ÖZGEÇMİŞ

1. **Adı Soyadı** : Mehmet Raşit Eskicioğlu
2. **Doğum Tarihi** : 4 Aralık 1953
3. **Ünvanı** : Profesör Dr.
4. **Öğrenim Durumu** : Doktora
5. **Çalıştığı Kurum** : Bahçeşehir Üniversitesi

Derece	Alan	Üniversite	Yıl
Lisans	Kimya Mühendisliği	İstanbul Teknik Üniversitesi	1977
Y. Lisans	Bilgisayar Mühendisliği	Orta Doğu Teknik Üniversitesi	1981
Doktora	Bilgisayar Bilimleri	Alberta Üniversitesi (Kanada)	2004

6. **Akademik Ünvanlar**
   Yardımcı Doçentlik Tarihi (Kanada) : 1 Temmuz 1999
   Doçentlik Tarihi (Kanada) : 30 Mart 2006
   Profesörlük Tarihi (Türkiye) : 19 Temmuz 2023

7. **Yönetilen Yüksek Lisans ve Doktora Tezleri**
   7.1. **Yüksek Lisans Tezleri**

   [19] Mr. K. Sharma *Deep Learning-Based ECG Classification Using a Tensorflow Lite Model*, Aralık 2022.

   [18] Mr. Md. A. Al Mamun[1], *Real-time Integration of IoT Sensor and IOTA Tangle for Securing IoT Infrastructure*, Aralık 2021.

   [17] Mr. B. Rababah, *Distributed Intelligence Model for Internet of Things Applications*, Mayıs 2021.

   [16] Mr. M. M. Almasi[2], *Search-based Testing in Financial Applications*, Ağustos 2017.

   [15] Mr. S. S. Arefin[2], *Model-Based Testing of Safety-Critical Avionic Systems*, Mayıs 2021.

   [14] Mr. T. R. Siddiqui[2], *Interactive Specification Mining for Debugging Embedded Software Applications*, Ağustos 2017.

   [13] Mr. Z. Bin, *An Indoor Localization System Based on Wireless Sensor Networks*, Aralık 2015.

   [12] Ms. M. Sharma[3], *Adapting the Laban Effort System to Design Affect-Communicating Locomotion Path for Designing Affective Locomotion Paths*, Ağustos 2013.

   [11] Mr. R. Guderian, *Intelligent Clustering in Heterogeneous Wireless Sensor Networks*, Temmuz, 2012.

   [10] Mr. A. Musa[4], *A Transport Layer Protocol for Cognitive Radio Networks*, Temmuz 2012.

   [9] Mr. V. Devassy, *Incorporating Fast Scan in Ext2 File System*, Şubat 2010.

   [8] Ms. A. Fereshteh[5], *Simulation and Evaluation of Security and Intrusion Detection in IEEE 80.15.4 Network*, Haziran 2008.

   [7] Mr. V. Pundi[6], *Data Mining Based Inhabitant Action Predictor for Smart Homes using Controlled Synthetic Data*, Şubat 2008.

[6] Mr. S. Ahmed, *An Extensible Location Sensing Service for Home Networks*, Haziran 2006.

[5] Mr. D. Bhat, *A Framework for Interoperability for Home Networks*, Haziran 2006.

[4] Mr. M. Shorfuzzaman[7], *An Active Network Based Framework for Dynamic Adaptation of Media Streams*, Ağustos 2005.

[3] Mr. M. Ganeshan[8], *Comparative Evaluation of Web Server Systems: Taxonomy and Performance*, Mayıs 2005.

[2] Mr. H. Pham, *A Network Impairment Tool based on the IXP425 Network Processor*, Şubat 2005.

[1] Mr. X. Zhou[7], *Supporting Collaborative Applications Using Dynamically Adaptive Multicast Trees*, Mayıs 2021.

[1]Dr. C. Akçora, [2]Dr. H. Hemmati, [3]Dr. J. Young, [4]Dr. A. Alfa, [5]Dr. J. Misic, [6]Dr. N. Arnason, [7]Dr. P. Graham, ve [8]Dr. R. Peters ile.

7.2. Doktora Tezleri

[4] Mr. H. Khazaei[1] *Performance Analysis of Cloud Computing Centers*, Ocak 2013.

[3] Mr. S. Biswas[1], *Establishing Security and Trust in Heterogeneous Wireless Sensor Networks*, Kasım 2012.

[2] Mr. S. Rashwand[1], *Efficient Wireless Communication in Healthcare Systems; Design and Performance Evaluation*, Eylül 2012.

[1] Mr. M. Shorfuzzaman[2], *Data Replication for Grid Computing*, Mayıs 2012.

[1]Dr. J. Misic ve [2]Dr. P. Graham ile.

8. Yayinlar
8.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI, SSCI, Arts and Humanities)

[11] K. Sharma and R. Eskicioglu. "*Deep Learning-based ECG Classification on Raspberry PI using a Tensorflow Lite Model based on PTB-XL Dataset*". In: Int'l Journal of Artificial intelligence & Applications (IJAIA) 13.4 (July 2022), pp. 55–66.

[10] Szturm et al. "*Game-Based Dual-Task Exercise Program for Children with Cerebral Palsy: Blending Balance, Visuomotor and Cognitive Training: Feasibility Randomized Control Trial*". In: Sensors 22.3 (2022).

[9] B. Rababah and R. Eskicioglu. "*Distributed intelligence model for iot applications based on neural networks*". In: International Journal of Computer Network and Information Security 13.3 (2021).

[8] T.J. Szturm et al. "*Easy-to-Use and Low Cost Computer Game-Assistive Platform to Transition Upper Extremity Stroke Rehabilitation to Home settings*". In: International Journal of Stroke, ESO-WSO 2020 Joint Meeting Abstracts 15.1_suppl (Nov. 2020),

[7] D. Kazado, M. Kavgic, and R. Eskicioglu. "*Integrating building information modeling (BIM) and sensor technology for facility management*". In: Journal of Information Technology in Construction 24 (2019), pp. 440–458.

[6] B. Ens, R. Eskicioglu, and P. Irani. "*Guidelines for Designing Awareness-Augmented Mobile DUIs*". In: International Journal of Human-Computer Interaction 28.11 (2012), pp. 730–736.

[5] M. Shorfuzzaman, P. Graham, and M.R. Eskicioglu. "*Allocating Replicas in Large-Scale Data Grids Using a QoS-Aware Distributed Technique with Workload Constraints*". In: Int'l Journal of Grid and Utility Computing 3.2/3 (2012), pp. 157–174.

[4] M. Shorfuzzaman, P. C. J. Graham, and M.R. Eskicioglu. "*Adaptive Popularity-Driven Replica Placement in Hierarchical Data Grids*". In: Journal of Supercomputing 51.3 (Mar. 2010), pp. 374–392.

[3] M. Shorfuzzaman, P. C. J. Graham, and M.R. Eskicioglu. "*In-Network Adaptation of Video Streams using Network Processors*". In: Advances in Multimedia (2009).

[2] H. Pourreza, M.R. Eskicioglu, and P. C. J. Graham. "*Performance Assessment of Four Cluster Interconnects on Identical Hardware: Hints for Cluster Builders*". In: Int'l Journal of High Performance Computing and Networking 4.5/6 (2006), pp. 270–285.

[1] A. Skjellum et al. "*Systems Administration*". In: The Int'l Journal of High Performance Computing Applications, Special Issue: Cluster Computing White Paper 15.2 (Summer 2001), pp. 143–161.

8.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

[1] B. Rababah, T. Alam, and M.R. Eskicioglu. "*The Next Generation Internet of Things Architecture Toward Distributed Intelligence: Review, Application, and Research Challenges*". In: Journal of Telecommunication, Electronic and Computer Engineering 12.2 (April–June 2020), pp. 11–19.

8.3. Uluslararası hakemli dergilerde özel sayı editörlüğü

[1] R.K. Thulasiram, M.R. Eskicioglu, P.C.J. Graham, and P. Thulasiraman, eds. Int'l Journal of High Performance Computing and Networking, Special Issue. Vol. 4, Issue 5/6. 2006.

8.4. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

[25] R. Lotfi, G. Tzanetakis, M.R. Eskicioglu, and P. Irani. "*A Comparison between Audio and IMU Data to Detect Chewing Events Based on an Earable Device*". In: Proceedings of the 11th Augmented Human 2020 International Conference (AH'20). ACM International Conference Proceedings Series (ICPS). ACM, May 2020, 8 pages.

[24] M.Kalash, K.Singh, M.R.Eskicioglu,and N.Bruce."*Gaze-Contingent Interactive Visualization of High-Dynamic-Range Imagery*". In: Proc. of the Second Workshop on Eye Tracking and Visualization. Oct. 2016, pp. 16–20.

[23] M. Sharma, J.E. Young, and M.R. Eskicioglu. "*Communicating affect via flight path: Exploring use of the Laban Effort System for designing affective locomotion paths*". In: Proc. of the 8th ACM/IEEE International Conference on Human-Robot Interactions. Mar. 2013, pp. 293–300.

[22] M. Sharma, J.E. Young, and M.R. Eskicioglu. "*Developing Guidelines for In-the-field Control of a Team of Robots*". In: Adjunct Proceedings (Late Breaking News) of the 7th ACM/IEEE International Conference on Human-Robot Interactions. Mar. 2012, pp. 233–234.

[21] M. Shorfuzzaman, P. Graham, and M.R. Eskicioglu. "*Distributed Placement of Replicas in Hierarchical Data Grids with User and System QoS Constraints*". In: Proc. of the 6th Int'l Conference on P2P, Parallel, Grid, Cloud and Internet Computing. Oct. 2011, pp. 177–186.

[20] M. Shorfuzzaman, P. Graham, and M.R. Eskicioglu. "*QoS-aware Distributed Replica Placement in Hierarchical Data Grid*". In: Proc. of the 25th IEEE Int'l Conference on Advanced Information Networking and Applications (AINA-2011). Best Paper Award Candidate. Mar. 2011, pp. 291–299.

[19] M. Shorfuzzaman, P. Graham, and M.R. Eskicioglu. "*Distributed Popularity Based Replica Placement in Data Grid Environments*". In: Proc. of the 11th Int'l Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT'10). Dec. 2010, pp. 66–77.

[18] B. Demianyk et al. "*Technologies to Generate Contact Graphs for Personal Social Networks*". In: Proc. of the IEEE 12th Int'l Conference on e-Health Networking, Applications and Services (Healthcom'10). Best Poster Award. July 2010, pp. 15–21.

[17] M. Shorfuzzaman, P. Graham, and M.R. Eskicioglu. "*Adaptive Replica in Hierarchical Data Grids*". In: Proc. of the High Performance Computing Symposium (HPCS). J. Phys.: Conf. Ser. 256. June 2010.

[16] R. Maani, S.Camorlinga, N.Arnason, and M.R.Eskicioglu. "*A Practical Fast Method for Medical Imaging Transmission based on the DICOM Protocol*". In: Proc. of SPIE Medical Imaging 2010: Advanced PACS-based Imaging Informatics and Therapeutic Applications. Vol. 7628. Feb. 2010.

[15] R. Maani, S. Camorlinga, and M.R. Eskicioglu. "*A Remote Real-time PACS-based Platform for Medical Imaging Telemedicine*". In: Proc. of SPIE Medical Imaging 2009: Advanced PACS-based Imaging Informatics and Therapeutic Applications. Vol. 7264. Feb. 2009.

[14] M. Shorfuzzaman, P.Graham, and M.R.Eskicioglu. "*Popularity-Driven Dynamic Replica Placement in Hierarchical Data Grids*". In: Proc. of the 9th Int'l Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT'08). Dec. 2008, pp. 524–531.

[13] S. Ahmed, M.R. Eskicioglu, and P. Graham. "*Design and Implementation of a Sensor Network based Location Determination Service for use in Home Networks*". In: Proc. of the First IEEE Int'l Workshop on Intelligent Systems Techniques for Wireless Sensor Networks. Oct. 2006, pp. 622–626.

[12] M. Shorfuzzaman, M.R. Eskicioglu, and P. Graham. "*Video Transcoding Using Network Processors to Support Dynamically Adaptive Video Multicast*". In: Proc. of the IEEE 20th Conf. on Advanced Information Networking and Applications. Vol. 1. Apr. 2006, pp. 471–476.

[11] M.R. Eskicioglu, S. Ahmed, and S. Hussain. "*A Query Processing Architecture for Sensor Networks*". In: Proc. of the Workshop on Information Fusion and Dissemination in Wireless Sensor Networks. On Conference CD. July 2005.

[10] S. Ahmed, L.Karim, and M.R.Eskicioglu. "*A Parallel Random Number Generator for Shared Memory Architecture Machines using OpenMP*". In: Proc. of the 16th IASTED Int'l Conf. on Parallel and Distributed Computing and Systems (PDCS). Nov. 2004, pp. 565–570.

[9] H. Pourreza, M.R. Eskicioglu, and P. C. J. Graham. "*Preliminary Performance Assessment of Four Cluster Interconnects on Identical Hardware*". In: Proc. of the 18th Annual Int'l Symp. on High Performance Computing Systems and Applications (HPCS04). Ed. by M.R. Eskicioglu. Short Paper. May 2004, pp. 209–212.

[8] A.M. Eskicioglu, E.J.Delp, and M.R.Eskicioglu. "*New Channels for Carrying Copyright and Usage Rights Data in Digital Multimedia Distribution*". In: Proc. of the IEEE Int'l Conf. on Information Technology: Research and Education (ITRE 2003). Aug. 2003, pp. 94–98.

[7] P. Irani and M.R.Eskicioglu. "*A Space-filling Visualization Technique for Cellular Network Data*". In: Proc. of the 3rd Int'l Conf. on Knowledge Management (IKNOW-03); Workshop on Knowledge and Information Visualization. July 2003, pp. 115–120.

[6] A.M. Eskicioglu and M.R.Eskicioglu. "*Multicast Security Using Key Graphs and Secret Sharing*". In: Proc. of the Joint Int'l Conf. on Wireless LANs and Home Networks (ICWLHN 2002) and Networking (ICN 2002). Aug. 2002, pp. 228–241.

[5] M.R. Eskicioglu. "*Software DSM Systems are Alive and Well!*" In: Proc. of the 2002 Int'l Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA). June 2002, pp. 90–96.

[4] M.R. Eskicioglu, T. A. Marsland, W. Hu, and W. Shi. *"Evaluation of JIAJIA Software DSM System on High Performance Computer Architectures"*. In: Proc. of 32nd Hawai'i Int'l Conf. on System Sciences (HICSS32) (CD/ROM). Jan. 1999, 287 (abstract), file: stdcr05.ps.

[3] M.R. Eskicioglu and T.A. Marsland. *"Shared Memory Computing on SP2: JIAJIA Approach"*. In: Proc. of the IBM Centre for Advanced Studies Conference (CASCON'98). Nov. 1998, pp. 235–245.

[2] W. Dobosiewicz, M.R. Eskicioglu, P. Gburzynski, and A. Mutiso. *"MESS—A Distributed Operating System for the Universe"*. In: Proc. of the Second IEEE Workshop on Future Trends of Distributed Computing Systems in the 1990's. Sept. 1990, pp. 208–214.

[1] M. Tayli, M. Bor, M. Benmaiza, and M.R. Eskicioglu. *"RT-DOS—A Real-Time Distributed Operating System for Transputers"*. In: Proc. of the 13th Occam User Group Technical Meeting (OUG-13). Sept. 1990, pp. 1–11.

8.5. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan özet bildiriler

[9] A. Lezen et al. *"Rehab@Home: Bringing Interactive Rehabilitation Devices to Homes"*. In: Collaborating for Health and Wellness Conference. Oct. 2020.

[8] X. Zhu, M. Handte, and M.R. Eskicioglu. *"Poster Abstract: RF Technologies for Indoor Localization and Positioning"*. In: SenSys'18: Conference on Embedded Networked Sensor Systems. Nov. 2018, 2 pages.

[7] S. Jeung, T. Kim, and M.R. Eskicioglu. *"Poster Abstract: Human Activity Recognition Using Motion Sensors"*. In: SenSys'18: Conference on Embedded Networked Sensor Systems. Nov. 2018, 2 pages

[6] T. Rahman and M.R. Eskicioglu. *"Gait Analysis through Body Area Networks"*. In: 2017 Western Canadian Universities-Big Data Health Conference. Sept. 2017.

[5] S. Ahmed, M.R. Eskicioglu, and S. Hussain. *"Querying Sensor Networks: Techniques, Evaluations, and Directions"*. In: Proc. of the 13th Int'l Conf. on Computer Communications and Networks (ICCCN'2004). Poster. Oct. 2004, p. 548.

[4] M. Shorfuzzaman, M.R. Eskicioglu, and P. C. J. Graham. *"Architectures for Network Processors: Aspects, Evaluation, and Trends"*. In: Proc. of the Int'l Conf. on Communications in Computing (CIC'04). Poster. June 2004, pp. 141–144.

[3] M.R. Eskicioglu, M. Maheshwaran, and P. Graham. *"Hierarchical, Container-Based Grid Resource Management"*. In: Proc. of the IEEE Int'l Conf. on Cluster Computing and the Grid (CCGrid 2001). Poster. May 2001..

[2] W.Shi, W.Hu, Z.Tang, and M.R. Eskicioglu. *"Dynamic Task Migration in Home-based Software DSM Systems"*. In: Proc. of the 8th Int'l Symp. on High Performance Distributed Computing (HPDC8). Poster. Aug. 1999, pp. 339–340.

[1] M.R. Eskicioglu, T. A. Marsland, W. Hu, and W. Shi. *"Evaluation of JIAJIA Software DSM System on High Performance Architectures"*. In: Proc. of the 12th Annual Int'l Symp. on High Performance Computing Systems and Applications (HPCS98). Poster. May 1998, p. 76.

8.6. Uluslararası bilimsel toplantıların bildiri kitabı editörlüğü

[4] M.R. Eskicioglu, *ed*. Proc. of the 4th ACM Conference on Systems for Energy-Efficient Built Environments (Buildsys). Association for Computing Machinery, Nov. 2017.

[3] M.R. Eskicioglu, *ed*. Proc. of the 15th ACM Conference on Embedded Networked Sensor Systems (Sensys). Association for Computing Machinery, Nov. 2017.

[2] M.R. Eskicioglu, *ed.* Proc. of the 18th Annual International Symposium on High Performance Computing Systems and Applications, May 16–19, 2004, Winnipeg, Manitoba, Canada. University of Manitoba, Department of Computer Science, May 2004.

[1] P. Graham, M. Maheswaran, and M.R.Eskicioglu, *eds.* Proc. of the Int'l Conference on Internet Computing. CSREA Press, June 2001

8.7. Uluslararası bilimsel çalıştayların bildiri kitabı editörlüğü

[5] M.R. Eskicioglu, *ed.* Proc. of the 5th ACM Workshop on Energy Harvesting & Energy Neutral Sensing Systems (ENSsys). Association for Computing Machinery, Nov. 2017.

[4] M.R. Eskicioglu, *ed.* Proc. of the First ACM Workshop on Mobile Crowdsensing Systems and Applications. Association for Computing Machinery, Nov. 2017.

[3] M.R. Eskicioglu, *ed.* Proc. of the First ACM International Workshop on the Engineering of Reliable, Robust, and Secure Embedded Wireless Sensing Systems (FAILSAFE). Association for Computing Machinery, Nov. 2017.

[2] M.R. Eskicioglu, *ed.* Proc. of the First International Workshop on Human-centered Sensing, Networking, and Systems (HumanSys). Association for Computing Machinery, Nov. 2017.

[1] M.R. Eskicioglu, *ed.* Proc. of the First ACM International Workshop on the Internet of Safe Things. Association for Computing Machinery, Nov. 2017.

8.8. Yazılan uluslararası kitaplar veya kitaplarda bölümler

[5] B. Ens, M.R. Eskicioglu, and P. Irani. "*Visually Augmented Interfaces for Co-Located Mobile Collaboration*". In: Distributed User Interfaces: Designing for the Distributed Ecosystem. Ed. by J. A. Gallud, R. Tesoriero, and V. M.R. Penichet. Human-Computer Interaction Series. Springer Verlag, 2011. Chap. 19, pp. 169–176.

[4] M. Shorfuzzaman, M.R. Eskicioglu, and P.Graham. "*Data Replication for Grid Computing: State of the Art and Open Problems*". In: Handbook of Research on Scalable Computing Technologies. Ed. by K-C. Li et al. IGI Global, 2010. Chap. 22, pp. 486–516.

[3] C.S. Yeo et al. "*Cluster Computing: High-Performance, High-Availability, and High-Throughput Processing on a Network of Computers*". In: Handbook of Nature-Inspired and Innovative Computing—Integrating Classical Models with Emerging Technologies. Ed. by A. Y. Zomaya. Springer Verlag, 2006. Chap. 16, pp. 521–551.

[2] M. Abdelguerfi, M.R. Eskicioglu, and J. Liebowitz. "*Knowledge Engineering—Databases*". In: The Electrical Engineering Handbook, Second Edition. Ed. by R. C. Dorf. CRC Press, Inc., 1997. Chap. 94, pp. 2183–2202.

[1] M.R. Eskicioglu. "*Design Issues of Process Migration Facilities in Distributed Systems*". In: Scheduling and Load Balancing in Parallel and Distributed Systems. Ed. by B. A. Shirazi, A. R. Hurson, and K. M. Kavi. IEEE Computer Society Press, Apr. 1995, pp. 414–424.

8.9. Ulusal hakemli dergilerde yayınlanan makaleler

8.10. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

[2] M. Tayli and M.R. Eskicioglu. "*TSDOS–A Time-Sharing Operating System for Interdata 7/16*". In: Proc. of the National Computer Conference (NCC'80) (Aralik 1980), pp. 80–84.

[1] M. Tayli and M.R. Eskicioglu. "*Interconnecting Burroughs B6800 and Interdata 7/16 Systems*". In: Proc. of the National Computer Conference (NCC'80) (Aralik 1980), pp. 85–88.

8.11. **Diğer yayınlar**

[7] M.R. Eskicioglu. "4th USENIX Symposium on OSDI—Session Summaries". In: The USENIX Association Newsletter ;Login: 26.3 (June 2001), pp. 11–23.

[6] M.R. Eskicioglu. "3rd USENIX Symposium on OSDI—Session Summaries". In: The USENIX Association Newsletter ;Login: 24.3 (June 1999), pp. 15–17, 21–23.

[6] M.R. Eskicioglu. "2th USENIX Symposium on OSDI—Session Summaries". In: The USENIX Association Newsletter ;Login: 22.1 (February 1997), pp. 39–41, 44–45.

[5] M.R. Eskicioglu. "A Comprehensive Bibliography of Distributed Shared Memory". In: ACM Operating Systems Review 30.1 (Jan. 1996), pp. 71–96.

[4] M.R. Eskicioglu. "1995 Winter USENIX Conference—Session Summaries". In: The USENIX Association Newsletter ;Login: 20.2 (Apr. 1995), pp. 14–16, 23–25.

[3] M.R. Eskicioglu and L-F. Cabrera. "Process Migration: An Annotated Bibliography". In: Technical Committee Newsletter, IEEE-CS TCOSAE 4.4 (Winter 1990), pp. 5–16.

[2] M.R. Eskicioglu. "Design Issues of Process Migration Facilities in Distributed Systems". In: Technical Committee Newsletter, IEEE-CS TCOSAE 4.2 (Summer 1990), pp. 3–13.

[1] M. Tayli and M.R. Eskicioglu. "*Makina Dili ile Programlama*", Ders Notları, Hacettepe Üniversitesi/Bilgisayar Bilimleri Mühendisligi Bölümü, (Eylül 1982).

Yukaridakiler dışında yirminin (20) üzerindeki teknik raporlar burada listelenmedi.

9. **Projeler**

   9.1. **Büyük Projeler**

   - *Bringing Advanced, yet Easy-to-Use and Low-Cost Assistive Rehabilitation and Monitoring Devices to Homes*, Research Manitoba Innovation Proof-of-Concept Grant Fund, $100,000 (for 2 years), PI: T. Szturm, Co-PIs: N. Shepheri, S. Muthukumarana and M.R. Eskicioglu, Mart 2021

   - *What technogies could determine the relative position of 2 objects in the horizontal plane with ≈5cm accuracy up to a range of 10mt without the use of GPS?*, $1,000, Initial Grant, Manitoba Industry-Academia Partnership (with MacDon Industries), R. Eskicioglu, Ekim 2020.

   - *Smart Mobility for the Aging Population*, Collaborative Research and Training Experience Program (CREATE) Grant NSERC, $1.6 M for six years, PI: R. Zheng (McMaster), Co-PIs: M.R. Eskicioglu ve C. Latulipe (Manitoba Universitesinden), and diğer sekiz araştırmacı, Haziran 2020.

   - *Bringing Advanced, yet Easy-to-Use and Low-Cost Assistive Rehabilitation and Monitoring Devices to Homes*, UofM Collaborative Innovation Research Fund, $32,600, PI: T. Szturm, Co-PIs: N. Shepheri and M.R. Eskicioglu, Temmuz 2019.

   - *An Activity Monitoring Platform (AMP) for Ambient Assisted Living*, UofM Collaborative Innovation Research Fund, $50,000, PI: A. Choukou, Co-PIs: M.R. Eskicioglu, P. Irani, A. Ashraf, Temmuz 2019.

10. **İdari Görevler**

    - Başkan Yardimcısı (2007), Başkan (2008), Eski Başkan (2009), IEEE-Winnipeg Bölümü.
    - Direktör—Internet of Things Innovations Lab (Ocak 2016'dan beri).
    - Direktör (Dr. P. Graham ile)—Parallel and Distributed Systems Lab (Temmuz 1999–Aralık 2015).

11. **Bilimsel ve Mesleki Kuruluşlara Üyelikler**

    - *ACM* üyesi (1979'den beri).
      SIGMOBILE, SIGOPS, SIGARCH, SIGBED, SIGEnergy grupları üyelikleri.
    - *IEEE* hayat boyu kıdemli üyesi (2022'den beri).
    - *IEEE* kidemli uyesi (2005–2021).

- *IEEE*, üyesi (1986–2005).
- *IEEE Computer Society* üyesi (1986'den beri).
- *IEEE Communications Society* üyesi (1986'dan beri).
- *IEEE Computer Society Technical Committee on Operating Systems and Application Environments(TCOSAE),*)şimdi Technical Committee on Operating Systems (*TCOS*)= üyesi (1989–2003).
- *USENIX Association* üyesi (1989–2003).

12. **Ödüller**
    - ACM Recognition of Service Award for CPS-IoT Week 2019 Chair, Nisan 2019.
    - ACM Recognition of Service Award for CPS-IoT Week 2019 Program Chair, Nisan 2019.
    - ACM Recognition of Service Award for IPSN Chair, Nisan 2019.
    - ACM-SIGBED Certificate of Appreciation for CPS-IoT Week 2019 co-Chair, Nisan 2019.
    - SenSys Lifetime Achievement Award as the Publication Chair, Kasım 2017.
    - CPS Week 2017 Distinguished Service Award as the Publications Chair, April 2017.
    - ACM Recognition of Service Award, as SenSys Chair, November 2012.
    - TRLabs Performance Award, Nisan 2005.

13. **Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.**

Academik Yıl	Dönem	Dersin Adı	Haftalık Saati		Ögrenci Sayısı
			Teorik	Pratik	
2020–2021	Güz	COMP3430 – Operating Systems[1]	3	1	104
2021–2022	Bahar	COMP3370 – Computer Organization[1]	3	0	104
	Güz	COMP3370 – Computer Organization	3	0	100
	Güz	COMP2160 – Programming Practices	3	1	127
	Güz	BME8990 – Mobility in Ageing Population[2]	3	0	2

[1]Uzaktan eğitim; [2]Yüksek lisans.