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<https://scholar.google.com/citations?hl=en&user=3DwchWAAAAAJ>

CURRICULUM VITAE

ACADEMIC POSITIONS:

- 2023 – Director, Graduate Program
Department of Integrated Information Technology
College of Engineering and Computing
University of South Carolina, Columbia, SC
- 2018 – Director, Innovation Think Tank Lab at USC
Department of Integrated Information Technology
College of Engineering and Computing
University of South Carolina, Columbia, SC
- 2018 – Adjunct Professor of Internal Medicine
Internal Medicine,
School of Medicine
University of South Carolina, Columbia, SC
- 2017 – Professor
Department of Integrated Information Technology
College of Engineering and Computing
University of South Carolina, Columbia, SC
- 2015 – 2017 Associate Professor
Department of Integrated Information Technology
College of Engineering and Computing
University of South Carolina, Columbia, SC
- 2013 – Director, Graduate Studies in Health Information Technology
Department of Integrated Information Technology
University of South Carolina, Columbia, SC
- 2012 – 2017 Adjunct Associate Professor
Health Services Policy & Management,
Arnold School of Public Health
University of South Carolina, Columbia, SC
- 2012 – 2014 Director, Graduate Studies in Health Information Technology
Associate Professor
Department of Integrated Information Technology
University of South Carolina, Columbia, SC
- 2011 – 2012 Director, Sponsored Projects Office
Associate Professor of Computer Information Systems
Department of Computer Science
Faculty of Engineering, Özyeğin University, Istanbul - Turkey
- 2008 – 2010 Professor of Computer Information Systems

Otto Candies Endowed Chair in Information Systems
Computer Information Systems program Coordinator
Department of Accounting and Information Systems
College of Business Administration, Nicholls State University, LA

- 2005 – 2008 Director, CRHSP
Center for Research in Healthcare Systems and Policies
University of South Florida, FL
- 2007 – 2008 Associate Professor of Information Systems
Information Systems and Decision Sciences Department
College of Business, University of South Florida, FL
- 2001 – 2007 Assistant Professor of Information Systems
Information Systems and Decision Sciences Department
College of Business, University of South Florida, FL
- 1999 – 2001 Assistant Professor of Management Information Systems
Management Science Group
College of Business Administration, Northeastern University, MA

EDUCATION

Doctor of Philosophy in Business Administration - 1999

College of Business Administration
University of Rhode Island, Kingston, RI.

Major: Management Science and Information Systems.

Dissertation: Factors Affecting the Intent to Use Information Technology in Health Care
Organizations: A Comparative Study.

Master of Business Administration - 1995

College of Business Administration
University of Rhode Island, Kingston, RI.

Concentration: Marketing

Bachelor of Science in Civil Engineering - 1979

College of Engineering
Middle East Technical University, Ankara, Turkey.

Concentration: Construction Engineering

FIELD OF EXPERTISE

- Health care budget, policy and politics; health care cost, financing, and rationing; health care quality and process improvement; health care information systems and technologies.
- Data mining, data warehousing, business intelligence, data, and predictive analytics.
- Artificial Intelligence, Machine Learning
- Management of health resources and services.
- Value creation through effective use of information technology.
- Adoption and use of information technology at individual and organizational levels.
- Management of information technology, systems, and innovation in organizations.

- Economics of information technology investments in organizations.
- Information Technology Service Management.
- Business process management, knowledge management.
- Technology Transfer and Intellectual Property Management.

ACADEMIC, SCHOLARSHIP, APPLIED RESEARCH RELATED AWARDS / GRANTS

- 2020** XPODA, Inc. gift-in-kind of 500 student licenses for XPODA No-Code Programming Platform and On-premises Enterprise Engine – with 500 named instances for educational use valued at \$1,320,000.00
- 2019** The Operational Research Society’s Stafford Beer Medal 2019 for the best paper published in the European Journal of Information Systems (EJIS) in 2018. “User response to mandatory IT use: a coping theory perspective”, European Journal of Information Systems, 27 (4), 395-414.
- 2018** 1st Place “Best Undergraduate Research Poster Award” – Northeast Decision Sciences Institute Conference. *“Exploratory Data Analytics and Visualization of Characteristics of Sarcopenia Patients in South Carolina: A Data Science Lite Approach”*.
- 2016** IBM Academic Initiative Award for sustaining *“Research Lab for Health-e Analytics with SPSS Modeler.”*
- 2015** “20+ Years of Service” Certificate of Recognition – National Decision Sciences Institute.
- 2015** IBM Academic Initiative Award for sustaining *“Research Lab for Health-e Analytics with SPSS Modeler.”*
- 2014** Nominated for “Best Paper in Track Award” - National Decision Sciences Institute Conference. Paper entitled *“Effects of Healthcare Information Technology on Hospital Performance”*.
- 2014** Microsoft Dynamics Academic Alliance Software Award for “Microsoft Dynamics CRM and Microsoft Dynamics NAV”.
- 2014** IBM Academic Initiative Award for launching a *“Research Lab for Health-e Analytics with SPSS Modeler.”*
- 2013** IBM Academic Initiative Award for developing Graduate Level Analytics courses for *“Health Information Technology”* program at the University of South Carolina
- 2011** IBM Shared University Research Award for *“Assessing the current state of the network, identifying the key security issues and making recommendations for improvement.”*
- 2011** IBM Shared University Research Award for establishing a *“Center for Business Analytics and Performance Management.”*
- 2009** “Distinguished Track Award” - National Decision Sciences Institute Conference. Paper entitled *“Managing Healthcare Knowledge: The Role of Governance”*.
- 2009** IBM Academic Initiative Software Award for developing *“IT Services Management Program.”*
- 2009** Microsoft Dynamics Academic Alliance Software Award for “Training Lab for Microsoft Dynamics CRM.”

- 2006** “Certificate of Honor” for Professional Accomplishments and Academic Achievements. University of South Florida.
- 2005** “Best Paper in Track Award” - CLUTE Institute for Academic Research. International Business and Economics Research Conference. Paper entitled “*Enhanced Audit Risk Model: A Conceptual Framework for Medical Claims Fraud/Error Prevention/Detection using IT*”.
- 1995** Graduate Research Assistant (Fully funded, 1995 - 1998). Department of Management Science and Information systems. College of Business Administration, University of Rhode Island
- 1993** Graduate Research Assistant (Fully funded, 1993 - 1995). Research Institute for Telecommunication and Information Marketing (RITIM), University of Rhode Island

FUNDED RESEARCH PROJECTS and CONTRACTS

South Carolina’s Commission on Higher Education, 2022-2023

Title/Objective: Developing a research data analytics repository and a portal for SC Teacher Performance Reporting for “South Carolina Teacher Education Advancement Consortium through Higher Education Research (SC-TEACHER)”.

Project Amount: \$105,000 (sub award)

Role: PI

National Institute Science, 2022-2023

Title/Objective: VICEROY DoD Electromagnetic and Cyber Research and Experiential Education (VICEROY DECREE)

Project Amount: \$ 156,490

Role: PI

National Institute of Allergy & Infectious Diseases NIAID/NIH(1T35AI165252-01) 2021-2026

Title/Objective: Big Data Health Science Scholar Program for Infectious Diseases

Project Amount: \$ 304,094

Role: MPI

National Institute Science, 2021-2025

Title/Objective: CyberTraining: Implementation: Small: Cybertraining on P4 Programmable Devices using an Online Scalable Platform with Physical and Virtual Switches and Real Protocol Stacks

Project Amount: \$ 499,540

Role: Co-PI

National Institute of Allergy & Infectious Diseases (NIAID)/NIH, 2020-2022

Title/Objective: BDD CIS: Big Data Driven Clinical Informatics & Surveillance - A Multimodal Database Focused Clinical, Community, & Multi-Omics Surveillance Plan for COVID19

Project Amount: \$ 1,253,361

Role: PI for sub award (\$98,349)

University of South Carolina ASPIRE-III, 2020-2021

Title/Objective: Students with Disabilities in STEM (SWDiSTEM) Multi-User Lab for Research, Training, and Outreach.
Project Amount: \$97,165
Role: Co-investigator.

South Carolina's Commission on Higher Education/US Department of Education, 2019-2023

Title/Objective: Developing a research data analytics repository for "South Carolina Teacher Education Advancement Consortium through Higher Education Research (SC-TEACHER)".
Project Amount: \$78,800 (sub award)
Role: Principal investigator.

Office of the Vice President for Research, UofSC, 2019-2020

Title/Objective: Southeastern Corridor Defense Initiative
Project Amount: \$100,000
Role: Co-investigator.

National Science Foundation, 2019-2022

Title/Objective: Campus Cyberinfrastructure (CC*) Networking Infrastructure: Building a Science DMZ for Data-intensive Research and Computation at UofSC.
Project Amount: \$498,525
Role: Co-investigator.

South Carolina Department of Commerce, 2019

Title/Objective: Telehealth Integration and Decision Support for South Carolina
Project Amount: \$309,500
Role: Co-investigator.

College of Nursing – College of Computing and Engineering, UofSC, 2018-2019

Title/Objective: Physical activity promotion for older cancer survivors using a virtual coach.
Project Amount: \$50,000
Role: Co-Principal investigator.

Siemens Healthineers and UofSC Office of Economic Engagement, 2018

Title/Objective: Establishing "Innovation Think Tank Lab" at the UofSC
Project Amount: \$60,000
Role: Director - Principal Investigator

College of Nursing University of South Carolina, 2018-2019

Title/Objective: Developing "Academic Dashboard" for real time and on-demand reporting
Project Amount: \$37,750
Role: Principal investigator.

South Carolina Department of Commerce, 2018-2019

Title/Objective: Unified, Cloud-Based Platform to Support South Carolina Logistics
Project Amount: \$300,000
Role: Co-investigator.

HP Inc., 2017-2018

Title/Objective: HP Mobility and Interactive Patient Engagement
Project Amount: \$14,472
Role: Co-investigator.

South Carolina Department of Commerce, 2017-2018

Title/Objective: South Carolina Center for Cybersecurity Innovation (SC3I)
Project Amount: \$248,000
Role: Co-investigator.

The Duke Endowment, 2017-2019

Title/Objective: Developing a Health and Education Information Exchange for Children & Youth in Foster Care in South Carolina
Project Amount: \$511,000
Role: Co-Principal investigator and PI for sub award (\$267,630)

Private Funder, 2017-2018

Title/Objective: Data analytics to assess factors associated with muscle weakness in the elderly population.
Project Amount: \$175,000
Role: Co-investigator.

South Carolina Rural Health Research Center, 2014-2017

Funding Organization: Office of Adolescent Health, Health and Human Services Agency, Children's Trust (Prime)
Title/Objective: Web based data collection and decision support tool for case workers in the Pregnancy Assistance Fund (PAF) grant.
Project Amount: \$80,000 (sub award)
Role: Co-Principal Investigator

Center for Rehabilitation and Reconstruction Sciences (CRRS), 2014-2016

Funding Organization: Patient Centered Outcomes Research Institute (PCORI)
Title/Objective: HIPAA compliant data analytics infrastructure for health sciences research.
Sub-Project Amount: \$105,000 (sub award)
Role: System Director

Secure Services – Data Center, 2014-2020

Funding Organization: SCANA Corporation
Title/Objective: Facilitating HIPAA Compliant data and web services infrastructure.
Total Award: \$54,000 in-kind gift.
Role: System Director.

South Carolina Rural Health Research Center, 2013-2018

Funding Organization: Health Resources and Services Agency
Title/Objective: Web based data collection and decision support tool for nurse home visitors to collect and store data needed for the evaluation of Maternal, Infant, and Early Childhood Home Visitation Program grant.
Project Amount: \$197,000 (sub award)
Role: Co-investigator.

Department of Health Services Policy and Management, University of South Carolina, 2013

Funding Organization: Blue Cross Blue Shield of South Carolina Foundation
Title/Objective: Develop and manage a web-based survey and data analytics capability for “Organizational Census and Market Analysis”.
Project Amount: \$50,000 (sub award)
Role: Director, Co-investigator.

South Carolina Rural Health Research Center, 2013

Funding Organization: U.S. Department of Health and Human Services, Health Resources and Services Administration.
Title/Objective: Developing web-based survey to assess the interest in and feasibility of using Tele-Dentistry in South Carolina.
Sub-Project Amount: \$2,000
Role: Principal investigator.

University of South Carolina, College of HRSM, 2013

Funding Organization: Internal grant
Title/Objective: Quality in healthcare service delivery: Measuring the role and impact of information technology on decision to adopt hospital accreditation.
Project Amount: \$5,000
Role: Principal investigator.

South Carolina Rural Health Research Center, 2013

Funding Organization: The American Thrombosis and Hemostasis Network/USDHHS/HRSA/MCHB.
Title/Objective: Developing web-based survey for the evaluation II of The American Thrombosis and Hemostasis Network.
Sub-Project Amount: \$1,700
Role: Principal investigator.

Manatee County Chamber of Commerce, 2008

Funding Organization: Manatee County Government
Title/Objective: Health System Assessment: Factors that Affect the Efficacy of Health Care Delivery in Manatee County.
Project Amount: \$267,000
Role: Director, Co-investigator

U.S. Department of Education, 2005-2006

Funding Organization: U.S. Department of Education
Title/Objective: Advancement of Health Practice and Policy Formation.
Project Amount: \$74,400
Role: Director and Co-investigator

U.S. Health Resources & Service Administration, 2004-2006

Funding Organization: HRSA U.S. Department of Health & Human Services
Title/Objective: Advancement of Health Practice and Policy Formation.
Project Amount: \$688,911
Role: Director and Co-investigator

University of South Florida Collaborative for Children, Families & Communities Faculty Grant project, 2002

Funding Organization: Internal grant
Title/Objective: Differences between Physicians and Nurses: Perception of Usability of Clinical Information Systems.
Project Amount: \$10,000
Role: Co-investigator.

Human Resources Office, Department of Mental Retardation and Hospitals, Rhode Island, 1997

Funding Organization: State of Rhode Island
Title/Objective: Information System Need Assessment and Information Flow Analysis.
Project Amount: \$10,000
Role: Co-investigator.

American Society for Quality Control, 1996

Funding Organization: American Society for Quality
Title/Objective: Experiences of U.S. and Foreign owned Firms: A New Perspective on ISO 9000 Implementation.
Project Amount: \$10,000
Role: Co-investigator.

REFEREED PUBLICATIONS

Peer Reviewed Journals

1. Liang, C., Liu, J., Hung, P., Zhang, J., Ghumman, N., Campbell, B., Olatosi B, Hikmet, N., Li, X., (2023). "Risk for Stillbirth among Pregnant Individuals with SARS-CoV-2 Infection Varied by Gestational Age". *American Journal of Obstetrics & Gynecology*.
2. Ali Iskender, Ercan Sirakaya-Turk, David Cardenas & Neset Hikmet (2022) Restaurant patrons' intentions toward QR code menus in the U.S. during COVID-19: acceptance of technology adoption model (ATAM), *Journal of Foodservice Business Research*, DOI: [10.1080/15378020.2022.2133518](https://doi.org/10.1080/15378020.2022.2133518)
3. Liu J, Hung P, Liang C, Zhang J, Qiao S, Campbell B, Olatosi B, Torres ME, Hikmet N, Li X., (2022). "Multilevel Determinants of Racial/Ethnic Disparities in Severe Maternal Morbidity and Mortality in the Context of the COVID-19 Pandemic in the United States: protocol for a concurrent triangulation, mixed methods study". *BMJ Open*.
4. Miller, S., Schooley, B., Hikmet, N., Duhon, P., Strange, C., Dixon, J., and Clark, A. K., (2021). "Evaluation of Remote Patient Monitoring App for Spirometry Patients". *Respiratory Care*, 66 (Suppl 10) 3604823
5. McRell AS, Holmes CE, Singh A, Levkoff SE, Schooley B, Hikmet N, Seay KD, (2021). "Youth in Foster Care and the Reasonable and Prudent Parenting Standard". *Child Maltreatment*, 26(3):302-312. doi:10.1177/1077559520957748
6. Schooley B, Singh A, Hikmet N, Brookshire R, Patel N (2020). "Integrated Digital Patient Education at the Bedside for Patients with Chronic Conditions: Observational Study". *JMIR Mhealth Uhealth*, 8(12):e22947, doi: 10.2196/22947

7. McRell, A. S., Holmes, C. E., Singh, A., Levkoff, S. E., Schooley, B., Hikmet, N., and Seay, K.D., (2020). "Youth in Foster Care and the Reasonable and Prudent Parenting Standard". *Child Maltreatment*. DOI: 10.1177/1077559520957748
8. Feldman, S.S., Hikmet, N., Modi, S., and Schooley, B., (2020). "Impact of Provider Prior Use of HIE On System Complexity, Performance, Patient Care, Quality and System Concerns". *Information Systems Frontiers*. <https://doi.org/10.1007/s10796-020-10064-x>
9. Celik, S., Hikmet, N., Unal, I. (2017). "Health Information Technology in Nursing: Views and Attitudes of Nurse Managers". *Hacettepe Journal of Health Administration*, v20 n4, pp 397-407.
10. Celik, S., Hikmet, N., Celik, Y., and Khan, M. (2017). "The Factors Affecting Life Satisfaction of Older People in Turkey". *The International Journal of Aging and Human Development*. <https://doi.org/10.1177/0091415017740677>.
11. Noxon, N., Norris, L., Chen, B., Tony, Y.Y., Qureshi, Z., Hrushesky, W., Lebby, A., Schooley, B., Hikmet, N., Dickson, M., Thamer, M., Cotter, D., and Bennett, C.L., (2017). "A Tale of Two Erythropoiesis Stimulating Agents (ESAs): Utilization, dosing, litigation, and costs of Darbepoetin and Epoetin among South Carolina Medicaid-Covered Cancer Patients with Chemotherapy-Induced Anemia". *Journal of Oncology Practice*. 13, no. 6, e562-e573.
12. Bhattacharjee, A., Davis, C. J., Connolly, A., and Hikmet, N. (2017). "User response to mandatory IT use: a Coping Theory perspective". *European Journal of Information Systems*, DOI: 10.1057/s41303-017-0047-0
13. Tarcan, M., Hikmet, N., Schooley, B., Top, M., and Tarcan, G. Y., (2017). "An Analysis of the Relationship between Burnout, Socio-Demographic and Workplace Factors and Job Satisfaction among Emergency Department Health Professionals". *Applied Nursing Research*, v34, pp. 40-47. <http://dx.doi.org/10.1016/j.apnr.2017.02.011>
14. Celik, S., Hikmet, N., Santas, F., Aksungur, A., Topaktas, G., and Turac, I.S. (2017). "Patient Companions in the Turkish Health Care System: The Role, Expectations, and Problems". *Health and Social Care in the Community*. doi:10.1111/hsc.12421.
15. Celik, Y., Khan, M., and Hikmet, N., (2017). "Achieving value for money in health: a comparative analysis of OECD countries and regional countries". *International Journal of Health Policy and Management*. doi:10.1002/hpm.2375.
16. Cengiz, C., Celik, Y., and Hikmet, N. (2016). "Evaluation of Patient Wristbands and Patient Identification Process in a Training Hospital in Turkey". *International Journal of Health Care Quality Assurance*, v29, n8, pp. 820-834. <http://dx.doi.org/10.1108/IJHCQA-04-2016-0052>
17. Schooley, B., Hikmet, N., Tarcan, M., and Tarcan, G. (2016). "Comparing Burnout across Emergency Physicians, Nurses, Technicians, and Health Information Technicians Working for the Same Organization". *Medicine*. 95(10):e2856. doi:10.1097/MD.0000000000002856
18. Schooley, B., Walczak, S., Hikmet, N., Patel, N. (2016). "Impacts of Mobile Tablet Computing on Provider Productivity, Communications, and the Process of Care." *International Journal of Medical Informatics*. v88, pp. 62-70
19. Tarcan, M., Hikmet, N., Tarcan, G., and Top, M. (2014). "Evolution of Nationwide Central Hospital Appointment System (CHAS) Implementation: A Country Study". *Journal of Health Informatics in Developing Countries*. v8, n2, pp. 18-32.

20. Top, M., Tarcan, M., Tekingunduz, S., and Hikmet, N. (2013). "An Analysis of Relationships among Transformational Leadership, Job Satisfaction, Organizational Commitment, Organizational Trust in Two Turkish Hospitals". *International Journal of Health Planning and Management*. v28, n3, pp. e217-e241.
21. Hikmet, N., Banerjee, S., and Burns, M. (2012). "State of Content: Healthcare Executive's Role in Information Technology Adoption". *Journal of Service Science and Management*, v5, n2, pp. 124-31. (DOI: 10.4236/jssm.2012.52016)
22. Hikmet, N., Lin, B. J., and Mooney, J. (2011). "A Path Analysis of the Determinants of Corporate Leverage in Japan". *Journal of Financial and Economic Practice*, v11, n1, pp. 1-8.
23. Bhattacharjee, A., Hikmet, N., Menachemi, N., Kayhan, V. O. and Brooks, R. G. (2010). "The Differential Performance Effects of Healthcare Information Technology Adoption", *EDPACS*, v42, n4, pp. 1-14.
24. Menachemi, N., Matthews, M., Ford, E.W., Hikmet, N., and Brooks, R.G. (2009). "The Relationship between Local Hospital IT Capabilities and Physician EMR Adoption". *Journal of Medical Systems*, v33, n5, pp. 329-335.
25. Pencek, T., Hikmet, N., and Lin, J. B. (2009). "Stock Market Performance of Health Care Initial Public Offerings." *Journal of Business and Economic Studies*, v15, n2, pp. 26-31.
26. Hikmet, N., Taylor, E., and Davis, C. (2008). "The Student Productivity Paradox: Technology Mediated Learning in Schools." *Communications of the ACM*, v51, n9, pp. 128-131.
27. Bhattacharjee, A. and Hikmet, N. (2008). "Reconceptualizing Organizational Support and its Effect on Information Technology Usage: Evidence from the Health Care Sector" *Journal of Computer Information Systems*, v48, n4, pp. 69-76.
28. Davis, C. J. and Hikmet, N. (2008). "Training as Regulation and Development: An Exploration of the Needs of Enterprise Systems Users". *Information and Management*, v45, pp. 341-348.
29. Hikmet, N., Bhattacharjee, A., Menachemi, N., Kayhan, V., and Brooks, R. G. (2008). "The role of organizational factors in the adoption of healthcare information technology in Florida hospitals". *Health Care Management Science*, v11, n1, pp. 1-9.
30. Bhattacharjee, A. and Hikmet, N. (2007). "Physicians' Resistance toward Healthcare Information Technology: A Theoretical Model and Empirical Test". *European Journal of Information Systems*, v16, pp. 725-737.
31. Menachemi, N., Hikmet, N., Bhattacharjee, A., Chukmaitov, A., and Brooks, R. G. (2007). "The Effect of Payer Mix on the Adoption of Information Technologies by Hospitals". *Health Care Management Review*, v32, n2. pp. 102-110.
32. Bhattacharjee, A., Hikmet, N., Menachemi, N., Kayhan, V., and Brooks, R. G. (2007). "The Differential Performance Effects of Healthcare Information Technology Adoption". *Information Systems Management*, v24, n1, pp. 5-14.
33. Menachemi, N., Hikmet, N., Stutzman, M., and Brooks, R. G. (2006). "Investigating Response Bias in an Information Technology Survey of Physicians". *Journal of Medical Systems*, v30, pp. 277-282.

34. Hikmet, N. and Bhattacharjee, A., (2006). "The Impact of Professional Certifications on Healthcare Information Technology Use". *International Journal of Healthcare Information Systems and Informatics*, v1, n3, pp. 58-68.
35. Chotigeat, T., Hikmet, N., and Lin, B. J., (2003). "Size, Profitability, Valuation and Capital Structure: A Structural Equation Model". *Journal of Financial and Economic Practice*, v2, n1, pp. 82-91.
36. Hikmet, N. and Chen, S. K. (2003). "An Investigation into Low Mail Survey Response Rates of Information Technology Users in Health Care Organizations". *International Journal of Medical Informatics*, n72, pp. 29-34.
37. Withers, B., Ebrahimpour, M. and Hikmet, N., (1997). "An Exploration of the Impact of TQM and JIT on ISO 9000 Registered Companies". *International Journal of Production Economics*, v53, n2, pp. 209-216.
38. Ebrahimpour, M., Withers, B. and Hikmet, N., (1997). "Experiences of U.S. and Foreign owned Firms: A New Perspective on ISO 9000 Implementation", *International Journal of Production Research*, v35, n2, pp. 569-576.
39. Dholakia, R., Pedersen, B. and Hikmet, N., (1995). "Married Males and shopping: are they sleeping partners?" *International Journal of Retail & Distribution Management*, v23, n3, pp. 27-33.

Policy Publications

1. Hikmet, N. *et al.* (2013). "Republic of Turkey 2013-2023 Health Transformation Action Plan". Consists of thirteen volumes, 2013.
2. "Health Facilities Requirements". Topic area editor. Republic of Turkey 2013-2023 Health Transformation Action Plan. 2013.

Chapters in Books

1. Schooley, B., Akgun, D., Duhoon, P., Hikmet, N. (2021). "Persuasive AI Voice-Assisted Technologies to Motivate and Encourage Physical Activity". In: Arabnia, H.R., Deligiannidis, L., Shouno, H., Tinetti, F.G., Tran, QN. (eds) *Advances in Computer Vision and Computational Biology. Transactions on Computational Science and Computational Intelligence*. Springer, Cham. https://doi.org/10.1007/978-3-030-71051-4_29
2. Tarcan, G.Y., Celik, Y., Tarcan, M., and Hikmet N. (2017). "Hospital Manager's Attitudes Towards Health Information Technologies: An Evaluation on the Major Dimensions" in *Researches on Science and Art in 21st Century Turkey*. Chapter 153 (pp. 1347-1355). Ed. Arapgirlioglu, H., Atik, A., Elliott, R.L., and Turgeon, E. 1st Edition (ISBN:978-605-180-771-3), Ankara, Turkey: Gece Publishing.
3. Celik, S.S. and Hikmet N. (2017). "Long-Term Health Care Services" in *Population Ageing in Turkey. Social and Health Care Services for Older Persons*. (Ed. Marvin Formosa and Yeşim Gökçe Kutsal). 1st Edition (ISBN:978-999-576-764-8), Malta: Printed by Progress Press, Imriehel.
4. Hikmet, N. and Bhattacharjee, A., 2009. "The Impact of Professional Certifications on Healthcare Information Technology Use," in *Medical Informatics: Concepts, Methodologies*,

Tools, and Applications, Volume 1, (ed.) Joseph Tan, IGI Global, Hershey, PA, 1646-1656. <http://dx.doi.org/10.4018/978-1-60566-050-9.ch126>

5. Hikmet, N. and Bhattacharjee, A., 2008. "The Impact of Professional Certifications on Healthcare Information Technology Use," in *Healthcare Information Systems and Informatics: Research and Practices*, Volume 1, (ed.) Joseph Tan, IGI Global, Hershey, PA, 111-132.
6. Hikmet, N., Westin, S., and Ebrahimpour, M., 1998. "Factors Influencing the Intent to Use Information technology in health Care Organizations" in *Effective Utilization and Management of Emerging Information Technologies*, (ed.) Mehdi Khosrowpour, Idea Group Publishing, Hershey, PA, 702-703.

Refereed Proceedings

1. Hikmet, N., Ural, T. and Atilgan E., (2023). "An Examination of Relationship between Communication Quality, Performance Score, and Recommendation of a Hospital Using Importance-Performance Map Analysis". *Northeast Decision Sciences Institute Conference*, Washington, District of Columbia.
2. Schooley, B., Akgun, D., Duhon, P., and Hikmet, N., (Forthcoming). "Using Persuasive AI Voice Assisted Technologies to Motivate and Encourage Physical Activity". *Transactions on Computational Science and Computational Intelligence*
3. Hikmet, N., Pinto, B., Kindred, M., Duhon, P., Schooley, B., and Sathe, G., (2019). "Modeling an Artificial Intelligence Voice Assisted Physical Activity Virtual Coach for Older Cancer Survivors". *Proceedings of the 2019 INFORMS Healthcare Conference*, Cambridge, Massachusetts.
4. Duhon, P., Schooley, B., and Hikmet, N., (2019). "A Voice Assisted Smart Mirror Interface to Heterogeneous Health Data to Motivate Physical Activity and Personal Wellness". *Proceedings of the 2019 INFORMS Healthcare Conference*, Cambridge, Massachusetts.
5. Celik, Y., Yetim, B., and Hikmet, N., (2018). "Satisfaction with Life and Health Status: Do Country Characteristics Matter". *Northeast Decision Sciences Institute Conference*, Providence, Rhode Island.
6. Neupane, R., Schooley, B., and Hikmet, N., (2018). "Exploratory Data Analytics and Visualization of Characteristics of Sarcopenia Patients in South Carolina: A Data Science Lite Approach". *Northeast Decision Sciences Institute Conference*, Providence, Rhode Island. **Best Undergraduate Research Poster Award.**
7. Tarcan, G. Y., Balcik, P. Y., Sapaz, B., and Hikmet, N., (2017). "Exploring the Association between Regional Development Index and Hospital WEB Site Quality: A Study in the Mediterranean Region of Turkey". *Proceedings of the Northeast Decision Sciences Institute Conference*, Springfield, Massachusetts.
8. Celik, S., Hikmet, N., and Unal, I. (2017). "Health Information Technology in Nursing: Views and Attitudes of Nurse Managers". *Proceedings of the Northeast Decision Sciences Institute Conference*, Springfield, Massachusetts.
9. Tarcan, M., Tarcan, G. Y., Celik, Y., and Hikmet, N., (2017). "Individual and Organizational Factors Affecting the Attitudes of Hospital Managers Towards Health Information

Technologies”. *Proceedings of the Northeast Decision Sciences Institute Conference*, Springfield, Massachusetts.

10. Schooley, B., Hikmet, N., and Atilgan, E., (2016). “Health IT Maturity and Hospital Quality: Effects of PACS Automation and Integration Levels on U.S. Hospital Performance”. *Proceedings of the 2016 International Conference on Computational Science and Computational Intelligence (CSCI'16)*, Las Vegas, Nevada.
11. Feldman, S., Schooley, B., and Hikmet, N., (2016). “Effects of Health Information Exchange on the Process of Care, Patient Care Delivery, Administrative Productivity, and Population Health Outcomes”. *Proceedings of the 2016 INFORMS Annual Conference*, Nashville, Tennessee.
12. Hikmet, N., Schooley, B., and Feldman, S. (2016). “Hospital Information Technology Investment Impacts on Patient Satisfaction, Clinical Performance, Efficiency, and Patient Outcomes”. *Proceedings of the 2016 INFORMS Annual Conference*, Nashville, Tennessee.
13. Celik, S., Celik, Y., Hikmet, N., and Younis, M. Z. (2016). “Uncertain Future of Long-term and healthcare Services for the Elderly: Turkey Case”. *Western Economic Association International 91st Annual Conference*, Portland, Oregon.
14. Tarcan, M., Hikmet, N., Schooley, B., and Tarcan, G. (2015). “Exploring Factors Affecting Information Security Management in Hospitals”. *Proceedings of the National Decision Sciences Institute Conference*, Seattle, Washington.
15. Hikmet, N., Schooley, B., Tarcan, M., and Tarcan, G. (2015). “Healthcare Information Handler’s Propensity to Hospital Information Security Policies”. *Proceedings of SE-INFORMS Conference*, Myrtle Beach, South Carolina.
16. Hikmet, N. and Schooley, B., (2015). “Effects of Healthcare Information Technology on Practice Performance”. *Proceedings of INFORMS Healthcare Conference 2015*, Nashville, Tennessee.
17. Hikmet, N., Schooley, B., and Bhattacharjee, A., (2014). “Effects of Healthcare Information Technology on Hospital Performance”. *Proceedings of the National Decision Sciences Institute Conference*, Tampa, Florida. **Nominated for “Best Paper in Track Award”.**
18. Tarcan, M., Hikmet, N., Tarcan, G. (2014). “Evaluation Information Security Practices at Hospitals: Case from Eskisehir”. *Proceedings of the 8th Congress on Health and Hospital Administration*. Girne, Turkish Republic of Northern Cyprus.
19. Schooley, B. and Hikmet, N. (2013). “Design of an Enterprise Architecture for Electronic Patient Care Record (ePCR) Information Exchange in EMS”. *Proceedings of the Nineteenth Americas Conference on Information Systems (AMCIS 2013)*, Chicago, Illinois.
20. Bhattacharjee, A. Davis, C., and Hikmet, N. (2013). “Why Some Physicians Accept Healthcare Information Technology and Others Resist It: An Activity-Theoretic Analysis.” *Proceedings of the 12th International Decision Sciences Institute Conference*, Bali, Indonesia.
21. Galterio, L. and Hikmet, N. (2013). “To ‘Connect’ or ‘Not to Connect’.” *Proceedings of the Northeast Decision Sciences Institute Conference*, Brooklyn, New York.
22. Tarcan, G., Hikmet, N., Tarcan, M., and Top, M., (2013). “Transformational Leadership, Job Satisfaction, Organizational Commitment, Organizational Trust in Turkish Public Hospitals:

- Public Servants versus Private Employees.” *Proceedings of the Northeast Decision Sciences Institute Conference*, Brooklyn, New York.
23. Tarcan, M., Hikmet, N., Tarcan, G., Top, M., and Sapaz, B., (2013). “An Investigation on Implementation of Central Hospital Appointment System (CHAS) in Turkey.” *Proceedings of the Northeast Decision Sciences Institute Conference*, Brooklyn, New York.
 24. Bhattacharjee, A. Davis, C., and Hikmet, N. (2013). “Physician Reactions to Healthcare IT: An Activity-Theoretic Analysis”. *Proceedings of the Hawaii International Conference on System Sciences (HICSS)*, Big Island, Hawaii.
 25. Hikmet, N. and Banerjee, S., (2009). “A Comparative Analysis of Perception of the State of Healthcare System: Views of Patients vs. Providers”. *Proceedings of the National Decision Sciences Institute Conference*, New Orleans, Louisiana.
 26. Kayhan, V.O., Hikmet, N., and Bhattacharjee, A., (2009). “Managing Healthcare Knowledge: The Role of Governance”. *Proceedings of the National Decision Sciences Institute Conference*, New Orleans, Louisiana. Received “**Distinguished Track Award**”.
 27. Hikmet, N. and Banerjee, S., (2009). “Role of Information Technology in Enhancing Health Services Delivery to the Less Affluent Before, During, and After an Emergency”, *Proceedings of the International Conference ISDSI 2009* held in IIT Mumbai, India.
 28. Bhattacharjee, A., Davis, C., Hikmet, N., and Kayhan, V. (2008). “User Reactions to Information Technology: Evidence from the Healthcare Sector.” *Proceedings of the Twenty-Eighth International Conference on Information Systems (ICIS)*, Paris, France.
 29. Bhattacharjee, A. and Hikmet, N., (2008). “Enablers and Inhibitors of Healthcare Information Technology Adoption: Toward a Dual-Factor Model”. *Proceedings of the Fourteenth Americas Conference on Information Systems (AMCIS 2008)*, Toronto, ON, Canada.
 30. Mangiameli, P., Mowerman, I., and Hikmet, N. (2007). “Hospital Patient Fall Characteristics: A Data Mining Ensemble Compared to Logistic Regression and Classification Trees.” *Proceedings of the National Decision Sciences Institute Conference*, Phoenix, Arizona.
 31. Pencek, T., Lin, B., and Hikmet, N. (2007). “Stock Market Performance of Health Care: Initial Public Offerings.” *Northeast Decision Sciences Institute Conference*, Baltimore, Maryland.
 32. Decker, D., Kayhan, V., and Hikmet, N. (2007). “The Societal and Academic Implications of Electronic Games Use”. *Northeast Decision Sciences Institute Conference*, Baltimore, Maryland.
 33. Bhattacharjee, A. and Hikmet, N. (2006). “Physicians’ Resistance toward Healthcare Information Technologies: A Dual Factor Model,” *Proceedings of the Hawaii International Conference on System Sciences (HICSS)*, Big Island, Hawaii.
 34. Menachemi, N., Bhattacharjee, A., Hikmet, N. (2006). “The Effect of Payer Mix on the Adoption of Information Technologies by Hospitals”. *2006 Southern Management Association Meeting*, Clearwater, Florida.
 35. Hikmet, N., Davis, C. J., and Hockett, K., (2006). “Uncovering the Antecedents for Measuring the Nursing’s Contribution to Quality of Care Provided to Patients: Role of Health Information Technology on the Care Coordination”. *Proceedings of the Twelfth Americas Conference on Information Systems (AMCIS 2006)*, Acapulco, Mexico.

36. Hikmet, N. and Kayhan, O. V. (2006). "An Implementation of Business Process Reengineering: Improved Healthcare Planning During Emergency Relief Operations". *Northeast Decision Sciences Institute Conference*, San Juan, Puerto Rico.
37. Lin, B. and Hikmet, N. (2006). "A Conceptual Model for Measuring the Potential of a Joint-Venture". *Northeast Decision Sciences Institute Conference*, San Juan, Puerto Rico.
38. Quilliam, W., Hikmet, N., and Burns, M. (2005) "Enhanced Audit Risk Model: A Conceptual Framework for Medical Claims Fraud/Error Prevention/Detection using IT". *CLUTE Institute for Academic Research. International Business and Economics Research Conference*, Las Vegas, Nevada. Received "**Best Paper in the Track Award**".
39. Hikmet, N. and Burns, M. (2004). "Health Care Executives: The Association between External Factors, Use, and Their Perceptions of Health Information Technology ". *Proceedings of the Tenth Americas Conference on Information Systems (AMCIS 2004)*, New York, New York.
40. Hikmet, N. and Ebrahimpour, M. (2001). "A Data Repository Model for Improving Efficiency and Accuracy in Accessing Health Care Information", *Proceedings of the Northeast Decision Sciences Institute Conference*, Pittsburgh, Pennsylvania.
41. Hikmet, N., Ebrahimpour, M. and Rampal, R. (2000). "The Use of Groupware as a Facilitator for Quality Improvement Teams in Health Care Organizations", *Proceedings of the Northeast Decision Sciences Institute Conference*, Atlantic City, New Jersey.
42. Hikmet, N., Curran, J. and Ebrahimpour, M., (1999). "Patient Perception of the IT Enabled Preventive Medicine", *Proceedings of the Northeast Decision Sciences Institute Conference*, Newport, Rhode Island.
43. Hikmet, N. and Ebrahimpour, M., (1998). "On the Adoption and Utilization of Information Technology in Health Care Organizations: A Model for Changing Times", *Proceedings of the National Decision Sciences Institute Conference*, Las Vegas, Nevada.
44. Hikmet, N., Westin, S. and Ebrahimpour, M., (1998). "Factors Influencing the Intent to Use Information Technology in Health Care Organizations", *Proceedings of the IRMA International Conference*, Boston, Massachusetts.
45. Curran, J., Hikmet, N. and Ebrahimpour, M., (1998). "The Health Care Service Encounter: A View from Both Sides", *Proceedings of the Northeast Decision Sciences Institute Conference*, Boston, Massachusetts.
46. Hikmet, N., Ebrahimpour, M., Mangiameli, P. and Westin, S., (1997). "An Examination of a Community Health Care Organization's Patient Scheduling: A Preliminary Study Using Logistic Regression Model", *Proceedings of the National Decision Sciences Institute Conference*, San Diego, California.
47. Cohen, R., Hikmet, N. and Ebrahimpour, M., (1997). "Information Technology and Preventive Medicine: A Vision to Improve the Quality of Care Delivered at Community Health Care Clinics", *Proceedings of the National Decision Sciences Institute Conference*, San Diego, California.
48. Hikmet, N., Ebrahimpour, M. and Withers, B., (1997). "ISO 9000 Registration and Competitive Advantage of a Firm: A Structural Equation Model Analysis", *Proceedings of the Northeast Decision Sciences Institute Conference*, Annapolis, Maryland.

49. Withers, B., Ebrahimpour, M. and Hikmet, N., (1996). "The Implications of Sourcing Practices on ISO 9000 Registration", *Proceedings of the National Decision Sciences Institute Conference*, Orlando, Florida.
50. Withers, B., Ebrahimpour, M. and Hikmet, N., (1996). "Quality as a Competitive Tool and Its Implication on ISO 9000 Registration: TQM versus Non-TQM Firms", *Proceedings of the Northeast Decision Sciences Institute Conference*, St. Croix, U.S. Virgin Islands.
51. Withers, B., Ebrahimpour, M. and Hikmet, N., (1996). "ISO 9000 and Strategic Sourcing: An Analysis", *Proceedings of the Western Decision Sciences Institute Conference*, Seattle, Washington.
52. Ebrahimpour, M., Withers, B. and Hikmet, N., (1995). "A Comparative Empirical Study on ISO 9000 Implementation by US and Foreign Owned Companies Operating in the US", *Proceedings of the National Conference of the Decision Science Institute*, Boston, Massachusetts.

Conference Abstracts – Presentations – Poster Sessions

1. Hung P, Liu, J, Liang C, Lyu T, Zhang J, Promiti AB, Shih Y, Campbell BA, Hikmet N, Olatosi B, Shi K, Li X. Residential Social Determinants of Health and Severe Maternal Morbidity During the COVID-19 Pandemic in the United States [Podium Presentation]. *AcademyHealth Annual Research Meeting 2023*, Seattle, WA. June 27, 2023. Upcoming.
2. Hikmet, N. and Atilgan H., (2023). "Reciprocity of Relationships Helps Increase Resilience: Strengthening Social Support through Social-Behavior Ceuticals". *Northeast Decision Sciences Institute Conference*, Washington, District of Columbia.
3. Hikmet, N. and Tarcan, M., (2023). "Impact of COV-19 Pandemic on burnout and job satisfaction among emergency department health professionals". *Northeast Decision Sciences Institute Conference*, Washington, District of Columbia.
4. Branch, B., Zuccarelli, L., Glenn, T., Sullivan, M., Hikmet, N., Wright, B., Green, J., and Zelek, C., (2023). "A SEEDS' Secure Federated Framework for Global Food Security and Climate Intelligence Data Repositories". *Northeast Decision Sciences Institute Conference*, Washington, District of Columbia.
5. Hikmet, N., Tarcan, G.Y., and Saygili, M., (2023). "The Effect of Socio-Demographical Characteristics on Leader Member Interaction During the Covid-19 Pandemic Process: An Evaluation of Healthcare Professionals". *Northeast Decision Sciences Institute Conference*, Washington, District of Columbia.
6. Hikmet, N., Tarcan, G.Y., Saygili, M., Karahan, A., & Sebik, N.B., (2023). "Cyberchondry (Css-12) Severity Scale: A Specific Application to Health Information". *Northeast Decision Sciences Institute Conference*, Washington, District of Columbia.
7. Liu, J., Hung, P., Liang, C., Zhang, J., Tianchu, L., Promiti, A., Shih, Y., Campbell, B., Olatosi, B., Shi, K., Hikmet, N., & Li, Xi., (2023). "SARS-CoV-2 Infections and Severe Maternal Morbidity in the United States: A National Retrospective Cohort Study". *Southeast Decision Sciences Institute Conference*, Wilmington, North Carolina.
8. Hung, P., Liang, C., Liu, J., Zhang, J., Tianchu, L., Promiti, A., Shih, Y., Campbell, B., Olatosi, B., Shi, K., Hikmet, N., & Li, Xi., (2023). "Maternal Residence Social Determinant

of Health and Adverse Outcomes During the COVID-19 Pandemic: A Real-World Analysis of National Electronic Health Records Data”. *Southeast Decision Sciences Institute Conference*, Wilmington, North Carolina.

9. Seay, K.D., Flynn, C., Levkoff, S., Hikmet, N., Schooley, B., Rosemond, T.N., & Baughman, A. (2020, January). “Physical and behavioral health care use of former foster youth at age 21.” *Society for Social Work and Research 24th Annual Research Meeting*, Washington, DC.
10. Seay, K.D., McRell, A.S., Pace, S., Hikmet, N., Levkoff, S., & Schooley, B. (2020, January). “The need for data integration and the maintenance of accurate health and educational records for children in foster care.” *Society for Social Work and Research 24th Annual Research Meeting*, Washington, DC.
11. Schooley, B., Patel, N., Killian, J., Hikmet, N. (2019). “Mobile and integrated digital patient education at the bedside”. *Annual AMIA Clinical Informatics Conference*, Atlanta, Georgia.
12. Singh, A., Schooley, B., Hikmet, N., and Brooks, J. (2018). “Design of a digital health system for preventing childhood sports injuries” *39th International Conference on Information Systems*, San Francisco, California.
13. Schooley, B. and Hikmet, N. (2018). “Design and implementation of a digital health system for preventive behavioral and social health visits of at-risk families” *39th International Conference on Information Systems*, San Francisco, California.
14. Schooley, B., Hikmet, N., Brooks, J. and Thigpen, C. (2018). “User Experience Design of a Patient Reported Outcome System for Musculoskeletal Care” *24th Americas Conference on Information Systems (AMCIS)*, New Orleans, Louisiana.
15. Seay, K.D., Flynn, C., Hikmet, N., Levkoff, S., Schooley, B., McRell, A.S., & Redmond, P.H., Jr. (2018). “Enhancing health and educational outcomes for children in foster care through integrated data”. *The American Professional Society on the Abuse of Children 26th Annual Colloquium*, New Orleans, LA.
16. Yildiz, M. S., Khan, M., and Hikmet, N., (2013). “Turkey as a medical tourism destination: Cost-advantage, specialization and subsequent quality improvement in medical tourism hubs”, International Health Economics Association, 9th World Congress, 7-10 July 2013, Sydney, Australia.
17. Hikmet, N. (2012) Forum presenter. “Universities addressing the talent gap”. *Big Data and Analytics Academic Track @ IBM Information on Demand (IOD) Conference* Las Vegas, Nevada.
18. Hikmet, N., Zeybek, H., and Ebrahimpour, M. (2010). “Exploring E-Commerce Assimilation Gap in Small Firms: A Knowledge Management Capability Perspective”. *Northeast Decision Sciences Institute Conference*, Alexandria, Virginia.
19. Menachemi, N., Bhattacharjee, A., Hikmet, N., Kayhan, V., and Brooks, R. G., (2006). “The Effect of IT Adoption on JCAHO Performance Scores in Florida Hospitals”. *Poster Program at the AcademyHealth 2006 Annual Research Meeting*, Seattle, Washington.
20. N. Hikmet and R. Rampal., (2005). “Adoption of IT in Healthcare: are the key players a homogeneous group?” *Decision Sciences Conference*, San Francisco, California.

21. Rampal, R. and Hikmet, N. (2004). "The Applicability of the Technology Acceptance Model in the Context of IT Acceptance in Health Care: An exploratory study". *Proceedings of the ISOneWorld*, Las Vegas, Nevada.
22. Hikmet, N. and Rampal, R. (2002). "Impact of Physicians Home IT Usage on Workplace IT Use Intention", *Proceedings of the National Decision Sciences Institute Conference*, San Diego, California.
23. Hikmet, N., Rampal, R, and Ebrahimpour, M. (2000). "Impact of Physicians Home IT Usage on Workplace IT Satisfaction – An Exploratory Study", *Proceedings of the National Decision Sciences Institute Conference*, Orlando, Florida.
24. Rampal, R. and Hikmet, N., (1999). "The Use of the World Wide Web for Inter-organizational Coordination: A Case Study", *National Decision Sciences Institute Conference*, New Orleans, Louisiana.
25. Hikmet, N., Abrahamson, K. and Ebrahimpour, M., (1999). "In Response to the Market Pressures: Complying with the Certification Requirements", *INFORMS*, Cincinnati, Ohio.
26. Hikmet, N., (1998). "On the Adoption of Information Technology in Health Care organizations: A Structural Equation Modeling Approach", Doctoral Symposium, *1998 IRMA International Conference*, Boston, Massachusetts.
27. Ebrahimpour, M., (1997). "ISO 9000 Implementation in U.S. Manufacturing Companies: Some Results from a Survey," co-authors N. Hikmet and B. Withers, *51st Annual Quality Congress*, Orlando, Florida.
28. Ebrahimpour, M., (1997). "How Does ISO 9000 Registration Affect Competitive Advantage," coauthors N. Hikmet and B. Withers, *Joint International Conference EUOR (XV) & INFORMS (XXXIV)*, Barcelona, Spain.
29. Dholakia, N. and Hikmet, N., (1996). "Electronic Commerce and the Next Stage of Globalization of Markets", *American Marketing Association*, 1996 Summer Educators' Conference, San Diego, California.

WORKSHOPS

1. Branch, B., Zuccarelli, L., Glenn, T., Sullivan, M., Hikmet, N., Wright, B., Green, J., and Zelek, C., "A SEEDS' Secure Data Repository OKD SNO Edge Framework". *Northeast Decision Sciences Institute 2023 Annual Conference*, Washington, District of Columbia

PATENTS APPLIED

A Clark, P Duhoon, B Schooley, N Hikmet, J Dixon – "Spirometry data systems, methods, and apparatuses". US Patent App. 17/694,072, 2022

GRADUATE STUDENT ADVISING - SUPERVISION

Ph.D. Dissertation Committee (Chair or Co-Chair)

Gamze Y. Tarcan. (Co-Chair). "Uncovering the organizational, environmental and the personal factors that may affect administrative staff's attitude towards information technology in health care organizations". Hacettepe University, Ankara Turkey, (Granted: April 2015).

Ph.D. Dissertation Committee Memberships

Akanksha Singh. “Advanced Data Structure for Large Scale Health Care Informatics”. University of South Carolina, (Expected 2023).

Abdulmalik A. Alhammad. “An Investigation into Magnet Hospitals’ Performances”. University of South Carolina, (Expected 2020).

Varol Kayhan. (Committee member). “Managing Knowledge Repositories: The Role of Governance Mechanisms”. University of South Florida, (Granted: June 2009).

Academic Advising

Doctoral Program Enrollees, 2013 - Present

Serdar Aydin, (Graduate Research Assistant). “Assessing the Value of Information Technology Investment in Privately Held Hospitals”. Arnold School of Public Health, University of South Carolina, (2017).

Nihan Fila, (Graduate Research Assistant). “An Analysis of ROI in Rural Health Expenditures in Developing Nations: A Comparative Study of Nations”. Arnold School of Public Health, University of South Carolina, (Expected 2019).

University of South Carolina Federal Student Work Experience, 2016 - Current

Funding Organization: Health IT Consortium, Department of Integrated Information Technology (HITC), University of South Carolina

Title/Objective: IT - WEB and Django Development Assistant

Funding: Federal Government and HITC

Role: Faculty advisor/supervisor for Tyler Dupre.

Master of Health Information Technology, 2012 - 2015

Funding Organization: University of South Carolina

Title/Objective: Academic advising and mentoring.

Project Amount: N/A

Role: Advised over seventy MHIT students.

University of South Carolina Student Work Experience, 2014

Funding Organization: Palmetto Health System

Title/Objective: Hospital health information technology projects and initiatives.

Project Amount: \$3,200

Role: Faculty advisor for Miles Madden.

University of South Carolina Student Work Experience, 2012

Funding Organization: North Hills Medical Center.

Title/Objective: Meaningful Use assessment and reporting.

Project Amount: \$1,800

Role: Faculty advisor for Nikhil Joshi.

TEACHING EXPERIENCE

Graduate Courses

Management of Health Information Systems

Telecommunications for Health Information Technology

Health IT Database Systems

Large Scale Health Information Systems
Seminar on Behavioral IS Research (Ph.D. seminar, co-taught)
Information Technology in Medical Care
Integrated Business Applications II (Information Technology component)
International Aspects of Information Systems
Management Information Systems
Managing Information Resources
Computing for Management
Operations Management & Quality Enhancement

Undergraduate Courses

Introduction to Aerospace, co-taught)
Database Systems in Information Technology
Sectoral Solutions - Global Expertise
Information Technology Service Management
Business Application Development
Managing Information Resources
Information Systems for Management
Data Communications and Networking
Applied MIS Development Project
Information Systems in Organizations
Information Resource Management
Business Systems Integration
Production and Operations Management
Hospitality Information Systems
Computers in Business
Business Computing Applications

TEACHING/RESEARCH EXPERIENCE as a GRADUATE STUDENT

1995 -1999 Adjunct Instructor
College of Continuing Education, University of Rhode Island
1998 -1999 Adjunct Instructor
College of Business Administration, University of Rhode Island
1997 Adjunct Instructor
Management Department, Bryant College

PROFESSIONAL ORGANIZATION SERVICES

Committee Membership

2013 - 2015 Program and Meetings Committee - Decision Sciences Institute, USA.
2011 - 2012 Advisory Board – ARTEV, Research Driven Intellectual Property Consortium,
Turkey.

2010 - 2012 Advisory Council Member - Microsoft Dynamics Academic Alliance, USA.

Administrative Services

2018/2019 President - Northeast Decision Sciences Institute, USA.

Permanent Advisory Board Member - Northeast Decision Sciences Institute, USA.

2017/2018 President Elect - Northeast Decision Sciences Institute, USA.

2013/2016 Board Member - Northeast Decision Sciences Institute, USA.

2011/2012 President - Northeast Decision Sciences Institute, USA.

2010/2011 President Elect - Northeast Decision Sciences Institute, USA.

2009/2010 Program Chair - Northeast Decision Sciences Institute 2010 Conference, Alexandria, VA.

2008/2009 Vice President – Programs, Northeast Decision Sciences Institute.

2006/2008 Treasurer, Northeast Decision Sciences Institute.

2007 Program Chair, 2007 Conference on Healthcare in Florida, Sarasota, FL.

2000/2001 Vice-President - Technology, Northeast Decision Sciences Institute.

Journal Review Services

2009- Reviewer for *Communications of the Association for Information Systems*.

2007 - Reviewer for *Decision Sciences Institute Journal*.

2007 - Reviewer for *Health Care Management Review*.

1999 - Reviewer for *Health Care Management Science*.

Conference Services

2013 Health Care Track Chair, 2014 Decision Sciences Institute Conference, Tampa, FL.

2009 Local Arrangements Coordinator, 2009 Decision Sciences Institute Conference, New Orleans, LA.

2009 Health Care Track Chair, 2009 Decision Sciences Institute Conference, New Orleans, LA.

2009 Health Care Management Track Chair, 2009 Decision Sciences Institute International Meeting, Nancy, France.

2001 Service and Health Care Management Track Chair, 2001 Northeast Decision Sciences Conference, Pittsburgh, PA.

1999 MIS/DSS/IS Track Co-Chair, 2000 Northeast Decision Sciences Conference, Atlantic City, NJ.

1999 Service and Health Care Management Track Chair, 1999 Northeast Decision Sciences Conference, Newport, RI.

1998 Special Sessions Track Chair, 1998 Northeast Decision Sciences Conference, Boston, MA.

1998 Session Chair, “Collaborative Systems”. *Northeast Decision Sciences Conference*, Boston, MA.

1995 Session Chair, "Patents and International Competitiveness". *Northeast Decision Sciences Conference*, Providence, RI.

Invited Speaker

2010 *Issues in Healthcare Sector: Healthcare Systems Standards and Certification*, Microsoft, Istanbul, Turkey.

2010 Recommendations for Engineering Education Innovations, "Conference on Significance of Knowledge and Maturity in Engineering Education", Antalya, Turkey.

2010 Dynamics Academic Alliance, Microsoft, Istanbul, Turkey.

2008 MBA program at Crummer Graduate School of Business, Winter Park, FL.

1997-2000 Executive MBA program at the University of Rhode Island, Kingston, RI.

1997 Centro Attivita' Scolastiche Italiane in the professional development lecture and development series, "Lingua e Cultura dell'Italia 1946-1996: I primi 50 anni della Repubblica", Providence, RI.

AWARDS - CERTIFICATES

2013 Certificate of Completion, IBM Academic Initiative Smarter Analytics Teach the Teacher (T3) Training. May 20-24, 2013.

2012 Certificate of Attendance, 2012 South Carolina HIMSS Annual Conference, October 18, 2012. (5 CPHIMS CE credits).

2012 Certificate of Participation, "Barcelona Tutorials in Efficiency and Productivity", conducted by Prof. Subash C. Ray. March 16-17, 2012, Kadir Has University, Turkey

2011 Certificate of Completion, ArcGIS Desktop I. ESRI, Charlotte, North Carolina

2009 Letter of Commendation - Local Arrangements Coordinator for the Decision Sciences Institute's 40th Anniversary Annual Meeting in New Orleans, Louisiana

2009 Distinguished Track Award - National Decision Sciences Institute Conference, New Orleans, Louisiana

2006 USF Sarasota-Manatee Certificate of Achievement for Five Years of Continuous Service at USF Sarasota-Manatee

2006 USF Sarasota-Manatee Certificate of Honor for Professional Accomplishments and Academic Achievements

2005 Best Paper in the Track Award - CLUTE Institute for Academic Research. International Business and Economics Research Conference, Las Vegas.

2001 Certificate of Merit - Northeast Decision Sciences Institute - Significant Contribution to Conference

2000 Certificate of Merit - Northeast Decision Sciences Institute - Significant Contribution to Conference

2000 Inducted to Beta Gamma Sigma -

- 1999 Certificate of Merit - Northeast Decision Sciences Institute - Significant Contribution to Conference
- 1997 College of Business Administration's Graduate Student Instructional Excellence Award.
- 1996 College of Business Administration Dean's Award for Academic Achievement.
- 1995 Junior Achievement Fellowship. Taught Economics to the senior class at the Westerly High School, Westerly, Rhode Island
- 1995-1998 Graduate Research Assistant, Department of Management Science and Information Systems, College of Business Administration, University of Rhode Island.
- 1993-1995 Graduate Assistant, Research Institute for Telecommunications & Information Marketing, College of Business Administration, University of Rhode Island.

COMMITTEE MEMBERSHIPS

University of South Carolina

- Faculty Senate Information Technology Co-chair
- Faculty Senate Steering Committee Member
- Faculty Senate Representative
- College Graduate Programs Committee Member
- College International Activity Committee Member

Nicholls State University

- MBA/EMBA Program, Graduate Faculty Advisor
- Information Systems Club, Faculty Advisor
- Information Systems Program Advisory Board, Faculty Liaison

Community

- South Carolina Research Authority (SCRA) "Collaboration Center in Population Health" Feasibility Assessment Collaboration Team (FACT), Co-lead.
- Southwest Florida Regional Health Information Network, Board Member.
- SunCoast Workforce Development, Bi-County Healthcare Committee.
- Sarasota County Health and Human Services, Emergency Operations Planning, Data Integration Committee.
- State of Florida, Agency for Health Care Administration, Privacy and Security Project Implementation Workgroup.

University of South Florida

- Vice-Chair, Sarasota Manatee Campus Faculty Governance Association.
- Member, Faculty Curriculum Team, commissioned by the USF President to develop the core requirements for a new bachelor's degree in Health Science.
- College of Business Administration Dean Search Committee, Sarasota-Manatee Campus Representative.
- Chair for Management Faculty Search Committee.
- Chair for Marketing Faculty Search Committee.

University of Rhode Island, College of Business Administration

Graduate Students Representative:

- Computer Advisory Committee.
- New Building Committee.
- Technology Advisory Committee.

PROFESSIONAL ORGANIZATION MEMBERSHIP

American Health Information Management Association

Association for Computing Machinery

Association for Computing Machinery Special Interest Group on Health

Association of Information Systems

Beta-Gamma-Sigma

Decision Sciences Institute

Healthcare Information and Management Systems Society

Healthcare Information and Management Systems Society, South Carolina Chapter

Institute for Operations Research and the Management Sciences

Istanbul Chamber of Commerce

Northeast Decision Sciences Institute

Turkish Chamber of Engineers

World Future Society.

CONSULTING / ADVISORY SERVICES

EnQ LLC

2018 - 2020 eCPAT: Advancing public park information and technology resources to diverse audiences for healthy communities. NIH for Small Business Technology Transfer Grant (STTR R41/R42). \$224,981

Carolina Institute of Technology (CIT)

2017- Advisory Board Member. Not-for-Profit charitable educational and research organization.

AAAS – American Association for the Advancement of Science

2015 Expert Evaluator – Connecticut Bioscience Innovation Fund grant application.

SunCoast RHIO

2012- Advisor for Consulting, Statistics and Trend Analysis.

Republic of Turkey – Prime Ministry - The Undersecretariat of Treasury.

2010-2011 “Compliance Audit (Pre-accreditation review) on behalf of the CAO and NAO of Turkey regarding IPARD accreditation”. Provided consulting services to Grant Thornton Bulgaria on a €240,000 EU project performed in 20 provinces of Turkey.

Republic of Turkey – Ministry of Health.

2012 Healthcare Transformation Project Consolidation Member – Turkish Republic Ministry of Health “Advancement of Healthcare Delivery: A Multi-Sector Approach”, Turkey.

2011 Healthcare Facilities Workgroup Coordinator – Turkish Republic Ministry of Health Workshop on Uncovering and Improving Factors that Impact the Advancement of Health Care, Turkey.

2011 Healthcare Informatics Workgroup Member - Turkish Republic Ministry of Health Workshop on Uncovering and Improving Factors that Impact the Advancement of Health Care, Turkey.

BUSINESS EXPERIENCE

Carolina Institute of Technology (2017 – Present). Founder, Advisory Board Member. Not-for-Profit charitable educational and research organization.

EnQ LLC (2015 – 2022). Consulting, application development and advisory services for health information technology solutions and implementations.

SourceAcumen (2001 – 2015). Entrepreneur. Development of innovative systems and unique applications.

Grant Thornton Turkey (2010 – 2012). Partner. Specialist advisory services and public sector solutions consultancy.

Source Distribution (1990-1992). President. Computer consulting services, distribution, and export of data processing equipment.

Intra Corp (1980-1990). President. Senior analyst for software development and chief consultant for multi-user / minicomputer based Medical Office Management Systems. Designed and co-authored “INTRAVET[®]” Veterinary Office Management System. Provided customization, installation, training, and support for Medical Management System (MMS[®]) multi practice multi physician clinical management system.