

Dr. Indika Dissanayake
The University of North Carolina at Greensboro
Assistant Professor
Info Sys and Supply Chn Mngmt
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Professional Positions

Assistant Professor, Department of Information Systems and Supply Chain Management, Bryan School of Business and Economics, University of North Carolina at Greensboro. (August 2016 - Present).

Visiting Assistant Professor, Supply Chain and Information Management, D'Amore-McKim School of Business, Northeastern University. (August 2015 - June 2016).

Graduate Teaching Assistant, College of Business, University of Texas at Arlington. (August 2011 - May 2015).

Education

PhD, University of TX-Arlington, 2015.

MS, University of TX-Dallas, 2009.

Awards and Honors

2020 Junior Faculty Teaching Award, Bryan School of Business and Economics. (2020).

Margaret Hill Dean's Notable Scholar, Bryan School of Business and Economics. (2020).

Nominated for: ATEA James Y Joyner Award for Teaching Excellence, Alumni Teaching Excellence Awards. (2020).

Publications

Journal Article

- Dantu, R., Dissanayake, I., & Nerur, S. (2021). Exploratory Analysis of Internet of Things (IoT) in Healthcare: A Topic Modeling & Co-citation Approaches. *Information Systems Management*, 38(1), 62–78. <https://doi.org/10.1080/10580530.2020.1746982>
- Dhillon, G. S., Smith, K. J., & Dissanayake, I. (accepted). Information Systems Security Research Agenda: Exploring the Gap Between Research and Practice. *Journal of Strategic Information Systems*.
- Dissanayake, I., Jeyaraj, A., & Nerur, S. (2021). The Impact of Structure and Flux of Corporate Boards on Organizational Performance: A Perspective from the Information Technology Industry. *Journal of Strategic Information Systems*, 30(2).
- Dissanayake, I., Nerur, S., Wang, J., Yasar, M., & Zhang, J. (2021). The Impact of Helping Others in Cooperative Crowdsourcing Communities. *Journal of Association for Information Systems*, 22(1). <https://doi.org/10.17705/1jais.00654>
- Dissanayake, I., Mehta, N., Palvia, P., Taras, V., & Amoako-Gyampah, K. (2019). Competition Matters! Self-Efficacy, Effort and Performance in Crowdsourcing Teams. *Information & Management (Department's 1st List)*, 56(8). <https://doi.org/10.1016/j.im.2019.04.001>
- Dissanayake, I., Nerur, S., Singh, R., & Lee, Y. (2019). Healthcare Crowdsourcing: Harnessing the "Wisdom of the Crowd" to Solve Medical Mysteries. *Journal of Association for Information Systems*, 20(11), 1589–1610. <https://doi.org/10.17705/1jais.00579>
- Dissanayake, I., Zhang, J., Yasar, M., & Nerur, S. (2018). Strategic Effort Allocation in Online Innovation Tournaments. *Information & Management*, 55, 396–406. <https://doi.org/10.1016/j.im.2017.09.006>

- Dissanayake, I., Zhang, J., & Gu, B. (2015). Task Division for Team Success in Crowdsourcing Contests: Resource Allocation and Alignment Effects. *Journal of Management Information Systems*, 32(2), 8–39. <https://doi.org/10.1080/07421222.2015.1068604>

Conference Proceeding

- Dissanayake, I., Nerur, S., & Zhang, J. (2019). *Team Formation and Performance in Online Crowdsourcing Competitions: The Role of Homophily and Diversity in Solver Characteristics*. Published.
- Dantu, R., Dissanayake, I., & Nerur, S. (2019, January). *Exploratory Analysis of Internet of Things (IoT) in Healthcare: A Topic Modeling Approach*. Published.
- Iyer, L. S., Dissanayake, I., & Bedeley, R. (2018). *Doing Good Matters': The Role of Problem Context in Improving Programming Projects*. Published.
- Iyer, L. S., Dissanayake, I., & Bedeley, R. (2017). *RISE IT for Social Good An Experimental Investigation of Context to Improve Programming Skills*. Published.
- Dissanayake, I., Zhang, J., Wang, J., & Yuan, F. (2015). *Involvement in Online Crowdsourcing Communities*. Published.
- Dissanayake, I., Zhang, J., Wang, J., & Yuan, F. (2015). *Peer-recognition and Performance in Online Crowdsourcing Communities*. Published.
- Dissanayake, I., Zhang, J., & Gu, B. (2014). *Virtual Team Performances in Crowdsourcing Contests*. Published.
- Dissanayake, I., Zhang, J., & Gu, B. (2014). *Virtual Team Performances in Crowdsourcing Contests: Social Network Perspective*. Published.
- Dissanayake, I., Dantu, R., & Nerur, S. P. (2013). *Knowledge Management in Software Development: The Case of Agile Software*. Published.
- Teng, J. T. C., Dissanayake, I., & Dantu, R. (2013). *Theoretical Model for Assessing User Resistance Intentions in IS Implementation*. Published.

Presentations

International

- Dissanayake, I., Nerur, S., Zhang, J., "Teammate Selection and Performance in Online Crowdsourcing Competitions," Production and Operations Management Society (POMS) International, Kandy, Sri Lanka. (December 2018).
- Dissanayake, I., Zhang, J., Gu, B., "Virtual Team Performances in Crowdsourcing Contests: Social Network Perspective," Proceedings of the International Conference on Information Systems (ICIS), Auckland, New Zealand. (2014).

National

- Dissanayake, I., Nerur, S., POMS Annual Conference 2019, "Knowledge Sharing in Crowdsourcing Competitions: Role of Personality Traits," Washington, D.C. (May 2019).
- Dissanayake, I., Mehta, N., Taras, V., Palvia, P., Amoako-Gyampah, K., "Role of Competition in IT Enabled Crowdsourcing Platforms: Self-Efficacy and Performance Effects.," Production and Operations Management Society (POMS), Houston, TX. (May 2018).
- Dissanayake, I., Zhang, J., "Teammate Preference in Online Crowdsourcing Competitions," Production and Operations Management Society (POMS), Seattle, WA. (2017).
- Dissanayake, I., Nerur, S., Singh, R., Lee, Y., "Healthcare Crowdsourcing: Harnessing the "Wisdom of the Crowd" to Solve Medical Mysteries," Conference on Health IT and Analytics (CHITA), Washington D.C., DC. (November 2017).

- Mehta, N., Dissanayake, I., Taras, V., Palvia, P., Amoako-Gyampah, K., "Competition, Collaboration, or Both: The Sweet Spot of Innovation Strategy for Virtual Teams," Production and Operations Management Society (POMS), Seattle, WA. (May 2017).
- Dissanayake, I., Zhang, J., Yasar, M., "Winning Strategies in Dynamic Innovation Tournaments," Decision Sciences Institute Meeting (DSI), Seattle, WA. (2015).
- Dissanayake, I., Zhang, J., Wang, J., Yuan, F., "Involvement in Online Crowdsourcing Communities," Proceedings of the Americas Conference on Information Systems (AMCIS)., Fajardo, United States of America. (August 2015).
- Dissanayake, I., Zhang, J., Wang, J., Yuan, F., "Peer-recognition and Performance in Online Crowdsourcing Communities," Hawaii International Conference on System Science (HICSS), Kauai, HI. (January 2015).
- Dissanayake, I., Zhang, J., Wang, J., "Community Involvement in Virtual Crowdsourcing Communities," Institute for Operations Research and the Management Sciences (INFORMS), San Francisco, CA. (2014).
- Dissanayake, I., Zhang, J., Wang, J., "Community Involvement and Self-disclosure in Online Crowdsourcing Communities," Decision Sciences Institute Meeting (DSI), Tampa, FL. (November 2014).
- Dissanayake, I., Zhang, J., Gu, B., "Virtual Team Performances in Crowdsourcing Contests," Proceedings of the Americas Conference on Information Systems (AMCIS)., Savannah, GA. (August 2014).
- Dissanayake, I., Zhang, J., Gu, B., "Virtual Team Performances in Crowdsourcing Contests," Institute for Operations Research and the Management Sciences (INFORMS), Minneapolis, MN. (2013).
- Teng, J. T. C., Dissanayake, I., Dantu, R., "Theoretical Model for Assessing User Resistance Intentions in IS Implementation," Proceedings of the Decision Sciences Institute Meeting (DSI), Baltimore, MD. (November 2013).
- Dissanayake, I., Dantu, R., Nerur, S. P., "Knowledge Management in Software Development: The Case of Agile Software," Proceedings of the Americas Conference on Information Systems (AMCIS)., Chicago, IL. (August 2013).

Other

- Dissanayake, I., Zhang, J., Gu, B., "Crowdsourcing Team Performances," Workshop on Social and Business Analytics (WSBA), Austin, TX. (2014).

Teaching Experience (UNCG)

ISM 240, Business Programming I

ISM 671, Organizing Data for Analytics.

ISM 324, Secure Networked Systems

Directed Student Learning

Dissertation Committee Member

- Dissertation Committee Member, "three analytics-based essays examining the use and impact of intelligent voice assistants (IVA) and health information technologies (HIT) in service context." (2020 - Present).
Advised: Brigid Appiah Otoo
- Dissertation Committee Member, "Examining Production, Dissemination, and Consumption of Misinformation on Social Media: the Case of COVID-19 Pandemic." (2020 - Present).
Advised: Yuzhang Han

- Dissertation Committee Member, "Understanding the Impact of Mobile Payment on Consumer Behavior." (October 22, 2020).
Advised: Ruoning Qian
- Dissertation Committee Member, "The Impact of Ambient Awareness on Customer's Purchase Intention." (October 24, 2019).
Advised: Zahra Yarmohammadi
- Dissertation Committee Member, "Do You Regret Using Social Media? Understanding the Role of Dark Side of Social Media in Regret and Discontinuance Behavior." (October 18, 2019).
Advised: Ziyue Huang
- Dissertation Committee Member, "Three essays in Behavioral Operations Management and Gamification." (July 2019).
Advised: Sina Zare
- Dissertation Committee Member, "Information Technology Enabled Followership on Social Media Platforms: A Multimethod Analysis of Twitter." (October 19, 2018).
Advised: Vishal Uppala
- Dissertation Committee Member, "Strategic Value of Data Analytics in Interorganizational Relationships." (March 2, 2018).
Advised: Mohammad Kakhki

Other

- Faculty Director for Honors Capstone project. (2018 - 2019).
Advised: Jason Voorheis
- Faculty Director for Honors Capstone project. (2018).
Advised: Beverly Herbin

Faculty Development Activities Attended

Workshop, "Master Teacher Workshop by Dr. Harvey Brightman." (January 2020).

Seminar, Structural Modeling Applications for Research in Technology workshop participant (SMART), Pittsburgh, PA. (2014).

Workshop, Workshop on Social and Business Analytics (WSBA), Austin, TX. (2014).

University Service

University

Committee Member, MSIA search committee. (2019 - 2020).

College/School

Committee Member, Committee on Teaching and Learning Enhancement. (2021 - 2023).

Department

Chair, Student Relations Committee. (2021 - Present).

Committee Member, ISSCM Department Intellectual Contributions Committee. (2019 - Present).

Committee Member, ISSCM Department Annual Review Committee. (2018 - 2020).

Committee Member, ISSCM Department Intellectual Contributions Committee. (2017).

Professional Service

Ad hoc Reviewer/Referee

Decision Sciences

European Journal of Information Systems

Information Systems Research

Journal of Management Information Systems

Information & Management Journal.

Journal of Association for Information Systems

Conferences: AMCIS, ICIS, HICSS, ACM SIGMIS Computers and People Research Conference