2023 – 10/08/2026 | Short Summary: The proposed research focuses on the structure of lighting systems used in contemporary work environments. The project will investigate visual comfort variables in today's working conditions in conjunction with the significance of the human-centered lighting design concept, using a 1:1 scale controlled experimental environment. Additionally, one of the project's objectives is to determine the energy performance level that results in optimal cost over the economic lifecycle for the proposed lighting scenarios. Within the human-centered lighting approach, the study will also assess the improvement rate of lighting energy performance achieved through the combined use of dynamic LED luminaires and lighting control strategies.

⁴https://www.instagram.com/p/DCrKdxwM44G/?img_index=1

3.3. Publications

- **Regime switching in coupled nonlinear systems: Sources, prediction, and control—Minireview and perspective on the Focus Issue**
Authors: Franović, I., Eydam, S., and Eroglu, D.
Year: 2024
- **Effective drug design screening in bacterial glycolytic enzymes via targeting alternative allosteric sites**
Authors: Türkmenoğlu, I., Kurtuluş, G., Sesal, C., Kurkcuoglu, O., Ayyildiz, M., Celiker, S., Ozhelvacı, F., Du, X., Liu, G., Arditı, M., and Akten, E.
Year: 2024
- **Mental disorder and suicidal ideation detection from social media using deep neural networks**
Authors: Ezerçeli, Ö. and Dehkharghani, R.
Year: 2024
- **The association of HLA-DRB1 alleles and MBL2 gene variant in pediatric acute lymphoblastic leukemia patients**
Authors: Oğuz, S., Şentürk-Çiftçi, H., Gökçe, M., Ögret, Y., Karadeniz, T., Pehlivan, S., Ozdılı, K., Karakaş, Z., Karaman, S., and Aydın, F.
Year: 2024
- **Folk theories of false information: A mixed-methods study in the context of Covid-19 in Türkiye**
Authors: Koçer, S., Öz, B., Okçuoğlu, G., and Tapramaz, F.
Year: 2024
- **Repurposing of known drugs from multiple libraries to identify novel and potential selective inhibitors of HDAC6 via in silico approach and molecular modeling**
Authors: Mert, N., Erdogan, B., and Yelekçi, K.
Year: 2024
- **Healthcare workers' memories in the COVID-19 pandemic: The role of visual perspective and event centrality in subjective temporal distance**
Authors: Bilgin, E. and Öner, S.
Year: 2024
- **EyeGuide & EyeConGuide: Gaze-based Visual Guides to Improve 3D Sketching Systems**
Authors: Türkmen, R., Gelmez, Z., Batmaz, A., Stuerzlinger, W., Asente, P., Sarac, M., Pfeuffer, K., and Barrera-Machuca, M.
Year: 2024
- **Continuous Glycemic Monitoring Enabled by A Wi-Fi Energy-Harvesting Wearable Sweat-Sensing Patch**
Authors: Mirlou, F., Abbasiasl, T., Mirzajani, H., Istif, E., Akhtar, M., Cakır, C., and Beker, L.
Year: 2024
- **Vertical individualism orientations and mental health stigma: the mediating role of belief in free will**
Authors: Tatar, B., Ozkok, H., Altan-Atalay, A., and Turan, B.
Year: 2024
- **Opportunities and challenges of artificial intelligence and distributed systems to improve the quality of healthcare service**
Authors: Aminizadeh, S., Heidari, A., Dehghan, M., Toumaj, S., Rezaei, M., Navimipour, N., Stroppa, F., and Unal, M.
Year: 2024

- **Synthesis of New Imidazo[1,2-a]pyridine Triazole Hybrid Molecules as Potential Apoptotic Antitumor Agents**
Authors: Albayrak Halac, F., Essiz, S., Servili, B., Altundaş, R., Onur Sucu, B., and Kulu, I.
Year: 2024
- **Multi-task learning on mental disorder detection, sentiment analysis, and emotion detection using social media posts**
Authors: Armah, C. and Dehkharghani, R.
Year: 2024
- **Editorial: Compartmental models for social interactions**
Authors: Bilge, A., Peker-Dobie, A., Severin, I., Piqueira, J., Bellingeri, M., and Prodanov, D.
Year: 2024
- **Electric vehicle selection for industrial users using an interval-valued intuitionistic fuzzy COPRAS-based model**
Authors: Faruk Görçün, Ö., Simic, V., Kundu, P., Özbek, A., and Kucukonder, H.
Year: 2024
- **A Bicriteria Model to Determine Pareto Optimal Pulse Vaccination Strategies**
Authors: Samanlioglu, F., Tabassum, N., Karaca, T., and Bilge, A.
Year: 2024
- **Improving COVID-19 Detection: Leveraging Convolutional Neural Networks in Chest X-Ray Imaging**
Authors: Jamil, M., Chukwu, I., and Creutzburg, R.
Year: 2024
- **Politics of household indebtedness in Türkiye**
Authors: Ayhan, B., Aydin, M., and Ulcay, A.
Year: 2024
- **Population politics, reproductive governance and access to abortion in Türkiye**
Authors: O'Neil, M., Ramaswamy, A., and Altuntaş, D.
Year: 2024
- **Understanding the dynamics of compliance to smoke-free policy regulations: Exploring the perspectives of venue owners and staff in Türkiye**
Authors: Baltacı, E., Çarkoğlu, A., Saraf, S., Ergüder, T., Ergor, G., Hayran, M., and Hoe, C.
Year: 2024
- **Partisan Bias in COVID-19 Conspiracy Theories: News Reliance and the Moderating Role of Trust in Health Authorities**
Authors: Wu, Y., Kuru, O., Baruh, L., Çarkoğlu, A., Cemalcılar, Z., and Yıldırım, K.
Year: 2024
- **Novel azole-urea hybrids as VEGFR-2 inhibitors: Synthesis, in vitro antiproliferative evaluation and in silico studies**
Authors: Shirzad, M., Kulabas, N., Erdoğan, O., Cevik, O., Dere, D., Yelekçi, K., Daniş, Ö., and Küçükgül, İ.
Year: 2023
- **The Vital Role of Diabetes Nurse Educators in Smoking Cessation: A Case Study from Türkiye**
Authors: Özcan, Ş., Çarkoğlu, A., Nichter, M., Nichter, M., and Aydin, N.
Year: 2023

- **Social and moral psychology of COVID-19 across 69 countries**
Authors: Azevedo, F., Pavlovic, T., Rêgo, G., Ay, F., Gjoneska, B., Etienne
Year: 2023
- **Newly synthesized 6-substituted piperazine/phenyl-9-cyclopentyl containing purine nucleobase analogs act as potent anticancer agents and induce apoptosis via inhibiting Src in hepatocellular carcinoma cells**
Authors: Bilget Güven, E., Durmaz Şahin, I., Altiparmak, D., Servili, B., Essiz, S., Cetin-Atalay, R., and Tunçbilek, M.
Year: 2023
- **Synthesis and investigation of cytotoxic effects of compounds derived from flurbiprofen**
Authors: Gökoğlu, E., Dere, D., Bedir, İ., Yelekçi, K., Telci, D., and Küçükgül, S.
Year: 2023
- **Evaluation of the Potential Therapeutic Properties of Liquidambar orientalis Oil**
Authors: Baloglu, M., Yildiz Ozer, L., Pirci, B., Zengin, G., Uba, A., and Celik Altunoglu, Y.
Year: 2023
- **Novel 1,2,4-triazoles derived from Ibuprofen: synthesis and in vitro evaluation of their mPGES-1 inhibitory and antiproliferative activity**
Authors: Bülbül, B., Ding, K., Zhan, C., Çiftçi, G., Yelekçi, K., M., Bingöl Ozakpinar, and Küçükgül, İ.
Year: 2023
- **Fresh food supplier selection for global retail chains via bipolar neutrosophic methodology**
Authors: Faruk Görçün, Ö. and Aytekin, A.
Year: 2023
- **The effects of prolactin on the immune system, its relationship with the severity of COVID-19, and its potential immunomodulatory therapeutic effect**
Authors: Rasmi, Y., Jalali, L., Khalid, S., Shokati, A., Tyagi, P., Öztürk, A., and Nasimfar, A.
Year: 2023
- **A new lung cancer detection method based on the chest CT images using Federated Learning and blockchain systems**
Authors: Heidari, A., Javaheri, D., Toumaj, S., Navimipour, N., Rezaei, M., and Unal, M.
Year: 2023

- **Visual processing of food stimuli: The impact of working memory load and color**
Authors: Gürbüz, E. and Gokce, A.
Year: 2023
- **Chemical profile, antiproliferative and antibacterial activities and docking studies of essential oil and hexane fraction of hydrosol from fresh leaf of *Plectranthus amboinicus* (Lour.) Spreng.**
Authors: Ibrahim, E., Yagi, S., Tzanova, T., Schohn, H., Uba, A., and Zengin, G.
Year: 2023
- **A radio frequency identification reader collision avoidance protocol for dense reader environments in the context of Industry 4.0**
Authors: Rezaie, H., Golsorkhtabaramiri, M., and Navimipour, N.
Year: 2023
- **A multifunctional key to open a new window on the path to natural resources—lessons from a study on chemical composition and biological capability of *Paeonia mascula* L. from Türkiye**
Authors: Kurt-Celep, İ., Zengin, G., Celep, E., D'allacqua, S., Sut, S., Ferrase, I., Ak, G., Uba, A., Polat, R., Canlı, D., Darendelioğlu, E., Aumeeruddy, M., Shariati, M., and Mahomoodally, F.
Year: 2023
- **Synthesis, in vitro and in silico studies on novel 3-aryloxymethyl-5-[(2-oxo-2-arylethyl)sulfanyl]-1,2,4-triazoles and their oxime derivatives as potent inhibitors of mPGES-1**
Authors: Erensoy, G., Ding, K., Zhan, C., Çiftçi, G., Yelekçi, K., Duracık, M., Bingol Ozakpinar, O., Aydemir, E., Yılmaz, N., Şahin, F., Kulabas, N., Tatar, E., and Küçükgül, İ.
Year: 2023
- **Deep Learning Algorithms for the Prediction of Renal Failure: A Case Study from Tanzania's Muhimbili National Hospital**
Authors: Fihavango, T., Igira, F., Talawa, N., and Phillip, S.
Year: 2023
- **Dynamics of Feline Coronavirus and FIP: A Compartmental Modeling Approach**
Authors: Peker-Dobie, A., Bayrakal, A., Or, E., and Bilge, A.
Year: 2023
- **Improving Diabetic Retinopathy Detection Using Patchwise CNN with biGRU Model**
Authors: Darici, M. and Yigit, G.
Year: 2023
- **Epidemic Models for Chemical Gel Phase Transformation: Effect of Optical Measurements with Different Wavelengths**
Authors: Ogrenci, A., Bilge, A., Pekcan, Ö., and Incegul, M.
Year: 2023
- **COVID-19 modeling based on real geographic and population data**
Authors: Baysazan, E., Berker, A., Mandal, H., and Kaygusuz, H.
Year: 2023
- **Evaluation of an Immersive COVID-19 Data Visualization**
Authors: Kaya, F., Celik, E., Batmaz, A., Mutasim, A., and Stuerzlinger, W.
Year: 2023

- **Chemical and Biological Investigations of *Allium scorodoprasum* L. Flower Extracts**
Authors: Đorđevski, N., Uba, A., Zengin, G., Božunović, J., Gašić, U., Ristanović, E., Ćirić, A., Nikolić, B., and Stojković, D.
Year: 2023
- **Consumers and service robots: Power relationships amid COVID-19 pandemic**
Authors: Merdin-Uygur, E. and Ozturkcan, S.
Year: 2023
- **Poverty and income distribution incidence of the COVID-19 outbreak: investigating socially responsible policy alternatives for Türkiye**
Authors: Tekgüç, H., Ünsal, E., and Yeldan, A.
Year: 2023

3.4. Courses

- In KHAS105, the Bioethics module discusses the impact of advances in gene and “human enhancement” technologies on individual and public health, together with the associated ethical issues.
- KHAS1810 Social Justice and Policy Change: students analyze three case studies on how political and social systems shape economic and social life. One case examines the 1980s food-pyramid debate in the USA—via a role-play of political actors, farm lobbies, and health institutions—to explore how health policies evolve under political-economic pressure.
- Faculty: Faculty of Art and Design | Program: Interior Architecture and Environmental Design (Undergraduate) | Course: IAR306 Interior Architecture Design Systems IV: Installation | Term: 2022–2023 / 2023–2024 Spring Semester | This course aims to provide fundamental knowledge and awareness of environmentally sensitive and sustainable building approaches, including environmental design, passive and active design strategies, mechanical and plumbing systems, technical infrastructure, and fire safety. It is designed to equip students with a professional vision that integrates environmental, economic, and social sustainability principles into practice.
- Faculty: Graduate School | Program: Design | Course: Design, Art and Urban Space – Instructor: Ayşe Erek | Term: 2023–2024 Spring Semester | Focuses on art, design, and spatial policies in urban public spaces.
- Faculty: Faculty of Art and Design | Program: Industrial Design (Undergraduate) | Course: History of Industrial Design – Instructor: Ayşe Erek | Term: 2023–2024 Spring Semester | Covers the history of industrial design from the 19th century to the present.

3.5. Related Interventions

- Health Service: Kadir Has University has a health unit that serves administrative staff, academic staff, and students. The health unit is staffed by one doctor and one full-time nurse and is also accessible to contractors and external visitors when needed. The unit provides preliminary diagnosis and initial treatment and ensures follow-up in subsequent stages of care.