

TEXAS STATE VITA**I. Academic/Professional Background**

A. Name and Title

Name: Dr. Diane M. Dolezel Title: Associate Professor

B. Educational Background

<i>Degree</i>	<i>Year</i>	<i>University</i>	<i>Major</i>	<i>Thesis/Dissertation</i>
EDD	2015	Nova Southeastern University	Education	Predictors of Success for Health Information Management Students
BSHIM	2009	Texas State University	Health Information Management	
MS	1997	Texas State University	Computer Science	
BS	1986	Southeastern Oklahoma State Univ	Computer Science	

C. University Experience

<i>Position</i>	<i>University</i>	<i>Comments</i>	<i>Dates</i>
Associate Professor, Health Information Management	Texas State University. san		September 1, 2020 - Present
Assistant Professor, Tenure Track, Health Information Management Department	Texas State University. San Marcos, TX		September 2014 - Present
Senior Lecturer, Health Information Management Department	Texas State University. San Marcos, TX		September 2010 - August 2014
Adjunct, Associate Professor, Computer Science	Austin Community College. Austin, TX		January 2012 - August 2013
Adjunct Lecturer, Computer and Information Systems & Quantitative Methods	Texas State University. San Marcos, TX		September 2012 - December 2012
Adjunct Professor, Health Informatics & Information Management Department	Resurrection University. Chicago, IL		August 2011 - September 2012

D. Relevant Professional Experience

<i>Position</i>	<i>Entity</i>	<i>Comments</i>	<i>Dates</i>
Medical Coder	Seton Medical Center, Austin, TX		2009 - 2010

E. Other Professional Credentials (licensure, certification, etc.)

TeamSTEPPS 2.0 Fundamentals Course, Texas State University. (May 1, 2018 - Present).

[Teams STEPPS 2.0 Fundamentals-1.PDF](#)

CITI Certification, CITI. (February 7, 2020 - February 6, 2022).

[citiCompletionReport5538690\(1\)-1.pdf](#)

Registered Health Information Administrator, AHIMA. (June 2009 - December 31, 2019).

Certified Health Data Analyst, AHIMA. (May 17, 2016 - March 31, 2019). License Number: DA46182.

[AHIMA CHDA-1.pdf](#)

II. TEACHING

B. Courses Taught:

Texas State University:

CIS 3380 - ENT IT & BUS INTEL

CIS 3389 - PROG DATA PROCESSING

HIM 2360 - MED TERMINOLOGY

HIM 3310 - FUNDAMENTALS HI SY

HIM 3311 - INFORMAT ANALYTICS

HIM 3311 - MGMT OF HIM SYSTEM

HIM 3350 - LEGAL ASPECTS HIM

HIM 3380 - QLTY IMPRVMENT HIM

HIM 3463 - INTRO TECHNCL HIM

HIM 4101 - PROBLEMS IN HIM

HIM 4331 - HIM RES DATA ANLYS
HIM 4331 - RESEARCH AND DATA ANALYTICS
HIM 4363 - COMP REC SYSTEMS
HIM 4385 - HIM PRACTICUM
HIM 4388 - PRACTICUM
HIM 5300 - INDEP STUDY IN HIM
HIM 5302 - CLINICAL FOUNDATIONS OF HIM
HIM 5311 - INFORMAT ANALYTICS
HIM 5320 - RESEARCH FOR HIM
HIM 5341 - TERMINOLOGIES
HIM 5343 - ADV DATA ANALYTICS HEALTHCARE
HIM 5344 - HEALTHCARE DATABASE MGT SYS
HIM 5380 - QI IN HEALTH CARE
HIM 5399A - THESIS
QMST 5334 - STAT METHODS
QMST 5336 - ANALYTICS

Austin Community College:

BCIS 1305 - Business Computer Applications (Class & Lab)
ITSE 1450 - Systems Analysis and Design: Project Management (Class & Lab)

Resurrection University:

HIM 3105 Human Resource Management in Healthcare
HIM 3105 - Human Resource Management in Healthcare
HIM 4200 - Budget and Finance for the Healthcare Setting
HIM 4320 - Healthcare Reimbursement

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

Member, Master's Thesis, "An Exploratory Study of Physician Perspectives Regarding Virtual Visits and Patient Health Outcomes", Status: Completed. (May 2019 - June 2019). HIM, Texas State University.

Student(s): Sylvia Benitez, Graduate, MHIM.

[Benitez Thesis Signature-1.PDF](#)

D. Courses Prepared and Curriculum Development:

Masters of HIM - new focus on Informatics and Analytics, Curriculum Development: October 2019 - December 2019.

Additional Comments: Coauthor of proposal to add new focus on Informatics and Analytics to the existing Masters of HIM degree.

3380 Quality Improvement in HIM, Curriculum Development: September 2019 - December 2019.

Additional Comments: Revised to meet new CAHIIM accreditation domains. Removed older assignments and added numerous new database query and object creation assignments.

HIM 5320, Curriculum Development: August 2019 - December 2019.

Additional Comments: Revise to use R statistical software and Python statistical software to meet new CAHIIM accreditation domains .

HIM 4331 Health Information Management Research and Data Analysis, Curriculum Development: July 2019.

Additional Comments: Revise to meet new CAHIIM accreditation domains and added Python software assignments, revised existing assignments.

MHIM 5380 Quality Improvement in Health Care, Curriculum Development: July 2019.

Additional Comments: Revised to meet new CAHIIM Accreditation domains, and to use R statistical software and Python software.

HIM 4331 Research and Data Analysis, Curriculum Development: August 2018.

Additional Comments: Major revision. Revised to use R statistical software, and to use new textbook.

MHIM 5380 Quality Improvement in Health Care, Curriculum Development, Texas State University: July 2019.

Additional Comments: Revised to meet new CAHIIM Accreditation domains, and to use R statistical software and Python.

QMST 5336 Business Analytics, Curriculum Development, Texas State University.
Taught: August 2021 - December 2021.

Additional Comments: Full course development to teach two sections of this Python class using Jupyter Notebook. New course content added.

HIM 5311 Informatics, Analytics, and Data Use, Curriculum Development, Texas State University. Taught: August 2016 - December 2016.

Additional Comments: Full course redesign completed to improve the student experience. New textbooks, lectures, syllabus, assessments, assignment, forums, rubrics. Tableau software assignments added for data visualization and analysis.

HIM 5380 Quality Improvement in Healthcare, Curriculum Development, Texas State University. Taught: August 2016 - December 2016.

Additional Comments: Initial development of this course for the new Masters of Health Information Management program. Complete course design for class taught in Fall 2016.

HIM 3350 Legal Aspects of Health Information Management, Curriculum Development, Texas State University. Taught: January 2014 - May 2014.

Additional Comments: Completely redesigned assessment and exercises as response to curriculum readjustment move to get it back on track with the course objectives.

HIM 3380 Quality Improvement Regulations & Procedures for Health Information Management, Curriculum Development, Texas State University. Taught: January 2014 - May 2014.

Additional Comments: Changed textbooks to one that was more in line with the new AHIMA domains of practice. Complete course rewrite of every aspect of class except the course objectives.

CIS 3389, First Time Course Preparation, Texas State University. Taught: January 2022 - May 2022.

HIM 5300 Independent Study, First Time Course Preparation, Texas State University. Taught: June 2019 - August 2019.

Additional Comments: Full development of a class which covers Medical Terminology, Pathophysiology and Pharmacology, Anatomy and Physiology.

HIM 5311 Informatics, Analytics, and Data Use, First Time Course Preparation, Texas State University. Taught: August 2015 - December 2015.

Additional Comments: Initial development of this course for the new Masters of Health Information Management program. Complete course design for class taught in Spring 2016.

Masters of HIM, New Course: May 2020 - Present.

Additional Comments: Add new course on advanced informatics and analytics to the existing MHIM focus on Informatics and Analytics.

Masters of HIM focus, New Course: January 2020 - Present.

Additional Comments: Develop new course on databases for the existing MHIM Informatics and Analytics focus.

HIM 3105 Human Resource Management in Healthcare, New Course, Resurrection University. Taught: 2011.

Additional Comments: Developed syllabus, course materials, and assignments for this new class.

HIM 4200 Budget and Finance for the Healthcare Setting, New Course, Resurrection University. Taught: 2011.

Additional Comments: Developed syllabus, course materials and assignments for this class which had not previously been offered.

HIM 4320 Healthcare Reimbursement, New Course, Resurrection University. Taught: 2011.

Additional Comments: Developed syllabus, course materials and assignments for this class which had not been offered before.

HIM 5302 Clinical Foundations of HIM, New Course, Texas State University. Proposed: May 2019 - August 2019.

Additional Comments: Full development of a class which covers Medical Terminology, Pathophysiology and Pharmacology, Anatomy and Physiology, Statistics, and Introduction to Microcomputers. These classes are required by the CAHIIM accreditation board. Class will be taught Fall 2019.

HIM 3463 Introduction and Technical Aspects for Health Information Management, New Course, Texas State University. Taught: August 2011 - December 2011.

Additional Comments: Major redesign of class to support a program change. Specifically to move an on-site clinical directed experience course back into the classroom with emphasis on virtual lab activities, site visits, and enhanced health record review.

QMST 5334, Revise Existing Course, Texas State University. Taught: May 2022 - August 2022.

HIM 3311 Management of Health Information Systems, Revise Existing Course, Texas State University. Taught: January 2011 - August 2011.

Additional Comments: Restructured to teach in 5.5 week summer session.

F. Other:

2021 Chair Eval. (August 20, 2021 - Present).

[2021 Dolezel Chair Evaluation-1.pdf](#)

BSHIM Program Chair Evaluation. (February 23, 2020 - Present).

[Dolezel peer review HIM 3380 Spring 2020-1.docx](#)

Chair Evaluation. (2017).

[2017 Chair 5311-1.pdf](#)

Peer Eval 3380. (February 22, 2017).

[2017 Peer Eval 3380-1.pdf](#)

Peer Eval 4331. (February 20, 2017).

[2017 Peer Eval 4331-1.pdf](#)

Peer Eval 5380. (December 21, 2018).

[2018 Peer Eval 5380-1.pdf](#)

Student Email - Derrick. (2018).

[2018 Student Email - Derrick-1.pdf](#)

Student Email - Guevara. (2019).

[Student Email - Guevara 2019-1.pdf](#)

Student Email - Jones. (2018).

[2018 Student Email - Jones-1.pdf](#)

Student Email - King. (2017).

[2017 Student Email - King-1.pdf](#)

Student Email - McGhee. (2018).

[2018 Student Email - McGhee-1.pdf](#)

Student Email - Turrietta. (2019).

[2019 Student email - Turrietta-2.pdf](#)

G. Teaching Professional Development Activities Attended

"YuJa Basics," Texas State University, Round Rock. (August 10, 2022 - Present).

Certified Health Data Analyst (CHDA) certification, AHIMA, Austin, TX, United States. (May 2016).

Additional Comments: Completed AHIMA certification exam to earn Certified Health Data Analyst (CHDA) certification in May, 2016.

Tutorial, "Lynda.com certifications- Excel 2013: Working with Charts and Graphs." (March 10, 2016 - March 23, 2016).

Tutorial, "Lynda.com certifications- The Basics of Data for Analytics." (March 10, 2016 - March 23, 2016).

Workshop, "Faculty Showcase: Active Learning in a Flipped Class," Texas State University, Dr. Gail Ryser, San Marcos, TX, United States. (March 4, 2016).

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

c. Edited Books:

Refereed:

Biedermann, S., & Dolezel, D. (2017). *Introduction to Healthcare Informatics* (2nd ed.). Chicago, IL: AHIMA.

[Dolezel Chapter Authorship-1.pdf](#)

Additional Comments: I was the book Co-editor and the chapter author and/or co-author for multiple chapters in this book.

2. Articles:

a. Refereed Journal Articles:

Fulton, L. V., Adepoju, L., Dolezel, D. M., Ekin, T., Gibbs, D. L., Hewitt, B. A., ... Woodard, L. (2021). Determinants of Diabetes Disease Management, 2011-2019. *Healthcare*, 9(994).

[healthcare-09-00944-1.pdf](#)

Fulton, L. V., McLeod, A. J., Dolezel, D. M., Bastian, N., & Fulton, C. (2021). Deep Vision for Breast Cancer Classification and Segmentation. *Cancers*, 13(21), 5384.

[revision-2.docx](#)

McLeod, A. J., & Dolezel, D. M. (2021). Security Policy Non-Compliance: Can Capitulation Theory Explain User Behaviors? *Computers & Security*. Published. Retrieved from

<https://www.journals.elsevier.com/computers-and-security><https://www.journals.elsevier.com/computers-and-security>
[Computers and Security Submittal-1.pdf](#)

Dolezel, D. M., McLeod, A., & Fulton, L. (2021). Examining Predictors of Myocardial Infarction. *International Journal of Environmental Research and Public Health*. Published.

[ijerph-18-11284-1.pdf](#)

Additional Comments: <https://doi.org/10.3390/ijerph182111284>

Dolezel, D., & McLeod, A. J. (2020). Big Data Skills: Bridging the Data Science Theory-Practice Gap. *Perspectives in Health Information Management*. Published.

[system_appendPDF_proof_hi-1.pdf](#)

Dolezel, D., & McLeod, A. J. (2019). Managing Security Risk: Modeling the Root Causes of Data Breaches. *The Health Care Manager*, 38(4), 8.

[Root Causes of Data Breaches-1.pdf](#)

Fulton, L. V., Dolezel, D. M., Yan, Y., & Fulton, C. P. (2019). Classification of Alzheimer's Disease with and without Imagery Using Gradient Boosted Machines and ResNet-50. *Brain Sciences*, 9(9), 212.

<https://doi.org/10.3390/brainsci9090212> JCR IF: 2.8 Q2

Neuroscience<https://www.mdpi.com/2076-3425/9/9/212>

[brainsci-09-00212-1.pdf](#)

Dolezel, D., & McLeod, A. J. (2019). Big Data Analytics in Healthcare: Investigating the Diffusion of Innovation. *Perspectives in Health Information Management, Summer*. Published.

[Big Data Analytics - Diffusion of Innovation-1.pdf](#)

Dolezel, D., & McLeod, A. J. (2019). Cyber-Analytics: Identifying Discriminants of Data Breaches. *Perspectives in Health Information Management, Summer*. Published.

[Cyber-Analytics Identifying Discriminants of Data Breaches-1.pdf](#)

Dolezel, D. (2019). Cybersecurity and Understanding Cyber Risk. *Journal of American Health Information Management*, 90(4), 32–34.

[CyberSecurity - Understanding Cyber-Risk-2.pdf](#)

Dolezel, D., Shanmugam, R., & Morrison, E. (2018). Are college students health literate? *Journal of American College Health*, 2018, 1–8.

<https://doi.org/doi:10.1080/07448481.2018.1539001><https://www.tandfonline.com/doi/abs/10.1080/07448481.2018.1539001?journalCode=vach20>

[Are college students health literate-1.pdf](#)

McLeod, A. J., & Dolezel, D. M. (2018). Cyber Analytics: Modeling Factors Associated with Healthcare Data Breaches. *Decision Support Systems and Electronic Commerce*. Published.

[DECSUP-D-17-00697R3\(4\)-1.pdf](#)

Murphy-Abdouch, K., Dolezel, D., & McLeod, A. (2017). Patient Access to Personal Health Information: An Analysis of the Consumer's Perspective. *Perspectives in Health Informatics and Information Management, Summer*, 1–19. Retrieved from

[http://perspectives.ahima.org/http://perspectives.ahima.org/pub_pr_Patient Access to Personal Health Information- An Analysis of the Consumer's Perspective-1.pdf](http://perspectives.ahima.org/http://perspectives.ahima.org/pub_pr_Patient%20Access%20to%20Personal%20Health%20Information-%20An%20Analysis%20of%20the%20Consumer's%20Perspective-1.pdf)

Dolezel, D., & Morrison, E. (2017). Improving the Healthcare Curriculum with Ethics: Gaps Between Perceived Ethical Challenges of Practitioners and Educators. *Journal of Curriculum and Teaching*, 6(1), 45–57. Retrieved from

<https://doi.org/10.5430/jct.v6n1p45https://doi.org/10.5430/jct.v6n1p45>
[Improving the Curriculum With Ethics-1.pdf](#)

Hewitt, B., Dolezel, D., & McLeod, A. (2017). Mobile Device Security: Perspectives of Future Healthcare Workers. *Perspectives in Health Information Management, Winter*. Published. Retrieved from

[http://perspectives.ahima.org/http://perspectives.ahima.org/MobileDeviceSecurity published-1.pdf](http://perspectives.ahima.org/http://perspectives.ahima.org/MobileDeviceSecurity%20published-1.pdf)

Dolezel, D., & McLeod, A. (2016). The Odds of Success: Predicting Registered Health Information Administrator Exam Success. *Perspectives in Health Information Management, Winter*. Published.

[TheOddsofSuccess published-1.pdf](#)

Dolezel, D., McLeod, A., & Clisbee, M. (2016). Master of Health Information Management Students' First-Year Experiences: A Case Study. *Educational Perspectives in Health Information Management, Fall*, 1–15.

[MHIMStudents-1.pdf](#)

Wang, T., & Dolezel, D. (2016). Usability of web-based personal health records: an analysis of consumers' perspectives. *Perspectives in Health Information Management, Spring*, 1–14.

[UsabilityofWeb-1.pdf](#)

Dolezel, D., & Moczygemba, J. (2015). Implementing EHRs: An Exploratory Study to Examine Current Practices in Migrating Physician Practice. *Perspectives in Health Information Management, Winter*, 1–15. Retrieved from

<http://perspectives.ahima.org/implementing-ehrs-an-exploratory-study-to-examine-current-practices-in-migrating-physician-practice/#.VpVmRVKjpzAhttp://perspectives.ahima.org/implementing-ehrs-an-exploratory-study-to-examine-current-practices-in-migrating-physician-practice/#.VpVmRVKjpzA>
[Implementing EHRs An Exploratory Study formatted 111314-1.pdf](#)

3. Conference Proceedings:

a. Refereed Conference Proceedings:

Fulton, L., Dolezel, D., & McLeod, A. J. (2022). Deep Vision for Breast Cancer Classification and Segmentation.

[Best Paper Wards--The Global Interdisciplinary Green Cities Conference 2022-1.pdf](#)

McLeod, A. J., & Dolezel, D. M. (2020). Toward Capitulation Theory. Atlanta, GA, U.S.: Association for Information Systems.

[Toward Capitulation Theory-1.pdf](#)

McLeod, A. J., & Dolezel, D. M. (2018). Understanding Healthcare Data Breaches: Crafting Security Profiles (pp. 1–9). Association for Information Systems.

[Understanding Healthcare Data Breaches_Crafting Security Profile\(1\)-1.pdf](#)

10. Other Works in Print:

Other:

Dolezel, D. (2015). *How to Use Relational Databases: Data Retrieval with Structured Query Language*. *Journal of American Health Information Management* (11th ed., Vol. 86, pp. 22–27). Chicago, IL: AHIMA.

[RelationalDatabases-1.pdf](#)

Dolezel, D. (2015). *Data Analysis Starter Kit*. *Journal of American Health Information Management* (5th ed., Vol. 86, pp. 22–27). Chicago, IL: AHIMA.

[Data Analysis ToolKit-1.pdf](#)

Dolezel, D. (2015). *Metadata Offers Roadmap to Structured Data*. *Journal of American Health Information Management* (2nd ed., Vol. 86, pp. 44–46). Chicago, IL: AHIMA.

[MetaData-1.pdf](#)

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

McLeod, A. (Presenter), Dolezel, D. (Presenter), Health Information Management (HIM) Spring Leadership Conference, "Cyber Analytics: Creating Security Profiles using Predictive Analytics," Department of Health Information Management, San Marcos, TX, United States. (April 20, 2017).

- McLeod, A. J., Dolezel, D. M., HIMSS 2018, "Modeling Factors Associated with Healthcare Data Breaches," Health Information Management Systems Society, Cook County Convention Center, Las Vegas, NV, United States. (March 6, 2018).
[155-1-1-1.pptx](#)
- Dolezel, D. M., Moczygamba, J. A., McLeod, A. J., Assembly on Education/Faculty Development Institute, "Predicting RHIA Exam Success," American Health Information Management Association, Los Angeles, CA, United States. (July 31, 2017).
[AOE Presentation_Template - Predict RHIA Exam Success-1.pptx](#)
- Dolezel, D., AHIMA Assembly on Education, "Relational Database Design: Building a Reporting System," AHIMA, Austin, TX, United States. (July 21, 2015).
[Relational Database Design \(AOE\)-1.pptx](#)
- Dolezel, D., TXHIMA Annual Convention, "Metadata and Data Governance," TXHIMA, San Marcos, TX, United States. (June 29, 2015).
[Metadata-Data-Governance-1.pptx](#)
- Moczygamba, J. (Presenter), Dolezel, D. (Presenter), TXHIMA Annual Convention, "Current Practices in Migrating Longitudinal Clinical Data," TXHIMA, Corpus Christi, TX, United States. (June 10, 2014).
[Implementing EHRs Research-05-06-14-1.pptx](#)
- Dolezel, D. (Presenter), TXHIMA Annual Convention, "Electronically Stored Information: So, You Think You Have a Backup?," TXHIMA, Corpus Christi, TX, United States. (June 9, 2014).
[Electronically Stored Information-1.pptx](#)
- Dolezel, D. (Presenter), Moczygamba, J. (Presenter), AHIMA National Convention, "Implementing Electronic Health Records: An Exploratory Study to Examine Current Practices in Migrating Longitudinal Clinical Data," AHIMA, Atlanta, GA, United States. (October 30, 2013).
[Implementing EHRs Exploratory Study-1.pptx](#)
- Dolezel, D. (Presenter), HIMSS13, "Metadata: Pathway to Structured Data," HIMSS, New Orleans, LA, United States. (March 13, 2013).
[MetaData- Pathway to Structured Data \(HIMSS13\)-1.pptx](#)
- Dolezel, D. (Presenter), TSHAP Fall Conference, "Online Collaboration: Adobe Connect for Web Meetings," Texas Society for Allied Health Professionals (TSHAP), San Antonio, TX, United States. (September 28, 2012).
[Online Collaboration Adobe Connect for Web Meetings \(TSAHP 2012\)-1.pptx](#)
- Moczygamba, J., Dolezel, D., AHIMA Assembly on Education, "Engaging First Year Students in Meaningful Lab Activities," AHIMA, Orlando, FL, United States. (July 24, 2012).

Dolezel, D. (Presenter), TSAHP Fall Conference, "E-Learning: Creating Control Charts," El Centro College, Dallas, TX, United States. (September 16, 2011).

Dolezel, D., TSHAP Fall Conference, "E-Learning: Creating Control Charts," TSHAP, El Centro College, Dallas, TX, United States. (September 16, 2011).

[E-Learning Creating Control Charts \(TSAHP 2011\)-1.pptx](#)

Dolezel, D., TXHIMA Annual Convention, "Monitoring Compliance: Are Your Processes in Control?," TXHIMA, Arlington, TX, United States. (June 29, 2011).

2. Invited Talks, Lectures, and Presentations:

McLeod, A. J., Dolezel, D. M., Americas Conference on Information Systems (AMCIS), "Understanding Healthcare Data Breaches: Crafting Security Profiles," Association for Information Systems, New Orleans, LA. (August 16, 2018).

Dolezel, D. M., Gibbs, D. L., Austin HIMSS meeting, "MHIM Program," Health Information Systems Society (HIMSS), Virtual, Austin, United States. (April 14, 2020).

Additional Comments: Presented on Masters of Health Information Management program at Texas State University

Dolezel, D. (presenter), Moczygemba, J. (presenter), AHIMA 89th National Convention, "Data Analytics: Using Tableau for Big Data Analysis," AHIMA, Los Angeles, CA. (October 10, 2017).

[AHIMA17 - Tableau for Big Data-1.pptx](#)

Dolezel, D. (Presenter), Moczygemba, J. (Presenter), Alamo Area AHIMA, "Implementing Electronic Health Records: An Exploratory Study to Examine Current Practices in Migrating Longitudinal Clinical Data," San Antonio, TX, United States. (February 15, 2014).

Dolezel, D., HIMSS, "Data Dictionaries: Tools for Data Quality," Health Information and Management Society, Austin, TX. (July 12, 2011).

Dolezel, D., HIMSS Monthly Meeting, "Data Dictionaries: Tools for Data Quality," HIMSS, Austin, TX, United States. (July 11, 2011).

Dolezel, D. (Presenter), Moczygemba, J. (Presenter), Alamo Area AHIMA, "Usability in Health IT," San Antonio, TX, United States. (May 21, 2011).

5. Other Works not in Print:

a. Works "submitted" or "under review":

Journal Articles:

McLeod, A. J., & Dolezel, D. (Submitted / Under Review). Why are user taking risks? Human factors in cybersecurity. *Information System Frontiers*. Retrieved from <https://journals.elsevier.com/international-journal-of-information-management> (August 11, 2022)<https://journals.elsevier.com/international-journal-of-information-management> [JJIM-S-22-01539 Submittal-1.pdf](https://journals.elsevier.com/international-journal-of-information-management)

Hewitt, B. A., & Dolezel, D. M. (Submitted / Under Review). Using Technology Threat Avoidance Theory to Explore What Motivates Individuals to Secure Mobile Devices. *Communication of the Association of Information Systems*. (August 3, 2022) [CAIS draft Proof hi 8 3 22-1.pdf](#)

Dolezel, D. M., & Hewitt, B. A. (Submitted / Under Review). Using the Theory of Planned Behaviour to Explore Security and Privacy Concerns Influence on Continued Use of Telehealth. *Information Systems Frontiers*. (July 21, 2022)

b. Works "in progress":

Journal Articles:

Dolezel, D. M., & McLeod, A. J. (In Preparation; Not Yet Submitted). Determinants of Healthcare Data Breaches.

Additional Comments: Definitive Healthcare and DHHS

Hewitt, B. A., & Dolezel, D. M. (In Preparation; Not Yet Submitted). Working from Home: Testing Technology Threat Avoidance Theory. *Communication of the Association of Information Systems*.

Dolezel, D. M., & McLeod, A. J. (In Preparation; Not Yet Submitted). Machine Learning Prediction of the Risks of Stroke.

c. Other Works Not in Print:

Posters:

Fulton, L. V., McLeod, A. J., Dolezel, D. M., Bastian, N., Fulton, C., Translational Health Scholar Showcase, "Deep Vision for Breast Cancer Classification and Segmentation," Texas State University. (April 8, 2022). [Cancer Research-1.pptx](#)

Fulton, L. V., McLeod, A. J., Hewitt, B. A., Ramamonjariavelo, Z. H., Dolezel, D. M., Ekin, T., Gibbs, D. L., Tesic, J., 5th Annual Texas State University Health Scholar Showcase, "Deep Vision for Breast Cancer Classification," Texas State, Virtual, San Marcos, TX. (April 2021).
[GMT20210407-104226_Recording_3840x2160-1.mp4](#)

Dolezel, D., Dolezel, D. M., Texas State Translational Health Research, "Cyber-Analytics: Modeling Factors Associated with Healthcare Data Breaches," Texas State University, San Marcos, TX. (February 27, 2019).

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Fulton, Lawrence V (Principal), Villagran, Melinda Morris (Co-Principal), Bing Zhou (Co-Principal), Mendez, Francis A (Co-Principal), Ekin, Tahir (Co-Principal), Qasem, Apan Muhammad (Co-Principal), Konur, Dincer (Supporting), Alanis, Emmanuel (Supporting), Zihagh, Fereshteh (Supporting), Dong, Zhijie (Co-Principal), Shen, Xiaoxi (Supporting), De Nadai, Alessandro Stevens (Supporting), Zhu, Ye (Co-Principal), Hewitt, Barbara A (Co-Principal), Valles Molina, Damian (Supporting), White, Alexander (Supporting), Dolezel, Diane M (Supporting), Ioudina, Vera (Supporting), Islam, Tanzima Z (Supporting), Lee, Chul Ho (Supporting), Metsis, Vangelis (Supporting), Moradi, Masoud (Supporting), Gao, Ju (Supporting), Li-Jen, Lester (Supporting), Jones, Dustin (Supporting), Pham, Vung (Supporting), Holt, Melinda (Supporting), Kyung An, Min (Supporting), Islam, ABM (Supporting), Cho, Hyuk (Supporting), Liu, Quigzhong (Supporting), Liang, Fan (Supporting), Topinka, Joseph Baar (Supporting). The Accelerating Credentials of Purpose and Value for the Texas Innovation Corridor (TIC) Consortium Grant, THECB, State, \$1,450,000.00. (Submitted: November 2021, Funded: February 2022 - October 2022). Grant.

[final proposal with all signatures and letters 11 11 21-1.pdf award-1.pdf](#)

2. Submitted, but not Funded, External Grants and Contracts:

Fulton, Lawrence V (Principal), Tesic, Jelena (Co-Principal), Hewitt, Barbara A (Co-Principal), Dolezel, Diane M (Co-Principal), Gibbs, David L (Co-Principal), Ekin, Tahir (Co-Principal), Ramamonjariavelo, Zo H (Co-Principal), McLeod, Alexander John (Co-Principal). Deep Learning for Male and Female Breast Cancer, Department of Defense, Federal, \$1,000,000.00. (Submitted: March 2021, Funded: September 2021 - 2023). Grant.

[ProjectNarrative \(1\)-1.pdf](#)

Hewitt, Barbara A (Principal), McLeod, Alexander John (Supporting), Fulton, Lawrence V (Co-Principal), Lieneck, Cristian H (Supporting), Moczygamba,

Jacqueline A (Supporting), Gibbs, David L (Supporting), Dolezel, Diane M (Other), Wang, Tiankai (Supporting), Shanmugam, Ram (Supporting). Public informatics Health Education, Analytics, Research & Technology in Texas (Public iHEARTx), Office of the National Coordinator for Health Information Technology (ONC), Federal, \$10,000,000.00. (Submitted: August 11, 2021). Grant.

[PHIT Application Narrative 8 10 jm ra bh-1.docx](#)

[BH justifications 8 8 21 am-1.xlsx](#)

[Copy of KC3033.DetailedBudget.Hewitt.DHHS 8 5 21-1.xlsx](#)

Dolezel, Diane (Principal), Moczygemba, Jackie (Co-Principal). Assessing Functional Health Literacy, Robert Woods Johnson Foundation- Optimizing Value in Health Care Consumer-Focused Trends from the Field, Private / Foundation / Corporate. (Submitted: March 1, 2015). Grant.

Dolezel, Diane (Principal). Predictors of Success for Health Information Management Students, Texas Society for Allied Health Professionals, Private / Foundation / Corporate. (Submitted: February 1, 2014). Grant.

3. Funded Internal Grants and Contracts:

Moczygemba, Jackie (Principal), Dolezel, Diane (Co-Principal). Implementing EHRs: An Exploratory Study to Examine Current Practices in Migrating Longitudinal Clinical Data., Research Enhancement Program Grant, Institutional (Higher Ed), \$7,402.00. (Submitted: December 1, 2012, Funded: January 4, 2013 - January 3, 2014). Grant.

4. Submitted, but not Funded, Internal Grants and Contracts:

Hewitt, Barbara (Principal), Percent Contribution: 55%, Dolezel, Diane M, Percent Contribution: 45%. Exploring the Impact of Diabetes Education and Social Determinants on Diabetes Self-Management, Texas State University, Texas State University, \$16,000.00. (Submitted: October 13, 2021). Grant.

[REP Proposal-1.docx](#)

Ekin, Tahir (Supporting), Fulton, Lawrence V (Principal), Hewitt, Barbara A (Supporting), Dolezel, Diane M (Supporting), McLeod, Alexander John (Supporting), Musal, Rasim M (Supporting), Lieneck, Cristian H (Supporting). Modeling Alzheimer's Disease Progression via Novel Deep Learning Strategies, Texas State University Multi-disciplinary Internal Research Grant (MIRG), Texas State University, \$30,000.00. (Submitted: January 2021). Grant.

Dolezel, Diane (Principal). First-year Master of Health Information Management Students' experiences, Research Enhancement Program Grant, Institutional (Higher Ed), \$16,000.00. (Submitted: October 1, 2015). Grant.

D. Scholarly / Creative Fellowships, Awards, Honors:

Award / Honor Recipient: 2018 College Achievement Award for Excellence in Research,
College of Health Professions.
2018

Award / Honor Recipient: 21st Annual Faculty/Student Research Forum, College of
Health Professions.
August 2017

Additional Comments: Third Place in Faculty Research

Award / Honor Recipient: American Health Information Management Association
Foundation Merit Scholarship recipient.
December 1, 2013

Award / Honor Recipient: Award for Academic Excellence, Texas State University
Health Information Management Department.
January 1, 2009

E. Scholarly / Creative Professional Development Activities Attended:

Workshop, "Grant Writing Workshop," Texas State University, San Marcos, TX, United
States. (April 2, 2021 - Present).

Additional Comments: Workshop from 12 pm to 3:30 pm

Tutorial, "NIH Enclave Training," Dept. of HHS, NIH, Bethesda, MA, United States.
(March 6, 2021 - Present).

Tutorial, "NIH Secure Remote Computing," Dept. of HHS, NIH, Bethesda, MA, United
States. (March 6, 2021 - Present).

Workshop, "2021 IRB Survival Skills: A Fresh Start," Texas State University, San.
(March 5, 2021 - Present).

Additional Comments: Denise Gobert's class.

Workshop, "Introduction to the Use of the Medicaid and CHIP TAF Data for Research,"
University of Minnesota Research and Data Assistance Center, Twin Cities, MN, United
States. (October 28, 2021 - October 29, 2021).

Conference Attendance, "AI Dev World," AI Dev World. (October 26, 2021 - October
27, 2021).

Additional Comments: all virtual conference

Seminar, "Virtual International Faculty/Student Exchange Seminar," Texas State University, Round Rock, TX, United States. (October 19, 2021).

[International Exchange Seminar Brochure with Bios-Final-1.docx](#)

Additional Comments: Host Universities: The State University of Applied Sciences in Racibórz, Poland & Texas State University

Tutorial, "Enclave," Dept. of HHS, NIH, Bethesda, MA, United States. (March 6, 2021).

[NIH Information Security for New Hires-1.pdf](#)

Tutorial, "NIH 2020 Information Security Refresher," Dept. of HHS, NIH, Bethesda, MA, United States. (March 6, 2021).

[NIH 2020 Information Security Management Refresher-1.pdf](#)

Tutorial, "NIH Information Management for New Hires," Dept. of HHS, NIH, Bethesda, MA, United States. (March 6, 2021).

[NIH Information Management for New Hires-1.pdf](#)

Additional Comments: Pursuant to accessing NIH Covid data.

Workshop, "Cybersecurity Awareness Phishing and Whaling," LinkedIn Learning, Carpinteria, CA, United States. (July 1, 2020).

[CertificateOfCompletion_Cybersecurity Awareness Phishing and Whaling-1.pdf](#)

Workshop, "Joining Data with Dplyr," DataCamp, Austin, TX, United States. (May 20, 2020 - May 21, 2020).

[Joining Data with Dplyr-1.pdf](#)

Workshop, "Data Manipulation with Dplyr," DataCamp, Austin, TX, United States. (May 19, 2020 - May 20, 2020).

[Data Manipulation with Dplyr-1.pdf](#)

Workshop, "Introduction to the TidyVerse," DataCamp, Austin, TX, United States. (May 15, 2020 - May 17, 2020).

[Data Camp Introduction to TidyVerse-1.pdf](#)

Workshop, "Data Visualization for Kaggle COVID-19 Dataset Workshop," Kaggle, Austin, TX, United States. (May 15, 2020).

Workshop, "Intermediate R," DataCamp, austin, TX, United States. (May 11, 2020 - May 15, 2020).

[DataCamp Intermediate R-1.pdf](#)

Seminar, "Delivering on the Promise of Machine Learning in Healthcare," Health Information Management Systems Society, austin, United States. (May 12, 2020).

Seminar, "Securing work from home solutions, How to harden your WFH deployment to weather this new normal," International Systems Security Certification Consortium, Austin, TX, United States. (May 11, 2020).

Workshop, "Introduction to R," DataCamp, austin, TX, United States. (May 2, 2020 - May 9, 2020).

[Data Camp Intro to R Certificate -5.09.2020-1.pdf](#)

Seminar, "Security Solution to Simplified Patient Care," Health Information Systems Society, austin, TX, United States. (May 5, 2020).

[Security CEE Certificate-1.pdf](#)

Seminar, "Securing Healthcare Transformation: Cybersecurity Trends and Insights," Health Information Systems Society, Chicago, MO, United States. (April 16, 2020).

[HIMSS Cybersecurity Trends-1.pdf](#)

Workshop, "The Data Science Behind COVID-19 Vulnerability Index," Galvanize, Austin, TX, United States. (March 31, 2020).

Conference Attendance, "AMIA Virtual Informatics Summit," American Medical Informatics Association, Bethesda, MD, United States. (March 25, 2020 - March 26, 2020).

[AMIA 2020 - Wed-Thursday-1.docx](#)

Additional Comments: <https://www.amia.org/summit2020/virtual-schedule>

Seminar, "Framework for Building Incident Response Plans," Health Information Management Systems Society, Columbus, United States. (February 17, 2020).

[HIMSS Incident Response Plans - Certificate-1.pdf](#)

Workshop, "SciPy Python Workshop," SciPY, Austin, TX, United States. (July 8, 2019 - July 9, 2019).

Seminar, "Intro to Data Science: Build a Predictive Model," Thinkful, Austin, TX, United States. (June 20, 2019).

Seminar, "A Gentle Introduction to Tidy Statistics in R (Webinar)," RStudio, Boston, MA, United States. (June 12, 2019).

Seminar, "Intro to Data Science: The Art of Visualizations (Python)," Thinkful, Austin, TX, United States. (June 11, 2019).

Seminar, "Intro to Python: Fundamentals," Thinkful, Austin, TX, United States. (June 11, 2019).

Austin HIMSS Monthly Meeting, "Health Informatics and Information Technology in the Local Healthcare Community," Austin HIMSS, Austin, United States. (February 12, 2019).

Conference Attendance, "Innotech," multiple, Austin, TX, United States. (October 2, 2018).

Conference Attendance, "Austin Cybersecurity Conference 2018," Data Connectors, Austin, TX, United States. (September 20, 2018).

[Austin CyberSecurity-1.pdf](#)

Conference Attendance, "Intelligent Conversation: Personalizing our Lives with AI," Austin Women in Technology, Austin, TX. (July 18, 2018).

Conference Attendance, "How AI is Set to Transform the Healthcare Industry," Austin HIMSS, Austin, TX. (June 10, 2018).

Workshop, "Team STEPPS." (May 1, 2018).

[Teams STEPPS 2.0 Fundamentals-1.PDF](#)

Workshop, "Data Dive - Building Effective Dashboards - Part Two: Hands," AHIMA. (March 27, 2018).

[Data Dive Building Dashboards Part 2 \(certificate\)-1.pdf](#)

Continuing Education Program, "CPHIMSS Review Course," HIMSS18 Las Vegas Nevada, (March 8, 2018).

Additional Comments: Preconference Hands-On Workshop, 8:00-4:30 pm

Seminar, "Data Dive - Building Effective Dashboards," AHIMA, Chicago, IL, United States. (February 21, 2018).

[Data Deep Dive Dashboards Part 2-1.PDF](#)

Conference Attendance, "Clear the Fog on Cyberattacks!," HIMSS, Austin, TX. (February 13, 2018).

Conference Attendance, "Securing Modern Cloud-Native Applications," ISC2, Austin, TX. (February 12, 2018).

Conference Attendance, "Innotech Technology Conference - Security Track," ISSA, Austin, TX, United States. (November 16, 2017).

Additional Comments: Relates to my research topics.

Seminar, "Reflective Writing for Any Assignment." (February 12, 2015).

Seminar, "Introduction to Rubrics." (2014 - November 14, 2014).

Workshop, "Creating and Teaching an Online Course workshop," Texas State University, San Marcos, TX, United States. (May 12, 2014 - May 21, 2014).

Additional Comments: Stipend. Faculty will receive pedagogical guidelines for developing online course materials.

Workshop, "Creating Teaching Presence in an Online Course," Texas State University, San Marcos, TX, United States. (February 28, 2014).

Workshop, "Texas Area 7 Workshop," Delta Kappa Gamma, Austin, TX, United States. (August 4, 2012).

Workshop, "AHIMA Research Training Boot Camp," AHIMA Foundation, San Marcos, TX, United States. (January 28, 2012 - February 28, 2012).

Additional Comments: Combination of online & face-to-face training at Texas State University, San Marcos, TX. Earned AHIMA CEUs. Focus was to produce a research grant proposal and submit. After completing the class we submitted our proposal and were awarded an REP internal grant.

IV. SERVICE

A. Institutional

1. University:

Member, Financial Aid Advisory, Appeals, & Scholarship Awards Committee. (August 2022 - Present).

Member, Minor in Data Science Workgroup. (July 2022 - Present).
[Implementation Working Group - Minor in Data Science-1.pdf](#)

Member, Minor in Data Science Working Group. (2021 - Present).

Member, Academic Standards Committee. (June 6, 2020 - Present).

Member, Faculty Senate Liaison, College of Health Professions, Health Information Management department. (January 1, 2013 - 2019).

Member, Faculty Senate, Academic Standards committee. (January 1, 2013 - 2017).

Member, Faculty Student Research Forum. (January 1, 2014 - November 2017).

Bobcat Days. (2011 - 2015).

Member, Faculty Senate, Adjunct Committee. (January 1, 2014 - January 1, 2015).

2. College:

Member, Graduate Student Scholarship. (September 2022 - Present).

Member, Undergraduate Scholarship. (September 2022 - Present).

Co-Chair, Faculty/Student Research Forum. (December 2017 - Present).
[Faculty Student Research Forum-1.docx](#)

Chair, Research Enhancement Program, College of Health Professions, Chair. (2017 - 2019).

Participant, College of Health Professions Scroll Ceremony. (October 2015 - 2017).

3. Department/School:

Chair, Student Scholarship, Awards, and Financial Aid. (August 2022 - Present).

Member, Graduate Curriculum Committee. (August 2022 - Present).

Member, MHIM Comprehensive Exam Committee. (August 2022 - Present).

Member, Undergraduate Curriculum Committee. (August 2022 - Present).

Member, Sue E. Biedermann Scholarship Committee. (June 2020 - Present).

Member, HIM Personnel Committee. (2020 - Present).

Participant, Annual HIM Graduate Student Orientation. (August 2016 - Present).

Member, MHIM Graduate Council. (September 2015 - Present).

Chair, HIM Faculty Search (Tenured). (December 2021 - 2022).

Chair, HIM Faculty Search Committee (Non-Tenured). (November 2021 - 2022).

Presenter, Spring Seminar class. (March 31, 2020).

Additional Comments: Presented to seniors on Masters of Health Information Management program.

Presenter, Spring Seminar class. (March 2, 2020).

Additional Comments: Presented on HIM 4331 Data Analysis & Statistics review for RHIA exam.

Speaker, CIS Student Meeting. (February 12, 2020).

Additional Comments: Presented on our MHIM program, with focus on new course offerings that CIS students can take as electives.

Speaker, Association of Certified Fraud Examiners (Austin chapter). (November 4, 2019).

Additional Comments: Speaker on CyberSecurity.

Participant, Student Advising for Health Information Management. (2014 - 2018).

Organizer, Graduate Assistant Hiring Contact for HIM. (2016 - May 2018).

Participant, Accreditation of Health Information Management department by CAHIIM. (January 2016 - 2016).

Participant, American Health Information Management Association Recruiting booth. (October 3, 2016 - 2016).

Organizer, Assist department chair to evaluate analytics software for MHIM courses. (2015).

Organizer, Developed Syllabi for four Masters of Health Information Management Courses. (2015).

Committee Member, Computer Resources Committee. (2010 - 2011).

Health Fair, Health Information Management booth, Texas State University. (October 2011).

Health Fair, Health Information Management booth, Texas State University.
(October 2010).

B. Professional:

Reviewer / Referee, Journal of Precision Medicine, Basel, Switzerland. (December 20, 2021 - Present).

Reviewer / Referee, Health Education & Behavior (SAGE Journal), Newbury Park, United States. (June 25, 2021 - Present).

Reviewer / Referee, Health Informatics Journal, United Kingdom. (June 2021 - Present).

Reviewer / Referee, Applied Sciences, Basel, Switzerland. (April 20, 2021 - Present).

Reviewer / Referee, Big Data and Cognitive Computing, Basel, Switzerland. (March 29, 2021 - Present).

Reviewer / Referee, Risks Journal, Basel, Switzerland. (February 12, 2021 - Present).

Reviewer / Referee, Applied Science, Basel, Switzerland. (December 2, 2020 - Present).

Reviewer / Referee, Healthcare, Basel, Switzerland. (November 2020 - Present).

Reviewer / Referee, Medicina, Basel, Switzerland. (August 7, 2020 - Present).

Reviewer / Referee, Health Policy and Technology, Amsterdam, Netherlands. (May 31, 2020 - Present).

Reviewer / Referee, International Journal of Environmental Research and Public Health, Basel, Switzerland. (May 31, 2020 - Present).

Reviewer / Referee, Journal of Risk and Financial Management, St. Alban-Anlage, Switzerland. (May 1, 2020 - Present).

Reviewer / Referee, Developments in the Built Environment (Elsevier), New York, NY, United States. (February 21, 2020 - Present).

Reviewer / Referee, International Journal of Medical Informatics. (January 13, 2020 - Present).

Reviewer / Referee, American Journal of Managed Care, Cranbury, NJ. (November 2019 - Present).

Reviewer / Referee, Information and Management, Amsterdam, Netherlands. (November 1, 2019 - Present).

Reviewer / Referee, Journal of American College Health. (October 2018 - Present).

Reviewer / Referee, Perspectives in Health Information Management. (August 2018 - Present).

Member, AHIMA Committee on Excellence in Education - Graduate Resource Alliance. (December 2017 - Present).

Member, American Health Information Management Foundation Research Network. (July 2017 - Present).

Member, American Health Information Management, Faculty Development Workgroup Member. (2013 - 2015).

Committee Member, American Health Information Management Association Assembly on Education, Educational Strategy Committee Focus Group. (April 2011).

D. Organization Memberships:

Association for Information Systems (AIS). (January 2018 - Present).

International Information Systems Security Certification Consortium (ISC2). (November 2017 - Present).

Texas Society for Allied Health Professionals (TSAHP). (2011 - Present).

Health Information Management Systems Society (HIMSS). (July 2009 - Present).

American Health Information Management Association (AHIMA). (2009 - Present).

Texas Health Information Management Association (TxHIMA). (2009 - Present).

AHIMA Foundation Research Network (AFRN). (September 2017 - 2019).

Austin Women in Technology (AWIT). (January 2017 - 2019).