

DEEPAK KHAZANCHI, Ph.D.

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EDUCATION

- 8/1988-8/1991 Doctor of Philosophy (Ph.D.), *Texas Tech University*, Lubbock, USA
(Major: Management Information Systems; Minors: Statistics & Finance)
- 8/1986-5/1988 Master of Business Administration (MBA), *Southern Illinois University-Carbondale*,
Carbondale, USA (Area of focus: Finance)
- 8/1976-5/1981 Bachelor of Technology (Honors) in Civil Engineering, *Indian Institute of
Technology (IIT)*, Kharagpur, India

ACADEMIC & LEADERSHIP EXPERIENCE

College of Information Science & Technology, University of Nebraska at Omaha (UNO), NE, USA

2006-till date

Associate Dean for Academic Affairs

Official Responsibilities: Work collaboratively with the Dean to build and sustain innovative academic programs in IT; Support the dean by attending various meetings and working on various projects to include providing leadership in program and resource evaluation and development, assessment and accreditation activities, and budget management; Support the College and Institute in student recruitment, student success, applied research, and technical assistance; Support the Dean to build strategic relationships with the business community and cultivate alumni and business leaders; Assist the Dean to identify additional sources of revenue, internally and externally; Assist the Dean to maintain and strengthen the College's relationship with other academic and non-academic units on campus; Support the development of international alliances and partnerships in teaching and research; Support and assist the Dean in college RP&T activities and performance review of college staff; Support the College and PKI in strategic planning activities.

Selected Accomplishments:

Strategic and Organizational

- Sustained a community advisory board for the college of IS&T; over the years assisted in connecting and recruiting new members to the board
- Collaboratively led strategic planning for the college; worked on "first drafts" for a strategic vision and goals for the college
- Worked with the Dean to establish an elected Faculty Advisory Council, standing committee structure for shared governance, and helped organize an Alumni Advisory Council for the college; recruited members for unite chairs in the college to expand and sustain their community advisory councils focused on specific academic programs
- Collaborated with the Dean and key faculty in writing a proposal and instituting a *School of Interdisciplinary Informatics* (to include new academic programs in cybersecurity, biomedical informatics, and IT innovation) as the third department in the college
- Managed the strategic plan updates for the college in the campus strategy management system
- Developed a proposal and financial model for a \$20 million expansion of the physical footprint of the college's building
- External facilitator for University of South Dakota Computer Science Department's 2019 Strategy and Visioning process

- External Evaluator for the South Dakota Board of Regents – Review of Dakota State University’s (<http://www.DSU.edu>) proposed MS in Applied Computer Science program
- Participated in several campus committees and the annual strategic planning process including the University of Nebraska Omaha Chancellor Search, Financial Aid Director Search, and Graduate Council Committees
- Effectively manage, supervise, evaluate, hire staffing for centralized undergraduate and graduate advising, community outreach (K-12), and communications/PR, and all related activities for the college
- Helped develop initial RP&T and performance guidelines for college units, particularly ISQA and the new School of Interdisciplinary Informatics
- Assisted the Dean with recruiting, mentoring, and evaluating faculty for RP&T and performance
- Recruited, hired, and evaluated annual performance of advising, communications/PR, and CMIT staff

Community Engagement

- Developed and Implemented a variety of models for industry-university partnerships
- Managed the expansion of dual enrollment and K-12 programs with high schools in Nebraska
- Spearheaded and managed academic partnerships with community colleges; worked on the A to B programs in all majors in the college; proposed three innovative undergraduate certificates for the first time at UNO that were approved by Board of Regents
- Collaborated and led fund raising activities for scholarships (freshman, women in IT), grants from private foundations, and corporate supported R&D projects
- Organized and managed an IT Career Fair for the college for many years; Engaged with corporations to hire our students as interns and full-time employees; Advised various local companies on how to setup a successful internship program
- Created, obtained grant funding, and implemented a unique immersion experience, *CodeCrush*, for engaging young girls (8th/9th grade) in the various facets of IT academics and careers, predominantly targeted towards rural and underprivileged communities in NE and surrounding states (<http://codecrush.unomaha.edu>). Started in 2013, nearly 50% of Codecrushers who finished high school have entered a 4-year college. Funding to support this initiative came from grants and donations obtained from the Peter Kiewit Foundation, Mutual of Omaha Foundation, Google Tides Foundation, Lozier Foundation, Verizon Foundation, and various corporations (Union Pacific, Northrup Grumman, CRI, IPG, and more)
- Created, obtained grant funding, and manage the iSTEM After School program for delivery in Omaha Public Schools (grants by the Collective for Youth, Sherwood Foundation & Bill & Ruth Scott Foundation – for the iSTEM Coordinator role)
- Developed, expanded, and managed *Techademy* (Summer workshops for middle through high school students) for the last decade including a “lighter” version during the school year
- Strategically partnered with community organizations including UNMC to setup software engineering projects for the CMIT attic group

Academic Excellence

- Developed and implemented the innovative and unique Executive MS in IT (EMIT) program, now in its fourth cohort; Also teach a module in the EMIT program each year and also directly coordinate the recruitment of students and logistics for the program
- Collaboratively developed a *multidisciplinary PhD program in Information Technology and Biomedical Informatics*; Helped implement the first class for the PhD in IT program
- Provided leadership to obtain a grant from the Sherwood Foundation to support rural and Omaha Public Schools (OPS) teachers to receive full tuition scholarships in our CS education programs
- Led the development of an accelerated pathway, *4+1*, for high achieving undergraduate students to obtain an MS degree by adding another year
- Collaboratively developed a unique *1+1 graduate program* where students can receive a European and UNO graduate degree in two years in collaboration with MCI Austria and TUB Germany
- Led the development of a unique pathway, *Plus 2 program*, for international students from partner universities from India and China to accept selected students into a graduate program in their 4th year

- Actively contributed to the updating of UNO's general education requirements; represented the college in the General Education Steering Committee instituted in 2010 to review and revise UNO general education requirements and assessments. Instrumental in the integration of computer science and informatics in the revised general education requirements for the UNO campus
- As department chair, I collaboratively proposed, engaged faculty, and implemented two 3-year *dual degree* programs: MS in MIS and MBA; MS in MIS and MPA
- Won for Omaha and UNO multiple international, national and regional conferences (AMCIS, ACM SIGITE, ICCS, MWAIS, and others)
- Created and implemented an *iSTEM after school* program for economically underprivileged middle school students with grant funding from the Sherwood Foundation, Peter Kiewit Foundation, and the Collective for Youth
- Continued to intentionally engage in faculty responsibilities as a role model for college staff by actively engaging in cutting edge research, teaching, online learning, and community service
- Collaborated with the College of Business Administration for developing an interdisciplinary "big idea" for UNO on "Technology-enabled Supply chain & logistics"
- Collaborated with the Goldstein Center for Human Rights on a Digital Human Rights track in multiple events and a migrant app development project

2008-till date

Community Engagement & Internationalization Officer

Official responsibilities: Be instrumental in expanding the community engagement activities of the college including helping with coordination of initiatives such as internships, placement, collaboration with corporations and nonprofits, IT Professional Development Academy, Executive Programs, Summer Workshops, Corporate relationship management, and applied R&D projects with firms and nonprofits. Responsible for expanding internationalization efforts for the college in synchronization with the campus.

Key Accomplishments:

- Led efforts to develop strong ties with private and nonprofit sector across Omaha and Nebraska
- Instituted *collaboration retreats* with corporations, nonprofits, and other academic colleges in the Nebraska system to explore partnership opportunities for funded R&D initiatives, grants, and joint academic programs.
- Provided leadership in working on behalf of the college to expand its internationalization efforts
- Established sustainable linkages with multiple universities around the world including in China, India, Austria, Germany, Japan, S. Korea, New Zealand, and Norway. A majority of these agreements were created and sustained as campus wide efforts
- Provided leadership in generating grant funding to support internationalization programs through federal (e.g., Atlantis & Fulbright, SiU Norway, NE NRI/NU foundation funds, and, grants from infoUSA)
- Developed and managed the *IT Professional Development Academy*, offering training and professional development opportunities for local IT professionals. Offered each quarter prior to Covid-19, it also allowed IS&T faculty to highlight their expertise in emerging IT areas
- Established and conducted several highly successful bilateral and multilateral immersion experiences with universities in India, Austria, Japan, and Norway between 2005 and 2019 ([India 2019](#); [Road to Omaha](#); [IITians to Omaha \(Gateway\)](#); [Norway program](#); [Spring Break in India](#); [Chiba Summer Program](#)). All these international experiences were fully supported through grants or by a reciprocal arrangement.
- Closely worked with STRATCOM (J9) on an innovative internship program.

4/2002-11/ 2006

Department Chair, Information Systems & Quantitative Analysis

Official responsibilities: The department chair is the academic leader and chief administrative officer of the ISQA department. S/he is charged with leading the faculty and staff in advancing the department's research, teaching, and service mission. This charge includes working with constituents to develop the department's strategic plan and achieving the Department's goals. The Chair serves as mentor to faculty colleagues and as collaborator with other college administrative officers, interprets college policy, and advocates for the department from a perspective of the best overall interests of the

College. Finally, the Chair leads faculty in important processes that shape the curriculum and effectively articulates department and college missions to internal and external constituencies.

Key Accomplishments:

- Led the reengineering of *ABET accreditation efforts* for the college’s undergraduate programs in MIS and computer science as Department Chair.
- Established a faculty mentorship program
- Provided national reach and leadership resulting in the hiring of multiple recognized faculty to grow the department and enhanced gender diversity (nearly half) while increasing the national profile of the program
- Proposed and established a “Faculty professional development committee” and revived/expanded a “Community Advisory Committee”
- Collaboratively established procedures and policies for RP&T, performance review, and standing committees for governing the department

2008-till date	Director, Center for Management of IT (CMIT) – A systemwide R&D center Key Accomplishments: implemented more than 100 turnkey software development projects from nonprofits, corporations and the medical center using over 150 students who worked for this group over the last decade
2001-till date	Professor, Information Systems & Quantitative Analysis
8/2005-11/2006	Peter Kiewit Distinguished Professor (Campus wide award; Discontinued due to the move to an administrative position)
2000-2001	Associate Professor, Information Systems & Quantitative Analysis, College of Information Science & Technology, University of Nebraska at Omaha (UNO)
<i>College of Business Administration, Northern Kentucky University, Highland Heights, KY, USA</i>	
1997-2000	Associate Professor of Information Systems
1991-1997	Assistant Professor of Information Systems
<i>College of Business Administration, Texas Tech University, Lubbock, TX, USA</i>	
8/1988-8/1991	Instructor, Area of Information Systems and Quantitative Sciences
Various	Instructor, Division of Continuing Education
<i>College of Business Administration, Southern Illinois University, Carbondale, IL, USA</i>	
1/1987-8/1988	Graduate Assistant, Department of Finance

OTHER AFFILIATIONS AND PROFESSIONAL EXPERIENCE

2020-2021	Awarded the Fulbright Scholar Core Grant for Austria (hold due to Covid-19)
2004 - till date	Affiliate Faculty, School of International Studies and Programs, University of Nebraska at Omaha

6/2019 - 5/2022	Adjunct Senior Professor in Computer Science & Engineering and MBA, ITM Universe Vadodara, India.
2017-till date	Affiliate Faculty, The Goldstein Center for Human Rights (Focus on Digital Human Rights), University of Nebraska at Omaha
11/2017-12/2020	Adjunct Full Professor, Center for Integrated Emergency Management (CIEM), University of Agder, Kristiansand, Norway
2015 - till date	Visiting Faculty, University of International Business and Economics (UIBE), Beijing, China.
5/2014-6/2014	Awarded the Fulbright Specialist Grant, Norway.
2011- till date	Adjunct Full Professor, Management Center Innsbruck (MCI), Austria.
7/1998-12/1998	Visiting Professor of Information Systems, University of Agder, Norway
1983-1986	Manager (Design), <i>Rail India Technical & Economic Services Ltd. (RITES)</i> , New Delhi, India
1981-1983	Junior Project Engineer (Civil), <i>Engineering Projects India Limited (EPIL)</i> , New Delhi, India

SERVICE & COMMUNITY ENGAGEMENT (SELECTED AVITIVIES)

- Member, Internship Committee, *Nebraska Tech Collaborative*, Omaha, NE (2019-till date)
- Member, **Board of Trustees**, *Brownell-Talbot Preparatory School*, Omaha, NE (9/2017 - till date).
 - Diversity, Inclusion, Equity and Justice Committee
 - Enrollment and Marketing Committee
 - Strategic Planning Task Force (Key effort to pivot and Globalize BT and its Curriculum).
- Consultant (2019), *University of South Dakota Computer Science Strategic Planning effort*.
- Member, **Board of Directors**, *Refugee Empowerment Center* (10/2018 - till date).
- Member, **Collective for Youth Board of Directors**, Building Bright Futures Foundation. (Summer 2011- till date). Served as *President of Board* in FY 2014-2015.
- Member, **Executive Council**, *Bennett University*, NOIDA, India (2016-till date).
- Member, **Board of Management (BOM)**, *Sir Padampat Singhania University (SPSU)*, Udaipur, India. (2009-till date).
- **Advisor**, Jaypee University of IT (JUIT), Waukenaghat, India and Jaypee Institute of Information Technology (JIIT), NOIDA, India. (2007-2017).
- **General Chair** (2020, October 7-9), *ACM Special Interest Group on IT Education (SIGITE) Annual Conference*, Omaha, NE, USA.
- Member, Professional Development committee, *Community Engagement in Chronic Care Management (CENTRIC)*, University of Nebraska Medical Center. (2016 – till date).
- Member, Technology and Common Metrics committee, *Community Engagement in Chronic Care Management (CENTRIC)*, University of Nebraska Medical Center. (2016 – till date).
- Member, CIEM, University of Agder (Norway) Search Committees, 2017-2020.
- Member, *Millard Schools Technology Curriculum Task Force* (2013-14).

- Member, *External Advisory Committee for the “Interdisciplinary Healthy Heart Center: Linking Rural Populations by Technology”*, University of Nebraska Medical Center (2009-2014).
- **President**, *Midwest Association for Information Systems (MWAIS)*, 2006-08.
- **President-elect**, *Midwest Association for Information Systems (MWAIS)*, 2006-07.
- Conference Chair and Organizer, SIGITProjMgmt sponsored 2nd International Research Workshop on IT Project Management (IRWITPM 2007), December 8th, 2007, Montréal, Québec, Canada.
- Member, *University of Nebraska at Omaha (UNO) Chancellor Search Committee*, Spring 2007.
- **VP Administration**, *Association for Information Systems (AIS) Special Interest Group on Accounting Information Systems (SIGIASYS)*, (1/2005-12/2006).
- **Founder and Founding Chair**, *Association for Information Systems (AIS) Special Interest Group on IT Project Management (SIGITProjMgmt)*, (2006-until date).
- **Conference Co-Chair**, *Americas Conference on Information Systems* -- A conference on a human scale, Technology on a Human Scale, Omaha, Nebraska, August 11-14, 2005. The conference offered 35 different tracks, 420 peer reviewed paper presentations, 30 panels, pre-conference workshops and tutorial sessions.
- Member, *UNO Financial Aid Director Search Committee*, AY 2013-2014.
- **Vice President of Programs (2003)**, Project Management Institute (PMI) Heartlands Chapter.
- Member, *Kiewit Middle School (Omaha) Principal Recruitment Committee* (1/2012).
- Member, *AIM Institute IT Leadership Academy Steering Committee*. (2009-2011).

INTELLECTUAL CONTRIBUTIONS

Deepak has published more than 100 articles in a variety of multidisciplinary academic and/or practitioner-oriented peer-reviewed journals & conferences (national/international) and generated nearly \$4 million in grants, donations, and service contracts. A selection of his intellectual contributions to the **science of Management Information Systems** is provided below.

- **Subjective Understanding of Ill-structured Problems:** This problem area was my focus during the PhD degree and in my early career as a tenure track professor and young scientist. Some facets of this problem area continue to be of interest today. My primary contribution in this area has been to develop an interdisciplinary understanding using theories and concepts from cognitive science/psychology, information systems, strategic management, decisioning, and software development to address how to provide decision support to individuals seeking to solve unstructured or ill-structured problems.
 - a. Khazanchi, D. and Yadav, S.B. (1992) “Subjective understanding in strategic decision-making: An information systems perspective,” *Decision Support Systems*, 8, (February), pp. 55-71.
 - b. Khazanchi, D. and Yadav, S.B. (1995, Spring) “A new approach to problem definition: Using information objects.” *Information Systems Management*, 12:2, pp. 21-26
 - c. Ni, J. and Khazanchi, D. (2009, March). “Information Technology (IT) Investment Decisions Under Asymmetric Information: A Modified Rational Expectation Model.” *International Journal of Information Technology and Decision Making (IT&DM)*, Volume 8, Issue 1, pp. 55-72. Available at SSRN: <http://ssrn.com/abstract=1483446>.
 - d. Khazanchi, D. (1991) “Evaluating decision support systems: A dialectical perspective,” *Proceedings of the twenty-fourth Annual Hawaii International Conference on Systems Sciences (HICSS-24)*, IEEE Computing Society Press, III, pp. 90-97.
 - e. Khazanchi, D. (1992). *Subjective Understanding of Ill-Structured Problems: An Information Systems Perspective*. PhD dissertation. Texas Tech University, Lubbock, TX, USA. UMI Order No. GAX92-04417.

- f. Khazanchi, D. and Arora, V. (2016). "Evaluating Information Technology (IT) Integration Risk Prior to Mergers and Acquisitions (M&A)", *ISACA Journal*, Volume 1.
- **Business-to-Business (B2B) Electronic Commerce & Risk Management:** My early publications in this area focused on exploring and identifying the critical risk factors involved in e-commerce driven extended-enterprise systems that can potentially escalate an organization's overall enterprise risk. We identified critical risk factors in B2B relationships using the Khazanchi and Sutton (2001) model for B2B e-commerce risk assessment as the conceptual basis for viewing specific risk components. Based on this work, we have validated a risk assessment instrument and developed a causal model that considers risk as a key factor in influencing the inter-organizational relationship between two or more B2B business partners in the form of relationship satisfaction and assurance desirability.
 - a. Sutton, S. Arnold, V., Hampton, C. and **Khazanchi, D.** (2020). "Cyber Supply Chain Risk Management: Toward an Understanding of the Antecedents to Demand for Assurance". *Journal of Information Systems* (Accepted for Publication).
 - b. Sutton, S., **Khazanchi, D.**, Hampton, C. and Arnold, V. (2007). "Risk Analysis in Extended Enterprise Environments: Identification of Critical Risk Factors in B2B E-Commerce Relationships". *Journal of the Association of Information Systems (JAIS)*.
 - c. Arnold, V., Hampton, C., **Khazanchi, D.** and Sutton, S. (2006; September 7-8th). "Risk Analysis in Extended Enterprise Environments: Identification of Critical Risk Factors in B2B E-Commerce Relationships". *Proceedings of the Fourth Annual CABIT (Center for Advancing Business through Information Technology) Symposium*, Phoenix, AZ, <http://symposium.cabit.wpcarey.asu.edu/>.
 - d. Khazanchi, D. (2005, Spring). "Information Technology (IT) Appropriateness: The Contingency Theory of "Fit" and IT Implementation in Small and Medium Enterprises". *Journal of Computer Information Systems*, Volume XLV, No. 3, pp. 88-95.
 - e. Khazanchi, D. (2002, Spring/Summer). "An Empirical Analysis of Electronic Data Interchange (EDI) Implementation Benefits in Kentucky Small- and Medium-Sized Enterprises: Some Implications for New IT Implementation," *Journal of Small Business Strategy*, Volume 13, No. 1, pp. 1-18.
 - f. Khazanchi, D. and S. Sutton (2001, January). "Business-to-Business electronic commerce assurance services: A framework and implications." *Journal of the Association of Information Systems (JAIS)*, Volume 1, Article 11, Available at URL: <http://jais.isworld.org/contents.asp>.
 - **Virtual Work, Virtual Project Management, and Virtual Collaboration:** My earlier work in this domain focused on the effective management of virtual projects. We showed that virtual projects are fundamentally different from traditional projects in many ways. Our research in this area has made both theoretical and practical strides toward understanding and specifying such blueprints. We have used the theoretical frame of patterns to propose an entirely new concept. Our underlying hypothesis is that effective (and ineffective) patterns of virtual projects can be identified. We focus on three concepts as the underlying theoretical elements for identifying patterns: (1) coordination, (2) communication, and (3) control. We believe that these elements are uniquely different in virtual projects because of the reliance on communication technology, which defines the environment through which coordination, communication, and control take place. The technology both constrains and enables how each element is handled, as well as the balance or pattern among elements. It is the existence and implications of such patterns that we are currently investigating. We are in the process of developing a method for identifying patterns for effective virtual project management.
 - a. Owens, D. and **Khazanchi, D.** (2018). "Exploring the Impact of Technology Capabilities on Trust in Virtual Teams." *American Journal of Business*. URL: <http://dx.doi.org/10.1108/AJB-04-2017-0008>.
 - b. Khazanchi, D. and Zigurs, I. (2011). "A Systematic Method for Discovering Effective Patterns of Virtual Project Management". *Essence*.

- c. Owens, D., Mitchell, A., **Khazanchi, D.** and Ilze Zigurs (2011, February). "An empirical investigation of virtual world projects and metaverse technology capabilities." *SIGMIS Data Base for Advances in Information Systems*. 42:1, pp. 74-101. <http://doi.acm.org/10.1145/1952712.1952717>.
 - d. Davis, A., Owens, D., Murphy, J., **Khazanchi, D.** and Zigurs, I. (2009, February). "Avatars, People, and Virtual Worlds: Foundations for Research in Metaverses." *Journal of the Association for Information Systems*, Volume 10, Issue 2 , Article 2, pp. 90-117.
 - e. Zigurs, I. and **Khazanchi, D.** (2008, Spring). "From Profiles to Patterns: A New View of Task-Technology Fit", *Information Systems Management*.
 - f. Khazanchi, D. and Zigurs, I. (2007, January 3-7). "An Assessment Framework for Developing and Using Patterns for the Effective Management of Virtual Projects." *Proceedings of the Hawaii International conference on System Sciences (HICSS-40)*.
 - g. Khazanchi, D. and Zigurs, I. (2006, July-September). "Patterns for Effective Management of Virtual Projects: Theory and Evidence." *International Journal of electronic Collaboration (IJeC)* — Special Issue on Collaborative Project Management, Volume 2, No. 3, pp. 25-49.
- Disaster eHealth, Disaster and Crisis Informatics, and Health Informatics: Our work in these areas has two major threads. First, we are the first international team to develop and focus on describing disaster eHealth (DEH) – the application of eHealth technologies to enhance the delivery of healthcare in disasters. Our work attempts to detail the role of DEH in facilitating inter-agency communication in disaster situations, and the fundamental need to promote awareness of DEH in the education of disaster managers and health professionals. Additionally I have worked on designing technology interventions for medical research that has led to some successful publications and grants.
 - a. Norris, Anthony, Gonzalez, Jose, Parry, David, Scott, Richard, Dugdale, Julie and **Khazanchi, Deepak** (2018). "The Role of e-Health in Disasters: A Strategy for Education, Training and Integration in Disaster Medicine", *Journal of the International Society for Telemedicine and eHealth*.
 - b. Deka, P., Deka, D., Pozehl, B., Norman, J. and **Khazanchi, D.** (2018), "MOVE-HF: An Internet-Based Pilot Study to Improve Adherence to Exercise in Patients with Heart Failure." *European Journal of Cardiovascular Nursing*. Aug 21. (DOI: <http://10.1177/1474515118796613>).
 - c. Tony Norris, Dave Parry, Jose J. Gonzalez, Richard E. Scott, Julie Dugdale, **Deepak Khazanchi** (2017; May 21 – 24). "The Role of e-Health in Disasters: A Road Map for Education, Training and Integration in Disaster Medicine." WiPe Paper. *14th International Conference on Information Systems for Crisis Response and Management (ISCRAM)*, Albi, France.
 - d. Yu, Xiaodan and **Khazanchi, Deepak** (2017; May 21 – 24). "Studying Virtual Teams during Organizational Crisis from a Sociomaterial Perspective." WiPe paper. *14th International Conference on Information Systems for Crisis Response And Management (ISCRAM)*, Albi, France.
 - e. Youn, Ik-Hyun, **Khazanchi, D.**, Youn, Jong-Hoon, and Siu, Ka-Chun (2016). "Multidimensional Mobility Metric for Continuous Gait Monitoring Using a Single Accelerometer." *HIMS'16 – The 2nd International Conference on Health Informatics and Medical Systems*.
 - f. Deka, P., Pozehl, B., Norman, J. and **Khazanchi, D.** (2018). "Feasibility of using the Fitbit Charge HR in validating self-reported exercise diaries in a community setting in patients with heart failure." *European Journal of Cardiovascular Nursing*. (DOI: <http://dx.doi.org/10.1177/1474515118766037>).
 - g. Buchanan, L. and Khazanchi, D. (2010). "A PDA intervention to Sustain Smoking Cessation in Clients with Socioeconomic Vulnerability." *Western Journal of Nursing Research*, 32(3), pp. 281-304.
 - Technology-enabled eLearning: Over the years I have worked on applying *contingency theory* to various IT enabled phenomenon including eLearning. We have proposed and initially validated a contingency theory based model of eLearning. Using this theoretical lens we argue that given a virtual learning environment, there are ideal profiles of eLearning ("fit") that result from a combination of learner engagement, learner style, learning task, and the appropriate leveraging of IT capabilities.

- a. Khazanchi, D., Munkvold, B.E. and Lazareva, A. (2015). "Towards a Contingency Theory of eLearning." In: Conway, D.F., Hillen, S., Landis, M., Schlegelmilch, M.T. & Wolcott, P. (Eds.). *Digital Media in Teaching and its Added Value*, Münster, Germany: Waxmann Verlag GmbH, pp. 35-51.
 - b. Munkvold, B., Zigurs, I. and Khazanchi, D. (2012, November 19-21). "Virtual PhD courses – A new mode of PhD Education?" *NOKOBIT 2012*, University of Nordland, Bodo.
 - c. Dasgupta, P. and **Khazanchi, D.** (2005). "An Adaptive Decision Support System for Academic Course Scheduling Using Software Agents." *International Journal of Technology in Teaching and Learning (IJTTL)*, Volume 1, Issue 2, 63-78.
 - d. Arora, V., **Khazanchi, D.**, Munkvold, B.E., Owens, D., Stendal, K., Tarrell, A., Wale-Kolade, A., Westin, S. and Zigurs, I. (2012, May 18-19). "Discontinuities and Best Practices in Virtual Research Collaboration." *Proceedings of the 7th Annual Midwest Association for Information Systems Conference*. Paper 26. <http://aisel.aisnet.org/mwais2012/26>.
 - e. Khazanchi, D. (2005, Spring). "Information Technology (IT) Appropriateness: The Contingency Theory of "Fit" and IT Implementation in Small and Medium Enterprises". *Journal of Computer Information Systems*, Volume XLV, No. 3, pp. 88-95.
- Philosophy of Science, Research Methods and the Computing research enterprise: Our research in this area has been episodic but a crucial influence on all other research efforts. We argue that scientific realism (and its modern version of critical realism) is the correct overarching philosophy of science approach that is important for IS (Information Systems) and Computer Science research. We have contributed to our understanding of relevance of IS research, the phenomenon of paradigmatic oscillation apparent in published IS research, the debate about the survival of Information Systems as a professional and scientific discipline, mixed methods for IS research, and the notions of truth, validity and scientific realism in IS and computing research in general.
 - a. Yu, X. and **Khazanchi, D.** (2017). "Using Embedded Mixed Methods in Studying IS Phenomenon: Risks and Practical Remedies with an Illustration." *Communications of the Association for Information Systems (CAIS)*, Vol. 41, Article 2. Available at: <http://aisel.aisnet.org/cais/vol41/iss1/2>.
 - b. Khazanchi, D. and Munkvold, B.E. (2001, March). "Expanding the notion of relevance in IS research: A proposal and some recommendations." *Communications of the Association of Information Systems (CAIS)*, Volume 6, Article 14, Available at URL: <http://cais.isworld.org/contents.asp>.
 - c. Aljafari, R. and **Khazanchi, D.** (2013). "On the veridicality of claims in design science research." *Proceeding of the 46th Annual Hawaii International Conference on System Sciences (HICSS)*, pp. 3747-3756.
 - d. Jumadinova, J. J. and **Khazanchi, D.** (2010, October 4th – 6th). "A Scientific Realist Perspective for Computer Science Inquiry" (Extended Abstract). *ECAP 10 (European Computing and Philosophy – ICAP) Conference*, The Technische Universität München.
 - e. Khazanchi, D. and Munkvold, B.E. (2000) "Is information systems a science? An inquiry into the nature of the information systems discipline." *Database for Advances in Information Systems (ACM SIGMIS)*, Volume 31, Issue 3, Summer, pp. 26-44.
 - Big Data Pipelines and Smart Decision Making: In collaboration with a team of faculty from UNO IS&T and UNL CoE, this project establishes a Big Data Reference Model for Bridge Health with the vision and capability to expand outcomes from its work to other aspects of the transportation and built environment. Although many researchers and organizations around the world are doing work on components of bridge health monitoring, no group of researchers has focused on an integrated effort to develop a smart big data platform that can be openly and digitally shared in a standardized form that is easy to use with all bridge stakeholders. Decision support and socio-technical impacts are not an afterthought but built-in to the considerations for next-generation sensing and data management platforms using our approach. The team's research project is distinct from current IT solutions in its three-tiered data-pipeline approach.

Unlike current solutions, this pilot research project combines the sensor (data collection), data management and rationalization, and impact (data analytics/ML, visualization for decision support and decision-making) aspects of bridge health monitoring into a cohesive, end-to-end solution.

- a. Gandhi, R., **Khazanchi, D.**, Linzell, D., Ricks, B. and Sim, C. (May 2018). “The Hidden Crisis: Developing Smart Big Data pipelines to address Grand Challenges of Bridge Infrastructure health in the United States.” Proceedings of the 15th ISCRAM Conference – Rochester, NY, USA (WiPe Paper – Open Track), pp. 1016-1021.
- b. Khazanchi, D. (November 29th, 2017). Research talk on “Bridging Big Data: Big Data Innovations for Bridge Health” Center for Integrated Emergency Management (CIEM), University of Agder (Norway).
- c. Gandhi, R., **Khazanchi, D.**, Linzell, D., Ricks, B. and Sim, C. (May 2018). “Developing Smart Big Data pipelines to address Challenges of Bridge Infrastructure health in the US”. *Pre-OTC GCE NODE NORTEX Data Science Cluster* (URL: <http://gcenode.no/wp-content/uploads/2018-04-09-Emergency-Response-Seminar-Program-and-invitation-vNO-2.pdf>). (Talk presented by Deepak Khazanchi)

List of Published Work Indexed by Google Scholar:

<https://scholar.google.com/citations?user=ysuNFSMAAAAJ>

Detailed CV: <http://dkhazanchi.com>