

Eduardo D. Villacis-Calderon

The University of Texas at El Paso
Department of Accounting and Information Systems
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Education

UNIVERSIDAD SAN FRANCISCO DE QUITO
Bachelor of Science in Computer Science – Cum Laude. 2016

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
Master of Science in Business Administration in Business Analytics (MSBA-BA). 2017

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
Ph.D. in Business Information Technology. 2022

Work Experience

THE UNIVERSITY OF TEXAS AT EL PASO – DEPARTMENT OF ACCOUNTING
AND INFORMATION SYSTEMS
Assistant Professor. 2022 - present

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY – FINANCE IT
Graduate Assistant – Software developer & Information security analyst. 2016-2017

CRIFA – SLONCORP
Senior Software Developer. 2015

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY – FINANCE IT
Software Developer. June – August 2014

CRIFA – SLONCORP
Junior Software Developer. 2013-2014

Journal Publications

James, T.L., Villacis Calderon, E., and Cook, D.F. (2017). “Exploring Patient Perceptions of Healthcare Service Quality through Analysis of Unstructured Feedback”, *Expert Systems with Applications*, 17, 479-492, <https://doi.org/10.1016/j.eswa.2016.11.004>

James, T.L., Zhang, J., Li, H., Ziegelmayer, J.L. and Villacis-Calderon, E.D. (2021), “The moderating effect of technology overload on the ability of online learning to meet students' basic psychological needs”, *Information Technology & People*, Vol. 35 No. 4, pp. 1364-1382
<https://doi.org/10.1108/ITP-03-2021-0225>

James, T. L., Villacis Calderon, E., Bélanger, F., Lowry, P. B., (2022). “The mediating role of group dynamics in shaping received social support from active and passive use in online health communities”, *Information & Management*, 59(3), 103606, <https://doi.org/10.1016/j.im.2022.103606>

Eduardo D. Villacis Calderon, Tabitha L. James, Paul Benjamin Lowry, (2023). “How Facebook's newsfeed algorithm shapes childhood vaccine hesitancy: An algorithmic fairness, accountability, and transparency (FAT) perspective”, *Data and Information Management*, Volume 7, Issue 3, 2023, 100042, ISSN 2543-9251, <https://doi.org/10.1016/j.dim.2023.100042>

Sergio Grove, Aaron Nelson, Eduardo D. Villacis Calderon, Kevin E. Dow, (2024). “Words to use with care? CEO dispositional optimism vs overconfidence”, *Finance Research Letters*, Volume 59, 2024, 104785, ISSN 1544-6123, <https://doi.org/10.1016/j.frl.2023.104785>

Refereed Conference Proceedings

Goldberg, D., Hong, S., Villacis Calderon, E. (2024). Sentiment in Big Tech’s Investor Relations: Does the Discourse Predict Future Stock Movements? Hawaii International Conference on System Sciences (HICSS), January, Oahu, HI

Villacis Calderon, E., T.L. James, D. Townsend, (2017). Crafting a Persuasive Crowdfunding Campaign: The Effect of Big-5 Language Style on Crowdfunding Success, *Decision Sciences Institute Proceedings*

Villacis Calderon, E., James, T.L., Cook, D.F., Keeling, K.B., (2014). Exploring the SERVQUAL Dimensions in Healthcare: A Text Mining Approach, *Decision Sciences Institute Proceedings* (Nominee for Best Paper).

Conference Presentations

Villacis Calderon, E., Grove, S., Jeong, Y. Do Not Let the Lexicons and Their Components Drive Your Results., *Informa Annual Meeting*, Seattle, WA, 2024.

Goldberg, D., Hong, S., Villacis Calderon, E. Sentiment in Big Tech’s Investor Relations: Does the Discourse Predict Future Stock Movements? Hawaii International Conference on System Sciences(HICSS), January, Oahu, HI

Villacis Calderon, E., Feeling Strong by Mourning in Online Health Communities, *Informa Annual Meeting*, Indianapolis, IN, 2022.

Immunizing Parents against Vaccine Misinformation: The Role that Trust plays in Childhood Vaccine Hesitancy, (with T.L James, P.B. Lowry), *Virginia Tech Latinx Symposium*, Blacksburg, VA, 2019.

Crafting a Persuasive Crowdfunding Campaign: The Effect of Big-5 Language Style on

Crowdfunding Success, (with T.L. James, D. Townsend), Decision Sciences Institute Annual Meeting, Washington, DC, 2017.

How Group Dynamic Shape Perceptions of Social Support in Chronic Disease Virtual Health Communities, (with T.L. James, F. Bélanger), Decision Sciences Institute Annual Meeting, Washington, DC, 2017.

Exploring the SERVQUAL Dimensions in Healthcare: A Text Mining Approach, (with T.L. James, D.F. Cook, and K.B. Keeling), Decision Sciences Institute Annual Meeting, Tampa, FL, 2014.

Invited Book Chapters

Villacis Calderon, E., James, T.L., Cook, D.F., Keeling, K.B. A Text Mining Approach for Exploring Service Quality in Healthcare, In: M. Warkentin (ed.), *Trends and Research in the Decision Sciences: Best Papers from the 2014 Annual Conference*, 2015. Rpt. Of Exploring the SERVQUAL Dimensions in Healthcare: A Text Mining Approach, *2014 Decision Sciences Institute Proceedings*.

Teaching experience

Teaching interests: information security, data visualization, web development, database design and management, and artificial intelligence.

Virginia Tech - Overall teaching effectiveness (OTE)

BIT 4614 – Information Security (Summer 2021). OTE: 5.36/6 vs 5.33/6 (college mean)

BIT 2164 – Foundations of Security Environments (Fall 2021). OTE 5.31/6 vs. 5.17/6 (college mean)

BIT 5424 - Advanced Business Information Visualization and Analytics (Spring 2022). OTE 4.12/6 vs. 5.19/6 (college mean)

UTEP

Fall 2022

CIS 4365 – Database Management
Overall rating as the instructor: 4.90
Overall rating of the course: 4.76

Spring 2023

CIS 3330 – Analytic Programming Tools
Overall rating as the instructor: 4.82
Overall rating of the course: 4.76

CIS 3301 – Intro to Data Process & Prog
Overall rating as the instructor: 5
Overall rating of the course: 5

CIS 4365 – Database Management
Overall rating as the instructor: 4.7
Overall rating of the course: 4.67

Fall 2023

CIS 3330 – Analytic Programming Tools
Overall rating as the instructor: 4.89
Overall rating of the course: 4.74

CIS 4365 – Database Management
Overall rating as the instructor: 4.72
Overall rating of the course: 4.72

Spring 2024

CIS 3330 – Analytic Programming Tools
Overall rating as the instructor: 4.65
Overall rating of the course: 4.7

CIS 4365 – Database Management
Overall rating as the instructor: 4.7
Overall rating of the course: 4.67

Fall 2024

CIS 3301 – Intro to Data Process & Prog
Overall rating as the instructor: 4.79
Overall rating of the course: 4.75

CIS 3330 – Analytic Programming Tools
Overall rating as the instructor: 4.73
Overall rating of the course: 4.67

CIS 4365 – Database Management
Overall rating as the instructor: 4.92
Overall rating of the course: 4.84

Service

Virginia Research Seminar Series. Technical Assistant. March 2018.

Business Information Technology. Student's representative at Graduate Students Assembly, 2017-2018, 2019-2020, 2020-2021.

Reviewed for Information Systems Journal, Internet Research, Information Systems Frontiers, Finance Research Letters, ICIS (2019, 2020, 2021), AMCIS 2021, and CIST 2021.

Associate Editor for ICIS 2024.

Faculty Advisor for the Association of Information Technology Professions (AITP) 2022-2025

Submitted papers

Jie Yan, Dorothy Leidner; Puzant Baloizian; Eduardo D. Villacis Calderon; Ramona Ionescu. Workplace Cyberbullying: A Multidisciplinary Review and Agenda for Future Research in the Era of Artificial Intelligence. *International Journal of Information Management*

Under review papers

Eduardo D. Villacis Calderon, Jie Yan, Han, Paul B. Lowry. "Effects of Social Support on Toxicity and Mental Well-Being of Older Adult Users in Online Health Communities: An Empirical Study", *Journal of the Association for Information Systems*.

Sergio Grove, Yoonsun Jeong, Eduardo D. Villacis Calderon. "Do Not Let Lexicons and Their Components Drive Your Results", *Marketing Letters*.

Working papers

Eduardo D. Villacis-Calderon, Sergio Grove, Sukhwa Hong, Jie Yan, David Goldberg. Harnessing Lexicon and Deep Learning Methodologies for Detecting Dispositional Optimism in Textual Responses. Target journal: *Decision Support Systems*

Sergio Grove, Eduardo D. Villacis-Calderon. AI-Driven Lexicon for Overconfidence Detection: Measuring CEO Overconfidence in Earnings Calls Through Performance-Linked Training. Target journal: *Academic of Management Journal*

Eduardo D. Villacis-Calderon, Abdelaziz Alsharawy. The password manager paradox: How password manager affordances and risk perceptions affect user adoption and retention in a world dominated by Artificial Intelligence. Target journal: *Journal of Management Information Systems*

Sergio Grove, Eduardo D. Villacis-Calderon. Does Online Health Communities Amplification of Positiveness Improve Depressed Users' Well-Being? A Technological Artifact Investigation. Target journal: *International Journal of Information Management*