

Gabriela Mustata Wilson, PhD, FHIMSS, FIAHSI, SNAI

University of Louisiana at Lafayette, Lafayette, Louisiana

Director, Louisiana Center for Health Innovation

Professor, Dr. J. Robert Rivet Endowed Chair &

Acadian Ambulance Service/BORSF Eminent Scholar Endowed Chair in Health Informatics

College of Nursing & Health Sciences

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I. EDUCATION

2003 Ph.D., University of Houston, Houston, TX

Computational Biochemistry

1997 M.Sc., Free University of Brussels, Brussels, Belgium

Molecular Biology and Biotechnology

1992 Chemical Engineer, Polytechnic University, Iasi, Romania

Macromolecular Compounds

II. PROFESSIONAL EMPLOYMENT

A. Academic Appointments

2024-present Professor, Dr. J. Robert Rivet Endowed Chair & Acadian Ambulance Service/BORSF Eminent Scholar Endowed Chair in Health Informatics, College of Nursing and Health Services, University of Louisiana at Lafayette, Lafayette, LA

2020-2024 Tenured Professor, Kinesiology, College of Nursing and Health Innovation, and Affiliate Professor, Bioengineering, College of Engineering, The University of Texas at Arlington, Arlington, TX

2016-2020 Tenured Associate Professor of Health Informatics, Department of Health Services and Health Administration, College of Nursing and Health Professions, University of Southern Indiana, Evansville, IN

2011-2016 Assistant Professor of Health Informatics, Department of Health Services and Health Administration, College of Nursing and Health Professions, University of Southern Indiana, Evansville, IN

2010 Adjunct Faculty, Department of Biomedical Engineering, Carnegie Mellon University, Pittsburgh, PA

B. Research Appointments (Academia and Industry)

2007-2011 Pharmacoinformatics Specialist, Department of Computational and Systems Biology, University of Pittsburgh, Pittsburgh, PA

2006-2007 Computational Biologist, Carnegie Mellon University, Pittsburgh, PA

2003-2005 Computational Scientist I, Emisphere Technologies, Inc., Tarrytown, NY

2005-2006 Computational Scientist II, Emisphere Technologies, Inc., Tarrytown, NY

C. Leadership Positions

2024-present Director, Louisiana Center for Health Innovation, University of Louisiana at Lafayette, Lafayette, LA

2020-2024 Co-Director, Multi-Interprofessional Center for Health Informatics (MICHI), The University of Texas at Arlington, Arlington, TX

2020-present Director, Health and Public Health Informatics MICHI Division, The University of Texas at Arlington, Arlington, TX

- 2017-2020 Chair, Health Informatics and Information Management Program, College of Nursing and Health Professions, University of Southern Indiana, Evansville, IN
- 2009-2011 Director, Informatics and Computational Chemistry Core, Chemical Diversity Center University of Pittsburgh, Chemical Biology Consortium, National Cancer Institute (NCI), School of Medicine, University of Pittsburgh, Pittsburgh, PA
- 2009-2011 Co-director, Chemical Diversity Center University of Pittsburgh, Chemical Biology Consortium, National Cancer Institute (NCI), School of Medicine, University of Pittsburgh, Pittsburgh, PA

III. LICENSURE AND CERTIFICATION

- 2025 Higher Education Resource Services (HERS) Leadership Institute Certificate, issued by HERS
- 2022 Principles of Institutional Transformation Badge developed by the Association of Public and Land-grant Universities and Coalition of Urban Serving Universities; Issued by Florida International University (FIU) Continuing, Professional, and Executive Education
- 2021 Train-the-Trainer Interprofessional Team Development (T3-ITDP) Certificate issued by The University of Texas at Austin and the National Center for Interprofessional Practice and Education
- 2017 Certificate of completion of the Health Informatics Curriculum and Training for Transformation issued by the Office of the National Coordinator Workforce Development Program
- 2017 Design Thinking for Innovation Certificate, an online non-credit course authorized by the University of Virginia and offered through Coursera
- 2015 Certificate in Healthcare Analytics (150 hours of coursework), UC Davis Extension, Davis, CA

IV. HONORS AND AWARDS

A. External honors and awards

- 2023 2023 HIMSS (Healthcare Information and Management Systems Society) Changemaker in Health Award - Most Influential Women in Health IT Category. These awards celebrate individuals who harness the power of information and technology to transform health and healthcare, are unique among power lists and award programs, and are inclusive of all women of influence, regardless of their position in the health information and technology field.
- 2022 Member of the American Romanian Academy of Arts and Science (ARA). ARA was founded in 1975 in the USA, and includes members from multiple countries who have made advancements in medicine, engineering, life sciences, law, politics, theology, literature, history, etc.
- 2022 Research Podium Award Winner with a presentation at the Summer Institute in Nursing Informatics (SINI) 2022, Presenter: Gabriela Mustata Wilson; Topic: Expanding the Boundaries of Health Intelligence Using Health Informatics, hosted by the University of Maryland, July 14-15, 2022.
- 2022 Fellow Member of the International Academy of Health Sciences Informatics (FIAHSI) in recognition of international leadership in biomedical and health informatics, promoting the dissemination of knowledge and best practices, fostering new ideas, and encouraging worldwide collaboration and sharing of expertise and resources.
- 2022 Phenomenal Women Special Award, Danubius International University, Galati, Romania, in recognition of outstanding achievements and service to the community, the nation, and the world.
- 2021 Inaugural Racial Justice and Equity Award Winner offered by the Coalition of Urban Serving Universities (USU) (July 2021) (<https://www.uta.edu/news/news-releases/2021/07/15/usu-racial-justice-equity-award>)
- 2020 Senior Member of the National Academy of Inventors given in recognition of success in patents, licensing, and commercialization and for producing technologies that have brought, or aspire to bring, real impact on the welfare

of society.

- 2017 Fellow Member of the Healthcare Information and Management Systems Society (FHIMSS), in recognition of service, professional participation, job experience, publications, and presentations.
- 2015 Senior Member of the Healthcare Information and Management Systems Society (SHIMSS), in recognition of service, professional participation, job experience, publications, and presentations.
- 2009 Certificate in Scientific Management and Leadership offered by the Office of Academic Career Development, Health Sciences, University of Pittsburgh, Pittsburgh, PA
- 2006 2006 American Chemical Society Recognition Certificate in Advances in Protein Drugs and Gene Delivery, Polymeric Materials: Science and Engineering Division, San Francisco, CA
- 2005 Research Excellence Award, Emisphere Technologies, Tarrytown NY
- 2003 1st prize at the 4th US Catalyst User Group Meeting, Johnson & Johnson Pharmaceutical Research and Development, Spring House, PA
- 2002 Texas Public Educational Grant, University of Houston, TX
- 1997-1999 Reyers Foundation Fellowship, Free University of Brussels, Brussels, Belgium

B. University Honors and Awards

- 2019 Phenomenal Women Award – awarded to women who have made contributions to diversity in the USI and the Evansville communities
- 2018 Outstanding Academic Advisor Award, University of Southern Indiana
- 2016 Eagle Innovation App Competition (APPCOM) recipient, Outreach and Engagement, University of Southern Indiana
- 2016 Eagle Innovation Accelerator recipient, Outreach and Engagement, University of Southern Indiana
- 2013 Certificate of Excellence in Recognition of Commitment to Interprofessional Education During the 2012-2013 Academic Year, College of Nursing and Health Professions, University of Southern Indiana
- 2013 Certificate of Participation – Community of Faculty Scholars Writing Project (Mentor), College of Nursing and Health Professions, University of Southern Indiana

V. ADMINISTRATIVE ACTIVITIES

- As the director of the Louisiana Center for Health Innovation (LCHI), I am responsible for establishing the LCHI's strategic vision and planning. Main responsibilities include:
 - Develop and implement a strategic vision for the center, aligning it with the university's goals and health innovation landscape while establishing and fostering collaborative relationships across colleges and various university departments, integrating health informatics into their curricula and research.
 - Oversee budgeting, funding, staffing, and resource allocation for the center, ensuring optimal use and growth of resources, establishing policies governing the center's operations, and ensuring adherence to university regulations and standards in research and education.
 - Engage with university leadership, external healthcare entities, community partners, and industry partners to promote the center's initiatives and secure partnerships.
 - Identify, apply for, and manage research and educational grants, ensuring sustainable funding for the center's research and educational initiatives.
 - Publish research findings in leading academic journals and present at national and international conferences.
 - Establish and maintain partnerships with healthcare organizations and industry players for research collaboration and student placement opportunities, while actively engaging in public outreach and advocacy by representing the university and the center in public forums, advocating for the importance and advancement of health informatics, public health informatics, and biomedical informatics.

- Regularly evaluate the effectiveness of the center's programs and initiatives, capturing the results in annual reports and presentations for internal and external stakeholders.
- As the founding co-director of the Multi-Interprofessional Center for Health Informatics at The University of Texas at Arlington (UTA) and Director of the Health Informatics and Public Health Informatics Division, I was instrumental in putting together the center's strategy to create a synergistic environment to dramatically accelerate multidisciplinary and interprofessional education, research, and practice in health informatics. As a result of these synergies, MICHI and its partners have substantially contributed to socio-economic growth locally, nationally, and globally. In the four years since its launch, MICHI has submitted thirty-six grant applications to various agencies, totaling more than \$33,000,000, and successfully secured \$13,650,000. My main responsibilities consisted in:
 - Provided leadership in health informatics, biomedical informatics, public health informatics, biotechnology and biomanufacturing research and workforce development activities at the Center and the University levels
 - Built collaborative internal and external partnerships with academic and research programs/units to advance the goals of the Center and the educational mission of the University
 - Developed initiatives to promote the Center's contribution to the University's innovation portfolio
 - Established opportunities for interprofessional and multidisciplinary collaborations for students and junior faculty
 - Secured funding and oversee the Center's financials
 - Recruited faculty members and affiliate members (successfully recruited two tenure-track assistant professors in Computer Science and Public Health Informatics and 16 affiliate members)
 - Recruited members of MICHI's External Advisory Board
 - Led the development of three certificate programs:
 - ❖ Telehealth and Health Informatics (undergraduate level)
 - ❖ Healthcare Informatics (graduate level)
 - ❖ Health Intelligence and Public Health Informatics (graduate level)
 - Supervised administrative assistants, graduate research assistants
- Founding Chair of the Bachelor of Science in Health Informatics and Information Management (HIIM) Program in the College of Nursing and Health Professions, University of Southern Indiana (USI)
 - Developed all the courses in the Health Informatics and Information Management Program at USI (i.e., eight new discipline-specific courses) (2017-2018)
 - Developed curriculum for internships designed explicitly for the HIIM major that track competencies in health informatics and information management at USI
 - Actively involved in recruiting and disseminating HIIM activities in the community
 - Supervised administrative assistant
 - Recruited adjunct faculty
 - Recruited ten high-caliber individuals to serve on the HIIM Advisory Board
 - Oversaw the program's budget and secured technology and supplies that enhance teaching and learning in the HIIM program
 - Responsible for institutional program review
 - Responsible for program accreditation and academic partnerships with certificate-granting organizations

VI. TEACHING ACTIVITIES

A. Courses Taught

International

- **Guest Lecturer**, University of Osnabrueck, Hochschule, Germany. Topic: *Germany and USA: Comparative Healthcare Systems – What can we learn from each other?* Graduate and Undergraduate level students (November 2-7, 2014 and October 22-30, 2016) (10 US students and 20 German students)

- **Guest Lecturer** in the International Summer University 2013, University of Osnabrueck, Hochschule, **Germany**– International Public Health, Undergraduate level students (July 2013) (Ten US Students and ten international students)

College of Nursing and Health Innovation, The University of Texas at Arlington: Undergraduate Level

- Introduction to Health Informatics (online), NURS-HI3359, 3 units (Fall 2021, 2022, 2023), 30 students

College of Nursing and Health Professions, University of Southern Indiana: Graduate Level

- The Health Services System (online), MHA 621.N01, 3 units (Fall 2014, Fall 2015, Fall 2016), 20-24 students
- Healthcare Enterprise Operations MHA644.N01 (hybrid), 3 units (Fall 2014, Fall 2015), 7-10 students
- Knowledge Management and Data Mining in Health Informatics, MHA647.N01 (online), 3 units (Fall 2014, Fall 2015, Fall 2017), 7-10 students
- Operations and Control Systems Research in Health Care Organizations MHA623.N01 (online), 3 units (Fall 2011, Fall 2012), 20-24 students
- Health Informatics MHA642.001 in the MHA4+1 Program, 3 units (Spring 2016, Spring 2017, Spring 2018, Summer 2018), 7-12 students
- Health Informatics MHA642.N01 (online), 3 units (Fall 2011, Fall 2012, Summer 2013, Summer 2014, Summer 2015, Summer 2016, Summer 2017, Summer 2018), 17-24 students

College of Nursing and Health Professions, University of Southern Indiana: Undergraduate Level

- Health Informatics HI301.001, 3 units, Spring 2018, Fall 2018, Spring 2019, Fall 2019, 20-30 students
- Electronic Health Records and Enterprise Systems HI302.N01, 3 units, Fall 2018, Spring 2019, Fall 2019, 8 students
- Electronic Health Information Exchange and Interoperability HI303.N01, 3 units, Spring 2019, 9 students
- Social Media Monitoring in Healthcare HI304.001 and .N01, 3 units, Fall 2018, Spring 2019, Fall 2019, 6-10 students
- Project Management in Health IT HI401.001 and .N01, 3 units, Spring 2019, 9 students
- Privacy and Security in Health IT HI405.N01, Fall 2019, 10 students
- Internship in Health Informatics and Information Management HP480.003, HP480.004, HI 410.001, HI410.002, 10 students
- Social Media in Healthcare HP490.N02, 3 units, Spring 2015, 25 students
- Pharmacology and Therapeutics HP225.N01, Required course, 3 units, Spring 2012, 75 students
- Health Informatics HA405.N01, 3 units, (Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, 54-45 students
- Public Health Administration PH 486.N01, 3 units, Fall 2013, Spring 2014, 32 students
- Interprofessional Perspectives on Global Health IPH 401.N01, 3 units, 34 students
- Health Informatics HA405.001, 3 units, Fall 2011, Fall 2012, Fall 2013, Fall 2014, Fall 2015, Fall 2016, Fall 2017, 54-30 students
- Special Topics HP490.N02, 3 units, Fall 2011, 25 students

B. Other Teaching Activities and Contributions

Lecturer – ‘Introduction to Health Informatics’ to Bioengineering students, College of Engineering, The University of Texas at Arlington; Undergraduate level students (September 2021, 2022)

Lecturer – ‘Artificial Intelligence and Future Trends in Healthcare’ to Medical students, Texas Christian University (March 2021)

Instructor - Health Informatics Certificate Program (online), College of Nursing and Health Professions, University of Southern Indiana (2014-2018)

Lecturer – ‘Biochemistry and Biotechnology’- and **Career Seminar Speaker** at the Trainning and Experimentation in Computational Biology (TECBio) REU Summer Program, University of Pittsburgh; Undergraduate level students (2010)

Co-Instructor - 'Introduction to Biomedical Engineering', BME 42-101, Required course, 12 units, Carnegie Mellon University, Spring Semester 2010; Undergraduate level students

Lecturer - '*in silico* Tools for Drug Discovery' Department of Computer Science, University of Pittsburgh, February 2009; Graduate and Undergraduate level students

Lecturer – 'Introduction to Drug Design'- and **Career Seminar Speaker** at the **Bioinformatics and Bioengineering Summer Institute (BBSI)** Summer Program, University of Pittsburgh; Undergraduate and Graduate level students (2008-2009)

Lecturer - 'Computational Chemistry in Modern Drug Discovery Research' - Drug Discovery Institute, University of Pittsburgh, October 2008; Graduate level students

Lecturer - 'How Computers and Technology are Changing the Pharma/Biotech Industry' – Tepper School of Business, Carnegie Mellon University, Pittsburgh, April 2007; MBA students

VII. SCHOLARSHIP, RESEARCH, AND CREATIVE ACTIVITIES (Partial List)

A. Publications – Peer-reviewed or Refereed

(*Indicates Corresponding Author; **Indicates Author with Equal Contribution; IF = Impact Factor)

1. M.J. Ball, **G. Mustata Wilson**, W.M. Tierney, J. Weidanz, D. Hernandez, G.R. Kim, J.V. Douglas. A perspective on integration and outreach: Guiding concepts in the evolution of health informatics. *Int J Med Inform.* 2024 Dec;192:105638. doi: 10.1016/j.ijmedinf.2024.105638. Epub 2024 Oct 2. PMID: 39393124.
2. A. Aleksandric, S. Saha Roy, H. Pankaj, **G. Mustata Wilson**, S. Nilizadeh. The 18th International AAAI Conference on Web and Social Media (ICWSM '24) 2024; Users' Behavioral and Emotional Response to Toxicity in Twitter Conversations (Selected as a Spotlight talk); Conference paper
3. A. Aleksandric, H.I. Anderson, A. Dangal, **G. Mustata Wilson**, S. Nilizadeh. The 18th International AAAI Conference on Web and Social Media (ICWSM '24) 2024; Analyzing the Stance of Facebook Posts on Abortion Considering State-level Health and Social Compositions (Selected as a Spotlight talk); Conference paper
1. A. Aleksandric, H. Pankaj, G. Mustata Wilson, S. Nilizadeh. Sadness, Anger, or Anxiety: Twitter Users' Emotional Responses to Toxicity in Public Conversations. <https://arxiv.org/pdf/2310.11436v1.pdf>
2. A. Aleksandric, A. Dangal, S. Nilizadeh, **G. Mustata Wilson**. Facebook Post Credibility as a Predictor of Vaccine Hesitancy in the US. *Stud Health Technol Inform.* 2024 Jan 25;310:981-985. doi: 10.3233/SHTI231111. PMID: 38269955.
3. S.H. Fenton, **G. Mustata Wilson**. Building a More Diverse Public Health Informatics Workforce: Preliminary Results. *Stud Health Technol Inform.* 2024 Jan 25;310:1231-1235. doi: 10.3233/SHTI231161. PMID: 38270011.
4. A. Aleksandric, H.I. Anderson, A. Dangal, S. Nilizadeh, **G. Mustata Wilson**, Analyzing the Stance of Facebook Posts on Abortion Considering State-level Health and Social Compositions, <https://arxiv.org/pdf/2305.09889.pdf>
5. N. Cevallos, W.A. Ramadhani, J. Lindgren, B. Bell, M. Martinez-Cosio, T.E. Harvey, U. Nanda, & **G. Mustata Wilson**. (2023). (St)aging in place: Information and communication technologies for a health-centered agile dwelling unit. *Frontiers in public health*, 11, 1057689. <https://doi.org/10.3389/fpubh.2023.1057689> **IF: 6.46**
6. A. Aleksandric, H.I. Anderson, S. Melcher, S. Nilizadeh, **G. Mustata Wilson***, Spanish Facebook Posts as an Indicator of COVID-19 Vaccine Hesitancy in Texas; *Vaccines: New Insight in Vaccination and Public Health*" (2022), 10: 1713. <https://doi.org/10.3390/vaccines10101713>; **IF: 4.96**
7. A. Aleksandric, S.R. Freeman, T. Shaw Morawski, **G. Mustata Wilson**, M. Gaspar, Social Media Mis-and Dis-Information: A Barrier to Public Health Intervention Delivery and Acceptance, HIMSS TIGER Initiative Publication (2022). <https://www.himss.org/resources/social-media-mis-and-dis-information>
8. A. Aleksandric, N. Obassanya, S., Melcher, S., Nilizadeh, **G. Mustata Wilson***, Your TWEETS matter: How Social Media Sentiments Associate with COVID-19 Vaccination Rates in the US, *Online Journal of Public Health Informatics* (2022), 14(1).
9. **G. Mustata Wilson***, R. Winset**, B. Gandhi, T. Patton, J. Ru, D. Silberberg, A comparative study of transparent dressing versus an engineered stabilization device for peripheral intravenous catheter stabilization, *The Journal of Vascular Access* (2022). **IF: 2.326**
10. U. Hübner, K. Saranto, P. Vieira-Marques, U.M. Kinnunen, N. Egbert, B. Babitsch, D. Kalthoff, A. Cardoso, P. Sousa, J. Hüsters, M. Padilha, P. Mannavaara, T. Jokinen, H. Mansholt, R. Correia, T Shaw Morawski, **GM Wilson**, MJ Ball.

The eHealth4all@eu Pipeline of Course Development: TIGER Recommendations in Action. *Stud Health Technol Inform.* (2022) June 6;290:1126-1127. doi: 10.3233/SHTI220300. PMID: 35673238.

11. **G. Mustata Wilson***, M. J. Ball, P. Szczesny, S. Haymann, M. Polyak, J. Silva, Health Intelligence Atlas: A Core Tool for Public Health Intelligence, *Journal of Applied Clinical Informatics* (2021), 12:944-953. **IF: 2.15**
12. E. Reynolds and **G. Mustata Wilson**, The Power of Interprofessional Education to Enhance Competency-based Learning in Health Informatics and Population Health Students, *The Journal of Health Administration Education* (2018), 35(3):377-387.
13. J. Zhao, C. Doebelin, W. Nguyen, C. Wallace, D. P. Reay, S. McGowan, L. Corbo, P. R. Clemens, **G. Mustata Wilson**, S. C. Watkins, L. A. Solt, M. D. Cameron, L. J. Niedernhofer, T. M. Kamenecka, P. D. Robbins, Development of Novel NEMO-Binding Domain mimetics for inhibiting IKK/NF- κ B activation, *PLOS Biology* (2018) Jun 11, 16(6) **IF: 9.7**
14. M. Ehlman, J. Green, **G. Mustata Wilson**, J. McCullough. Click and Care: Academic Integration of a Nursing Home Electronic Health Records System, *The Journal of Health Administration Education* (2017), Fall 2017, 602-610.
15. **G. Mustata Wilson***, K. Valadares, E. Hurless, C. Logan, R. Mitrisin, C. Sechrest, J. Braun, J. Ernest, More than a Capstone Project: A Faculty-Student-Clinician Interaction to Assess the Impact of a New Electronic Health Record Implementation, *The Journal of Health Administration Education* (2016), Summer 2016, 33(3):427-444.
16. P. A. Johnston, M. M. Nguyen, J. Dar, J. Ai, Y. Wang, K. Z. Masoodi, T. Shun, S. Shinde, D. Camarco, Y. Hua, D. M. Huryn, **G. Mustata Wilson**, J. S. Lazo, J. B. Nelson, P. Wipf, Z. Wang Development and Implementation of a High-Throughput High-Content Screening Assay to Identify Inhibitors of Androgen Receptor Nuclear Localization in Castration-Resistant Prostate Cancer Cells, *Assay and Drug Development Technologies* (2016), May 14(4):226-39. **IF: 1.36**
17. P. A. Johnston, M. Sen, Y. Hua, D. Camarco, T. Y. Shun, J. S. Lazo, **G. Mustata Wilson**, L. O. Resnick, M. G. LaPorte, P. Wipf, D. M. Huryn and J. R. Grandis, HCS Campaign to Identify Selective Inhibitors of IL-6-induced STAT3 Pathway Activation in Head and Neck Cancer Cell Lines, *Assays and Drug Development Technologies* (2015), 13(7); 356-76. **IF: 1.53**
18. J. L. Titzer, **G. Mustata Wilson** and C. F. Swenty, Interprofessional Education: Lessons Learned from Conducting an Electronic Health Record Assignment, *Journal of Interprofessional Care* (2015), May 8: 1-5, **IF: 1.36**
19. G. Schaar and **G. Mustata Wilson***, Evaluating Senior Baccalaureate Nursing Students' Documentation Accuracy through an Interprofessional Activity, *Nurse Educator* (2015), 40(1); 7-9. **IF: 0.667**
20. E. Delgado, J. Yang, J. So, S. Leimgruber, M. Kahn, D. Shin, T. Ishitani, **G. Mustata Wilson***, S. P. Monga, Identification and characterization of a novel small molecule inhibitor of beta-catenin signaling in hepatocellular cancer cells, *American Journal of Pathology* (2014), 184(7); 2111-2122. **IF: 4.52**
21. C. L. Dominguez, D. H. Floyd, A. Xiao, Garrett G. R. Mullins, B. A. Kefas, W. Xin, M. N. Yacur, R. Abounader, J. K. Lee, **G. Mustata Wilson**, T. E. Harris, B. W. Purow, Diacylglycerol kinase alpha is a critical signaling node and novel therapeutic target in glioblastoma and other cancers, *Cancer Discovery* (2013), 3, 782-797. **IF: 10.14**
22. E. Broughton, H. Lashlee, C. Marcum, and **G. Mustata Wilson***, Health Information Technology: A New World of Nursing Homes, *Gerontology & Geriatric Research* (2013), 2(2), 1-6. **IF: 1.72**
23. L.-W. Yang, S. Matysiak, S.-T. D. Hsu, **G. Mustata Wilson**, Y. Joti, Functional dynamics of proteins, *Computational and Mathematical Methods in Medicine* (2012), ID 242903. **IF: 0.791**
24. Y. Muftuoglu, S. S. Leimgruber, E. R. Sharlow, H. Codore, M. Tsang, **G. Mustata Wilson***, An Integrated Strategy to Identify New Aromatase Inhibitors, *Journal of Current Topics in Pharmacology* (2012), Vol. 16, 15-24. **IF: 2.175**
25. M. Liang, T. B. Tarr, K. Bravo-Altamirano, G. Valdomir, G. Rensch, L. Swanson, N. R. DeStefino, C. M. Mazzarisi, R. A. Olszewski, **G. Mustata Wilson**, S. D. Meriney, P. Wipf, Synthesis and Biological Evaluation of a New Calcium Channel Agonist, *Medicinal Chemistry Letters* (2012), 3(12), 985-990. **IF: 5.25**
26. E. Kamau, T. Meehan, **G. Mustata Wilson***, J. Boyle, Identification of novel benzodioxole-containing inhibitors of *Toxoplasma gondii* growth, *Antimicrobial Agents and Chemotherapy* (2011), 55(12), 5438-5451. **IF: 4.57**
27. E. R. Sharlow, **G. Mustata Wilson**, D. Close, S. Leimgruber, M. Tandon, R. B. Reed, T. Y. Shun, Q. J. Wang, P. Wipf, J. S. Lazo, Discovery of Diverse Small Molecule Chemotypes with Cell-Based PKD1 Inhibitory Activity, *PloS One* (2011), 6(10), 1-9. **IF: 4.09**
28. Y. Muftuoglu, **G. Mustata***, Aromatase Inhibitors and Antiepileptic Drugs: A Computational Systems Biology

- Analysis, *Reproductive Biology and Endocrinology* (2011), **9**(1), 1-9. **IF: 2.05**
29. G. Mustata, The Protein-Protein Interactions as a Target, *Medicinal Chemistry and Drug Discovery*, (2011), **11**(3):247-247. **IF: 4.17**
 30. G. Mustata, M. Li, N. Zevola, A. Bakan, L. Zhang, M. Epperly, J. S. Greenberger, J. Yu, I. Bahar, Development of small-molecule PUMA inhibitors for mitigating radiation-induced cell death, *Current Topics in Medicinal Chemistry* (2011) **11**(3), 281-290. **IF: 4.47**
 31. L. Meireles, G. Mustata*, Discovery of modulators of protein-protein interactions: current approaches and limitations, *Current Topics in Medicinal Chemistry* (2011) **11**(3), 248-257. **IF: 4.47**
 32. Gabriela Mustata Wilson (Guest Editor), The Protein-Protein Interactions as a Target in Medicinal Chemistry and Drug Discovery, *Current Topics in Medicinal Chemistry* (2011) **11**(3), 247-247. **IF: 4.47**
 33. Y. Muftuoglu, G. Mustata*, Pharmacophore Modeling Strategies for the Development of Novel Nonsteroidal Inhibitors of Human Aromatase (CYP19), *Bioorganic and Medicinal Chemistry Letters* (2010) **20**, 3050-3064. **IF: 2.531**
 34. E. R. Sharlow, T. A. Lyda, H. C. Dodson, G. Mustata, G., M. T. Morris, S. Leimgruber, D. Close, J. S. Lazo, J. C. Morris, A target-based high throughput screen yields Trypanosoma brucei hexokinase small molecule inhibitors with antiparasitic activity, *PLoS Neglected Tropical Diseases* (2010) **4**, e659. **IF: 4.69**
 35. E. R. Sharlow, D. Close, T. Shun, S. Leimgruber, R. Reed, G. Mustata, P. Wipf, J. Johnson, M. O'Neil, M. Grögl, A. Magill and J. S. Lazo, Identification of Potent Chemotypes Targeting Leishmania major Using a High-throughput, Low-stringency, Computationally-enhanced, Small Molecule Screen, *PLoS Neglected Tropical Diseases* (2009), **3**, 1-11. **IF: 4.69**
 36. G. Mustata*, A. Follis, D. Hammoudeh, S. J. Metallo, H. Wang, E. V. Prochownik, J. S. Lazo, I. Bahar I., Discovery of novel Myc-Max heterodimer disruptors with a 3-dimensional pharmacophore model, *J Med Chem* (2009), **52**, 1247-1250. **IF: 5.61**
 37. G. Mustata* and S. Dinh, Approaches to Oral Drug Delivery for Challenging Molecules, *Critical Reviews in Therapeutic Drug Carrier Systems* (2006), **23**, 111-135. **IF: 2.61**
 38. Brigo, G. I. Mustata, J. M. Briggs, S. Moro, Discovery of HIV-1 Integrase Inhibitors through a Novel Combination of Ligand and Structure-based Drug Design, A. Brigo, G. I. Mustata, J. M. Briggs, S. Moro, *European Journal of Medicinal Chemistry*. (2005), **1**, 263-275. **IF: 1.50**
 39. Brigo, K. W. Lee, F. Fogolari, G. Iurcu Mustata, J. M. Briggs, Comparative Molecular Dynamics Simulations on HIV-1 Integrase Wild-Type and T66I/M154I: Binding Modes and Drug Resistance of a Diketo Acid Inhibitor, *Journal of Molecular Biology* (2005), **88**, 3072-3082. **IF: 3.39**
 40. Brigo, K. W. Lee, G. Mustata, J. M. Briggs, Comparison of Multiple Molecular Dynamics Trajectories Calculated on the Drug-Resistant HIV-1 Integrase T66I/M156I Catalytic Core Domain, *Proteins: Structure, Function and Genetics* (2005), **59**, 723-741. **IF: 3.39**
 41. G. Mustata and S. M. Dinh, Drug Delivery Global Summit-Evaluating Emerging Technologies, *Expert Opinion on Drug Delivery* (2005), **2**, 185-187. **IF: 4.90**
 42. G. Mustata, Patentability Issues of 3D Protein Structures, *Drug Discovery Today* (2004), **9**, 582-583. **IF: 6.828**
 43. G. Mustata and J. M. Briggs, Cluster Analysis of Water Molecules in Alanine Racemase and their Putative Structural Role, *Protein Engineering, Design and Selection* (2004), **17**, 223-234. **IF: 2.94**
 44. G. I. Mustata, A. Brigo, J. M. Briggs, HIV-1 Integrase Pharmacophore Model Derived from Diverse Classes of Inhibitors, *Bioorganic and Medicinal Chemistry Letters* (2004), **14**, 1447-1454. **IF: 2.55**
 45. G. I. Mustata, T. A. Soares, J. M. Briggs, Molecular Dynamics Studies of Alanine Racemase: A Structural Model for Drug Design, *Biopolymers* (2003), **70**, 186-200. **IF: 2.87**
 46. G. I. Mustata and J. M. Briggs, A Structure-Based Design Approach for the Identification of Novel Inhibitors: Application to an Alanine Racemase, *Journal of Computer Aided-Molecular Design* (2002), **16**, 935-953. **IF: 3.39**
 47. R. Crossnoe, J. P. Germanas, P. LeMagueres, G. Mustata, K. L. Krause, The Crystal Structure of *Trichomonas vaginalis* Ferredoxin Provides Insight into Metronidazole Activation, *Journal of Molecular Biology*. (2002), **318**, 503-518. **IF: 4.00**
 48. G. Iurcu-Mustata, D. Van Belle, R. Wintjens, M. Prévost, M. Rooman, Structural Role of Salt Bridges in the

Homeodomain Proteins, *Biopolymers* (2001), **59**, 145-159. **IF: 2.87**

49. Van Belle, L. De Mario, **G. Iurcu**, S. J. Wodak, Pathways of Ligand Clearance in Acetylcholinesterase by Multiple Copy Sampling, *Journal of Molecular Biology*. (2000), **298**, 705-726. **IF: 4.00**

B. Book Chapters

G. Mustata Wilson and Y. Muftuoglu, Computational Strategies in Cancer Drug Discovery in *Advances in Cancer Management*, ISBN 978-953-307-870-0, Edited by Ravinder Mohan, Publisher: InTech, January 2012

C. Books

5th Edition of the *Nursing Informatics - A Global and Interprofessional Health Informatics Perspective* (2022), Springer.

Editors:

Ursula Hübner, PhD, FIAHSI, Osnabrück, University AS, Germany

Gabriela Mustata Wilson, PhD, MSc, FHIMSS, The University of Texas at Arlington, TX, USA

Toria Shaw-Morawski, MSW, HIMSS, Chicago, IL, USA

Marion J. Ball Ed.D, FAAN, FACMI, FCHIME, FHIMSS, FMLA, FAHIMA, FIAHSI, The University of Texas at Arlington, TX, USA

D. Book Chapters

1. T. Shaw, U. Hübner, **G. Mustata Wilson**, M. J. Ball. Outlook and Future: Health Informatics Career. *A Global and Interprofessional Health Informatics Perspective* (5th ed.).
2. **G. Mustata Wilson**, R. Metzger. Learning Interprofessionally from a Real-Life Simulation in a Smart Home. *Healthcare Information Management Systems: Cases, Strategies, and Solutions* (5th ed.).
3. J.S. Silva, M. J. Ball, M. Polyak, **G. Wilson**. The Future of Health Systems: Health Intelligence. *Healthcare Information Management Systems: Cases, Strategies, and Solutions*. (5th ed.).
4. U. Hübner, **G. Wilson**, T. Shaw-Morawski, M.J. Ball Why Nursing and Health Informatics: Towards a 360° Stakeholder View. *Nursing Informatics - A Global and Interprofessional Health Informatics Perspective*. (5th ed.).
5. **G. Mustata Wilson**, M. Obassanya. Principles of Health Informatics. *Nursing Informatics - A Global and Interprofessional Health Informatics Perspective*. (5th ed.).
6. **G. Mustata Wilson**, P. Hinton Walker, M.J. Ball. Emerging Need for a New Vision of Multi-Interprofessional Training in Health Informatics. *Healthcare Information Management Systems: Cases, Strategies, and Solutions*. (5th ed.).

F. Patents, Disclosures and Technology Transfer

1. P. Robbins, L. Niedernhofer, T. Kamenecka and **G. Mustata Wilson**, Small Molecule Analogs of the NEMO Binding Peptide, Publication No. WO2016 / 196117, Patent No. US010758522B2, Publication Date: September 1, 2020 (*patent issued as a result of my work in academia*)
2. **G. Mustata**, Dahua Pan and David Gschneidner, Phenoxy Alkyl Diethanolamine and Diisopropanolamine Compounds for Delivering Active Agents, Publication No. WO2014/031874, Patent No. US 9458089B2, Publication Date: October 4, 2016 (*patent issued as a result of my work in industry*)
3. T. Pingwah, S. Dinh, L. Jongbin, L. Puchun, **G. Mustata**, Cyclopropyl Compounds and Compositions for Delivering Active Agents, Publication No. WO2007022532, Publication Date: February 22, 2007. IPC8 Class: AC07C6104FI USPC Class: 424 852, Patent No. 8541362 (*patent issued as a result of my work in industry*)
4. S. P. S. Monga and **G. Mustata Wilson**, Novel small molecule inhibitor-1 of beta-catenin signaling and activity, Application No. 61/622,983, Filing Date: April 11, 2012 (*provisional patent as a result of my work in academia, full patent not pursued*)

G. Scholarly Presentations in Conferences, Symposia, Colloquia, and Seminars

SELECT CONFERENCE PRESENTATIONS (2003-PRESENT)

INTERNATIONAL

- Speaker at the 45th Congress of the American Romanian Academy of Arts and Sciences; Topic: Spatial Determinants of Health: Opioid Overdose and Mental Health Outcomes in Harris County, Texas; Bucharest, Romania, June 3-5, 2024.
- Invited speaker at the Romanian Academy of Medical Sciences, November 10, 2023; Topic: Artificial Intelligence in Healthcare: What's Next?; virtual
- Panelist at the Healthcare Information and Management Systems Society (HIMSS) 2023 Global Conference; Topic: It Takes a Village: Strategies for Successful Collaboration; Chicago, IL, April 17-21, 2023.
- Panel moderator at the Healthcare Information and Management Systems Society (HIMSS) 2023 Global Conference; Topic: It Takes Two to Tango: Mentor-Mentee Relationships; Chicago, IL, April 17-21, 2023.
- Panelist at the Healthcare Information and Management Systems Society (HIMSS) 2023 Global Conference; Topic: Women in Health IT Roundtable; Chicago, IL, April 17-21, 2023.
- Panel moderator at the Global Health Equity Symposium, Healthcare Information and Management Systems Society (HIMSS) 2022 Global Conference; Topic: Bridging the Health Literacy and Digital Divide to Improve Health Outcomes; Orlando, FL, March 14-18, 2022.
- Panelist at the Healthcare Information and Management Systems Society (HIMSS) 2022 Global Conference; Topic: Real-world Solutions to Strengthening the Digital Health Workforce; Orlando, FL, March 14-18, 2022.
- Presentation at the International Conference: Two Democratic Societies in Transition: Exploring the Dynamics of a Post-Covid World, Topic: The Silent Killer: How the Epidemic of Misinformation and Low Health Literacy Affected the Response to COVID-19; Danubius University, Galati, Romania – September 13, 2021.

NATIONAL

- Panelist at the inSTEM Summit of the Science and Technology Medals Foundation; Topic: Advancing Women in STEM; June 27-29, Washington DC.
- Webinar presenter at the 2024 COVID Information Commons organized by Columbia University, New York, December 9, 2024; Topic: Addressing COVID-19 Health Disparities Among Populations at High-Risk and Underserved in Tarrant County, TX
- Panelist at the American Medical Informatics Association (AMIA) Annual Conference, November 11-15, New Orleans, LA; Topic: First Look: The Role of Internships, sponsored by the Women in AMIA Steering Committee
- Presentation at The University of Pittsburgh, Department of Health Information Management, School of Health and Rehabilitation Sciences, Health Informatics Grand Rounds, February 17, 2023; Topic: Transforming Healthcare Through Multi-Interprofessional Health Informatics.
- Presentation at the Summer Institute in Nursing Informatics (SINI) 2022; Topic: Expanding the Boundaries of Health Intelligence Using Health Informatics, hosted by the University of Maryland, July 14-15, 2022.
- Presentation at John Hopkins Leading Change Series. Presenters: **G. Mustata Wilson** and M. Ball; Topic: Leading Change through Health Informatics, December 2021
- Presentation via HIMSS Accelerate, Topic: Key Trends Shaping Healthcare, May 14, 2021.
- Presentation at the Virtual NEXUS Summit 2020, hosted by the National Center for Interprofessional Practice and Education, August 13, 2020. Presenters: Ruth Metzger and **Gabriela Mustata Wilson**; Topic: Interprofessional Smart Home Simulation.

REGIONAL OR STATE

- Invited panelist (Workforce Panel) at the 2023 DFW Life Sciences Luncheon, November 23, 2023, Pegasus Park Tower, Dallas, TX
- Invited panelist (AI in Pharma Industry) at the BioNTX 2023 iC³ Life Sciences & Healthcare Innovation

Summit, September 28, 2023, Irving, TX.

- Invited presentation at the University of Houston, Houston, TX; Presenter: G. Mustata Wilson; Title: Now is the Time: The Need for Interprofessional Training in Health Informatics; September 2022
- Invited presentation at the University of Texas Health Science Center at Houston, School of Biomedical Informatics, Houston, TX; Presenter: G. Mustata Wilson; Title: Bridging the Gap: Transforming Healthcare through Interprofessional Health Informatics
- Invited presentation to the Texas Christian University Medical Students enrolled in the FUTURE ACCELERATORS OF MEDICINE AND BEYOND (FAB); March 1, 2021. Topic: Artificial Intelligence and Future Trends in Healthcare
- Podium presentation at the Inaugural InfraGard Education Sector meeting, September 20, 2019, in Indianapolis, IN. Presenters: Gabriela Mustata Wilson and Savannah Patterson (student). Topic: Class is in Session: Improving Security Awareness in Education.

SELECT PEER-REVIEWED POSTER PRESENTATIONS (2019- PRESENT)

- Liao, Y., Moza, J., Spadola, C., Brown, K. K., **Wilson, G.** (2023, November). Do you want your smartwatch to tell you what to do? Perspectives from Hispanic women. Talk to be presented at the American Public Health Association Annual Meeting & Expo 2023, Atlanta, GA.
- Poster presentation at the 3rd Texas Health Informatics Alliance Conference, Houston, TX, September 15, 2023. Authors: Affleck, H. A., Moza, J., Brown, K.K., **Wilson, G.**, Liao, Y.; Title: *Examining perspectives of mHealth intervention methods in racially minoritized women.*

H. Blogs and Media Engagement

- Interview with Chilmark Research '[Time to Move Beyond 'Sick Care' to True Health Care](#)' (April 12, 2022)
- [UTA joins Health Informatics Consortium](#) (October 19, 2021)
- Interviews during the international conference "Two Democratic Societies in Transition: Exploring the Dynamics of a Post-Covid World". The event was hosted by the Danubius University of Galati in Romania. While at the conference, I spoke to [several media outlets](#), including [Radio Romania International](#), about misinformation and disinformation related to the pandemic. (September and October, 2021)
 - <https://www.uta.edu/news/uta-in-the-news/2021/10/01/uta-in-the-news-friday-october-01-2021>
- [UTA Partnership to Advance Sustainable Agile Dwelling Units \(ADUS\) and Wellness](#) (August 20, 2021)
- [UTA named inaugural winner of National Racial Justice, Equity Award](#) (July 15, 2021)
- [UTA Joins Texas Health Informatics Alliance as Founding Member](#) (June 28, 2021)
- [UTA aims to become leader in Health Informatics](#) (May 1, 2020)

I. Grants and Contracts

EXTERNAL- FUNDED

National Institutes of Health/ National Library of Medicine (NIH/NLM)	09/15/2022-08/31/2027
GMW Role: PI	
Training and Experiential Learning in Biomedical Informatics (TExBioMed)	\$675,000
1R25LM014215-01	
Workforce development grant to train the workforce in biomedical informatics and data science	
Texas Epidemic Public Health Institute	01/01/2024-12/31/2025
GMW Role: co-I	\$306,716
Mobilizing communities to strengthen resilience using a Community Asset Inventory Dashboard (CAssI Dashboard)	
Lyda Hill Philanthropies	02/01/2023 – 7/31/ 2024
GMW Role: PI	
Market Assessment of a North Texas Biomanufacturing Innovation Hub	\$247,071

<u>United States Economic Development Administration</u>	09/01/2022-08/31/2025
GMW Role: PI	
Grow the Biotech Workforce in North Texas to Meet Emerging Skill Needs via a Collaborative Partnership	\$921,116
	Total Award = \$8,800,000
<u>Texas Higher Education Coordinating Board</u>	(06/02/2022-09/30/2022)
GMW Role: PI	\$250,000
Work-based Learning Opportunity Grants - The University of Texas at Arlington Maverick Talent Pipeline Program	
<u>Texas Higher Education Coordinating Board</u>	(11/29/2021 – 09/30/2022)
GMW Role: co-I	\$264,700
Accelerating Credentials of Purpose and Value Grant Program – The University of Texas at Arlington Health Informatics Training	
<u>Centers for Disease Control and Prevention (Tarrant County Public Health)</u>	Contract for Service (06/15/2021-05/31/2024)
GMW Role: PI	\$500,000
	Total Award = \$16,000,000
National Initiative to Address COVID-19 Health Disparities Among Populations at High-Risk and Underserved, Including Racial and Ethnic Minority Populations and Rural Communities	
<u>U.S. Department of Health and Human Services’ Office of the National Coordinator for Health Information Technology</u>	
Public Health Informatics & Technology Workforce Development Program	Contract for Service (10/01/2021-09/30/2025)
GMW Role: PI, Program Director	\$410,000
	Total Award = \$9,754,247
<u>The Coalition of Urban Serving Universities – Inaugural Racial Justice and Equity Award</u>	09/01/2021 – 08/31/2022
GMW Role: PI	\$20,000
Community Engagement with a COVID-19 Health Literacy Collection and Curriculum	
<u>The Network of the National Library of Medicine South Central Region</u>	
COVID-19 Health Information Outreach Award (PI: Ossom-Williamson)	11/01/2020 – 4/30/2021
GMW: Role: co-PI	\$20,000
The COVID-19 NAVIGATOR Youth Empowerment Pilot Program (EPIGRAM): A Health Literacy Collection and Curriculum for the Coronavirus Pandemic (UTA)	
<u>Science and Technology Acquisition and Retention Award (STARS)</u>	02/2020-08/2022
University of Texas System	\$330,000
GMW Role: PI	
<u>OJJDP FY 2019 Opioid Affected Youth Initiative</u>	2019-2022
GMW Role: co-Investigator (left Evansville before work started)	Contract for Service
Awardee: City of Evansville	
Award #2019-YB-FX-K005	
REACH: Restoring Every Affected Child’s Hope	Total funding: \$1,000,000

UNIVERSITY – FUNDED

The University of Texas at Arlington, Arlington, TX

2022 – Research Enhancement Program (PIs: Yue and Wilson)

\$15,636

UTA (Office of the Vice President for Research)

GMW Role: co-PI

Physical activity, sleep, & social determinants of health in Black& Hispanic women of reproductive age: Implications for future digital health behavioral interventions

VIII. PROFESSIONAL ACTIVITIES

A. Professional Development

- **2021-2022**

- Health Literacy for Public Health Professionals, The Centers for Disease Control and Prevention (CDC) (October 10, 2021). **1 Contact Hour**

- **2020-2021**

- UTMB Virtual Health Network: From Space to the South Pole: The Partnership of Medicine & Technology (March 24, 2021- March 25, 2021). **12 Contact Hours**
- The American Medical Informatics Association (AMIA) 2020 Virtual Symposium (November 14 – 18, 2020). **25 Contact Hours**
- Train-the-Trainer Interprofessional Team Development Program T3-ITDP Workshop, the University of Texas at Austin and the National Center for Interprofessional Practice and Education (January 11, 2021 – January 14, 2021). **23 Contact Hours**

B. Professional Service

- **Editorial Board Member:**

- Topic Co-Editor; Journal: Frontiers in Environmental Science, section Environmental Economics and Management; Research Topic: Environmental degradation, health, and socioeconomic impacts (2024-2025)
- BioMed Research International (2011- present)
- Computational and Mathematical Methods in Medicine (2012 – 2018)
- International Archives of Endocrinology Clinical Research (2011 – present)

- **Ad Hoc Peer-Reviewer:**

- National Institutes of Health (NIH); Health Services and Systems (HSS) Branch; to SBIR/STTR Special Emphasis Panel J-10: “Small Business: Health Informatics” – November 16-17, 2022; November 14-15, 2024
- National Institutes of Health (NIH); Study Section: NIH Research Initiative on Post-Acute Sequelae of SARS-CoV-2 Infection (PASC) – March 2021
- American Medical Informatics Association (AMIA) Annual Symposium – 2020-2021
- Applied Clinical Informatics Journal
- International Journal of Health Informatics
- Journal of Health Administration Education
- Journal of Computational Medicine
- Journal of Chemical Information and Modeling
- International Journal of Communication Systems
- Journal of Medicinal Chemistry
- Medicinal Chemistry Letters
- Journal of Biomolecular Structure and Dynamics
- Journal of Molecular Graphics and Modeling
- Combinatorial Chemistry & High Throughput Screening

- Breast Cancer: Targets and Therapy
- Molecular Cancer Therapeutics
- PLoS ONE
- **Regional and National Conference Organizer:**
 - Texas Health Informatics Alliance Inaugural Conference (September 9, 2022), Theme: “All In: Artificial Intelligence and Machine Learning to Accelerate Health.” The THIA conference provides an opportunity to share, collaborate, and showcase the fantastic work in health informatics by featuring presentations and keynote speakers from across Texas.
 - Texas Health Informatics Alliance Inaugural Conference (September 9, 2021), Theme: “All In: Informatics Lessons from the Pandemic to Reimagine Health Care.”
 - ‘Accelerating Change in Medical Education’ (2018-2019), an annual event organized by the American Medical Association. The University of Southern Indiana hosted the 2019 event (June 3-4, 2019). (G. Mustata Wilson Role: – Member of the Planning Committee and Host)
 - ‘Midwest Fall Technology Conference’ (2015-2017), an annual collaboration of the Midwest Area Chapters - Indiana, Wisconsin Dairyland, Greater Illinois, Michigan, Minnesota, and Iowa - of the Healthcare Information & Management Systems Society (HIMSS). IN HIMSS hosted the 2017 event in Indianapolis, IN (October 22-24). (G. Mustata Wilson Role: – Chair of Marketing and Communication Committee)
 - ‘Health Informatics Tri-State Summit’ (2014-2019), an annual event that prepares health professionals to implement effective health informatics strategies in their professional practice and organization. The University of Southern Indiana hosted all six yearly events. (G. Mustata Wilson Role: – Chair of the Planning Committee)

B. Professional Organization Memberships

American Interprofessional Health Collaborative (AIHC)

Elected Member of the Scholarship Committee for the 2021-2024 term

Member (2020 – present)

American Medical Informatics Association (AMIA)

Chair-Elect, Pharmacoinformatics workgroup (2023-2025 term)

Member (2020 – present)

Healthcare Information and Management Systems Society (HIMSS)

HIMSS North America Nominating Committee (2018-2020) (one of the 12 HIMSS members from the US and Canada)

HIMSS Technology Informatics Guiding Education Reform (TIGER)

Co-Chair of the TIGER International Taskforce (2020-)

Member of the HIMSS TIGER International Taskforce (2018-present) (one of the 58 members representing 25 countries)

Indiana Chapter of the Healthcare Information and Management Systems Society (IN HIMSS)

Past President (July 2018- June 2019)

InfraGard and Indiana InfraGard Members Alliance (InfraGard serves as a link between public and private organization and is a cooperative undertaking between the U.S. Government (FBI) and an association of local businesses, academic institutions, state and local law enforcement agencies, and other participants dedicated to increasing the safety/security of Indiana and U.S. critical infrastructures).

Director of the IN InfraGard Board (2017-2020)

IN InfraGard Education Taskforce Member (2017 - 2020)

InfraGard Member (2017-present)

National Academy of Inventors (NAI)

Senior Member (NAI National) (2020)

Vice-President – UTA NAI Chapter (2022-2023)

President – UTA NAI Chapter (2023-2024)

Texas Global Health Security Innovation Consortium (TEXGHS)

Member representing The University of Texas at Arlington (June 2022- 2024)

Texas Global Health Security Innovation Consortium (TEXGHS) is an expert community of scientists, innovators, and companies driving invention, innovation, and best practices to combat infectious disease threats.

Texas Health Resources Academic Consortium (THRAC)

Member representing The University of Texas at Arlington (January 2022- 2024)

Texas Health Resources Academic Consortium is a community that encompasses academic institutions collaborating with Texas Health Resources.

IX. SERVICE AND OUTREACH ACTIVITIES

C. Community Service and Outreach

- **YMCA Arlington-Mansfield Community Health Advisory Board** (August 2022- May 2024)
- **External Advisory Board for the National Center for Data Services (NCDS) of the Network of the National Library of Medicine (NNLM)**, Member (December 2021- May 2024)
- **Arlington Latino Resource Coalition**, Member (November 2022 -May 2024)
- **International Advisory Board for Danubius University, Galati, Romania** (November 2021 - present)
- **Texas Health Resources – University Consortium** (June 2021 – May 2024)
- **University of Texas Southwestern Clinical Informatics Membership** (June 2021 – May 2024)
- **Texas Health Informatics Alliance** (June 2021 – May 2024)
- **Greater Arlington Chamber of Commerce Women’s Alliance** (April 2021 – May 2024)
- **Tarrant County Data Sharing/COVID Vaccine Dashboard Workgroup** (November 2020 – March 2021)
- **Center for Healthcare Data (CHCD) at the University of Texas Health Science Center-Houston – COVID-19 Data Research Group** (November 2020 – May 2023)
- **Mayor’s Substance Abuse Taskforce** (Evansville, IN), Member, 2019-2020
- **YMCA, Camp Carson** (Indiana) Director of the Board, 2019-2020
- **St. John the Baptist Catholic School**, Newburgh, IN, School Council member and Legislative Liaison, 2018 – 2020
- **Susan G. Komen For The Cure**, Member, 2010-present
- **Alzheimer’s Association**, Member, 2011-present
- **American Heart Association**, Member, 2011-present