

CURRICULUM VITAE
HASSAN A. AZIZ, PHD, FACSC, MLS(ASCP)^{CM}



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Citizenship: United States

Education:

Institution/Location	Years	Degree/Date	Field of Study
University of Southern Mississippi, Hattiesburg, MS	1998-2000	PhD/August 2000	Science Education
University of Southern Mississippi, Hattiesburg, MS	1993-1994	MS/May 1994	Medical Technology
Kuwait University, Kuwait	1986-1990	BSc/June 1990	Medical Technology

Post Doctoral: Governor's Teaching Fellowship, University of Georgia, Athens, 2001

Certification: Laboratory Management University, ASCP, January 2014
Certified LEAN Six Sigma Green Belt, Southern Polytechnic State
University, April 2008
Medical Laboratory Scientist, MLS(ASCP), July 1990

Licensure: Clinical Laboratory Director, State of Georgia, License #03115R
Clinical Laboratory Supervisor, State of Florida, License # SU41936

Military Service: None

Administrative Appointments:

Years	Position	Institution	Department
2017-	Academic Consultant	Qatar University	Office of Vice President
2014-2017	Associate Dean for Academic Affairs	Qatar University	College of Arts & Sciences
2012-2014	Coordinator	QU Graduate Program	Biomedical Science
2011- 2015	Program Director	Qatar University	Biomedical Science
2008-2013	Medical Director	Georgia Regional Hospital	Clinical Laboratory
2003-2011	Department Head	Armstrong Atlantic State University	Medical Technology
2003-2007	Laboratory Director	Georgia Regional Hospital	Clinical Laboratory
1994-1999	Laboratory Director	Stone County Hospital	Clinical Laboratory

Faculty Appointments:

Years	Rank	Institution	Department
2011-	Associate Professor	Qatar University	Biomedical Science
2011-2014	Professor (Adjunct)	New York Methodist Hospital	Allied Health Education
2005-2007	Assistant Professor (Adjunct)	University of Cincinnati	Medical Technology
2003-	Assistant Professor (Adjunct)	Medical University of South Carolina	Pathology
2007	<i>Tenured</i>	Armstrong Atlantic State University	Medical Technology
2005-2011	Associate Professor	Armstrong Atlantic State University	Medical Technology
2000-2005	Assistant Professor	Armstrong Atlantic State University	Medical Technology
1999-2000	Medical Instructor	Antonelli College	Medical Education
1999-2000	Laboratory Instructor	University of Southern Mississippi	Medical Technology
1995-1999	Clinical Coordinator	Pearl River Community College	Medical Technology
1993-1994	Teaching Assistant	University of Southern Mississippi	Medical Technology

Hospital Appointments:

Years	Position	Institution	Department
2001- 2003	Medical Technologist	St. Joseph Hospital	Clinical Laboratory
1989-1990	Medical Technologist	University Medical Center	Clinical Laboratory

Other Experiences:

Years	Position	Institution	Department
1991-1992	Sales Representative	C.T. Pharmaceutical Company	Sales

Membership in Professional/Scientific Societies:**National Societies:**

- Association of Clinical Scientists (ACS)
- American Society for Clinical Laboratory Science (ASCLS)
- American Society for Clinical Pathology (ASCP)
- International Council for the Life Sciences (ICLS)
- Biosafety and Biosecurity International Consortium (BBIC)
- National Accreditation Agency for Clinical Laboratory Sciences (NAACLS)

Extramural Grants/award amount:

- Risk-based microbial sampling plans for foods and design of food safety epidemiological studies. (2014). Funded Workshop. Qatar National Research Funds. \$12,750
- Investigation of *Legionella pneumophila* in Qatar Cooling Systems (2014). Co-PI. Qatar National Research Funds. \$30,000
- Integrated Interprofessional Healthcare Education (2013). Co-PI. Academic Health System at Hamad Medical Corporation, Qatar. \$643,000
- Accreditation of Continuing Professional Education.: Nursing Continuing Education through ANCC (2013). Co-PI. Academic Health System at Hamad Medical Corporation, Qatar. \$381,000
- PRISM Partnership for Reform in Science & Mathematics grant (2005-07). Associate

- The Rural Technology Network (2002). Congressional Grant. \$68,300
- Influence of Methoxy-Pro on Anabolic Hormones, Body Composition, and Performance Measures in Trained Athletes (2000). Co-investigator. Cytodyne Technologies - \$38,000

Intramural Grants/Amount of Award:

- Statistical and bioinformatic analysis of novel genes associated with tobacco smoking behavior towards identification of novel avenues for personalized medicine. (2016). Qatar University, \$32,957
- Investigation of the Presence of *Legionella pneumophila* in Cooling System in Qatar. Qatar University, (2015/2016). \$ 41,1947
- The Prevalence of High Cholesterol Levels among Qatar University Students (2012) \$13,741.55
- Teach One, Teach All (2003). \$1,500
- Save a Tree, Create a CD (2003). \$2,265
- Development of Web Enhanced Courses (2002). \$2,153
- Introduction of High-Resolution Projection Technology into the Hematology Classroom, (2001). \$2,500

Awards, Honors, Membership in Honorary Societies:

Full Fellow of the Association of Clinical Scientists (ACS), 2016
 ASCLS Gloria F. "Mike" Gilbert Memorial Trustee Award, July 2011
 ASCLS-GA Contribution to the Profession, 2011
 Alpha Mu Tau Fraternity 2010
 ASCLS- Region III Director 2009-2012
 ASCLS-GA Member of the Year 2006-2007
 Omicron Sigma, ASCLS, 2006, 2008, 2010
 Brockmeier Award Faculty Teaching Award, 2005
 Contribution to the Profession, GSCLS, 2003
 Alpha Eta Allied Health Honor Society, 2003
 Excellence in Research and Scholarship, AASU, 2002
 Omicron Sigma, GSCLS, 2002, 2004
 Key to The Future, GSCLS, 2002
 The National's Dean List, 2000
 Community Service Award, United Blood Services, 1999
 Sigma Xi, 1995

Major Teaching and Clinical Interests and Responsibilities:

Health Informatics
 Clinical Microbiology
 Clinical Parasitology
 Clinical Hematology and Hemostasis
 Clinical Immunohematology
 Clinical Pathways and Critical Decision Making
 Laboratory Management and Education
 Educational methodologies

Lectures and Presentations:

Invited Lectures and Presentations

Aziz, H. (2017, November). Survey of Coronary Heart Disease Risk Factors among Qatar University Female Students. Exercise and Physical Activity as Prevention and Treatment for Cardiovascular Diseases. Doha, Qatar.

Aziz, H. (2015, April). The Accreditation Experience of the Biomedical Science Program. The 11th Annual Meeting of Deans of Colleges of Sciences Association of Arab Universities. Doha, Qatar.

Aziz, H. (2015, April). Impact of Personalized Medicine on Education. International Conference on Bioinformatics and Biostatistics Applications in Cancer Genomics Research. Doha, Qatar.

Aziz, H. (2015, January). QU College's Efforts in Enhancing Students Success. 6th OFID Day. Qatar University. Doha, Qatar.

Aziz, H. (2015, January). Faculty and Staff Contributions to Student Success. American Council on Education Leadership Academy for Department Heads. Qatar University, Doha, Qatar.

Aziz, H. (2014, May). The Impact of Personalized Medicine on Future Healthcare careers in Qatar. Hamad Medical Corporation-Duke University Personalized and Precision Medicine Symposium, Doha, Qatar.

Arneson, W., Aziz, H. and Asante, K. (2014, April). Research Methodology in Health Care. American Society for Clinical Pathology Outreach Workshop. Sumbawanga, Tanzania

Carr, C., Aziz, H., Bedri, S., and Mitchelson, B. (2014, March). Using Continuing Professional Development to maintain Board Registration for Allied Health (the UK and US experience). 1st Academic Health System (AHS) Continuing Education Symposium for Healthcare Educators in Qatar. Doha, Qatar.

Aziz, H. (2014, March). Panel Discussion on educational design and teaching and learning strategies. 1st Academic Health System (AHS) Continuing Education Symposium for Healthcare Educators in Qatar. Doha, Qatar.

Aziz, H. and Lofland, D. (2011, October). From Conventional to Modern Microbiology. Updates in Laboratory Medicine: Core Topics for CMP. Workshop for Laboratory Professionals. American Society for Clinical Pathology. Atlanta, GA.

Aziz, H. and Lofland, D. (2011, October). New Drugs for Bad Bugs. Workshop for Laboratory Professionals. American Society for Clinical Pathology. Atlanta, GA.

Aziz, H. (2011, May). Laboratory Medicine: Past, Present, and Future. Republic Polytechnic. Singapore.

Aziz, H. (2011, April). 31 Cases in Microbiology. Qatar University and Hamad Medical Center. Doha, Qatar.

Aziz, H. (2011, April). Agents of Bioterrorism. Louisiana and Mississippi Joint Annual Meeting. Shreveport, LA.

Aziz, H. (2010, April). Biofilms: Architects of Disease. Presentation at the Carolina Clinical Connection. Asheville, NC.

Aziz, H. (2010, April). Biofilms in our lives. Presentation at the American Society for Clinical Laboratory Science – Tennessee Annual Meeting. Nashville, TN.

Aziz, H. (2010, April). Attitude Adjustment through Effective Leadership. Keynote presentation at the Mississippi/Louisiana Clinical Laboratory Science Annual Meeting. Biloxi, MS.

Aziz, H. (2010, March). Introduction to Biofilms. Presentation at the Florida Society for Clinical Laboratory Science Annual Meeting. Orlando, FL.

Aziz, H. (2009, March). Compliance in the Microbiology Lab. Presentation at Carolina Clinical Connection. Myrtle Beach, SC.

Aziz, H. (2009, March). Managing Emotions through Effective Leadership. Presentations at Carolina Clinical Connection. Myrtle Beach, SC.

Aziz, H. (2009, March). Effective Leadership in the Laboratory. Presentations at the 61st Annual American Society for Clinical laboratory Science – Georgia, Clarkston, GA.

Aziz, H. (2009, March). The Microbiology Wizard. Presentations at the 61st Annual American Society for Clinical laboratory Science – Georgia Convention. Clarkston, GA.

Aziz, H. (2008, April). The Microbiology Wizard. Presentations at the 59th Annual American Society for Clinical laboratory Science – Georgia Convention. Morrow, GA.

Aziz, H. (2007, October). Global Infections: US and Global Perspectives. Presentations at Republic Polytechnic, National University Hospital, Singapore Polytechnic, Nanyang Polytechnic and Ngee Ann Polytechnic. Singapore.

Aziz, H. (2007, April). The Microbiology Wizard. Presentations at the 58th Annual Georgia Society for Clinical laboratory Science Convention. Morrow, GA.

Aziz, H. (2007, April). CLIA Compliance in Microbiology. 9th Annual CLIA Southern Consortium Meeting. Savannah, GA

Aziz, H. (2006, March). The Microbiology Wizard. Presentations at the 57th Annual Georgia Society for Clinical laboratory Science Convention. Macon, GA.

Aziz, H. (2005, February). Microbiology Registry Review. Presentations at the 56th Annual Georgia Society for Clinical laboratory Science Convention. Atlanta, GA.

Eckert, B.S., Aziz, H., Bowers, R., Brooks, D., Buck, M., Gibson, S., Lake, D., Stern, C., Streater, S. and Tanenbaum, B (2005). Strategic Planning As a Guide For Decision Making And Faculty Evaluation. 2005 Annual Conference of Association of Schools of Allied Health Professions, Houston TX.

Aziz, H. (2004, February). Microbiology Registry Review. Presentations at the 55th Annual Georgia Society for Clinical laboratory Science Convention. Atlanta, GA.

Aziz, H. (2003, March). Microbiology Registry Review. Presentations at the 54th Annual Georgia Society for Clinical laboratory Science Convention. Atlanta, GA.

Hardegree, L. and Aziz, H. (2002, June). The Education Pipeline Model and Strategies to Address B.S. Level Manpower Shortage. Presentation at the CLMA/ASCP 2002 Conference. New Orleans, LA.

Aziz, H. (2002, March). Microbiology Registry Review. Presentations at the 53rd Annual Georgia Society for Clinical laboratory Science Convention. Atlanta, GA.

Hardegree, L. and Aziz, H. (2002, March). Laboratory Managers' Conference. Presentation at the 53rd Annual Georgia Society for Clinical laboratory Science Convention. Atlanta, GA.

Hardegree, L. and Aziz, H. (2001, March). Addressing the Shortage on a State Level: Georgia Manpower. Presentation at the CLMA Staffing Shortage Forum: Building and Maintaining a Strong Laboratory Workforce. Philadelphia, PA.

Aziz, H. (2001, March). Microbiology Registry Review. Presentations at the 52nd Annual Georgia Society for Clinical laboratory Science Convention. Augusta, GA.

Hardegree, L. and Aziz, H. (2001, March). Managers' Conference on Manpower. 52nd Annual Convention of Georgia Society for Clinical Laboratory Science. Augusta, GA.

Submitted Presentations

Hu, P., Simonian, Y., and Aziz, H. (August 2016). Transforming Biomedical Science programs through accreditation. The 32nd World Congress of Biomedical Laboratory Science (IFBLS2016). Kobe, Japan.

Aziz, H. (2015, October). Clinical Education: begin with the end in mind. American Society for Clinical Pathology 2015 Annual Meeting. Long Beach, CA

Aziz, H., Moussa, H., Hussien, S., and Nasrallah, G. (2015, October). First study in Qatar to reveal high Legionella count in cooling towers. Poster presented at the American Society for Clinical Pathology 2015 Annual Meeting. Long Beach, CA

Aziz, H and Ndoeye, A. (2015, May). Assessment in Clinical Education. Health Sciences in Qatar: Explorations in Teaching, Learning & Interprofessionalism. University of Calgary in Qatar, Doha, Qatar.

Malki, A., Ashour, H.M., Issa, D.A.E., Elbayaa , R.Y., Aziz, H., Chen, X. (2014, September). Novel 1,5-Diphenyl-6-Sunstituted Pyrazolo [3,4-d] Pyrimidin-4-Ones Induced Apoptosis Colon Cancer RKO Cells via Targeting Mitochondrial Pathway. 3rd International Conference of Organic Chemistry (ICOC-2014). Tbilisi, Georgia.

Althani, A., Aziz, H., Saleem, W. (2014, May). Challenges to Conclude Emerging Viral Infections in Qatar. Poster at the Endemic and Emerging Viral Diseases of Priority in the Middle East and North Africa (MENA) – A Scientific Workshop to Promote Research Collaboration. Doha, Qatar.

Aziz, H. (2014, February). Global Connection. 2014 Clinical Laboratory Educator's Conference, San Jose, CA.

Aziz, H. (2013, September). The transformation of the MLS program at Qatar University through accreditation and benchmarking. ASCP Annual Meeting, Chicago, IL.

Aziz, H. (2011, July). Impact of Old Infections on Today's Society. ASCLS Annual Meeting, Atlanta, GA.

Aziz, H. and Simonian, Y. (2011, February). Successful Strategies for a New Program Director. 2011 Clinical Laboratory Educator's Conference, Fort Lauderdale, FL.

Aziz, H. (2011, January). Infections that Changed the World, the Series. Faculty Lecture Series. Armstrong Atlantic State University. Savannah, GA.

Aziz, H. (September, 2010). Infections that Changed the World. ASCLS RIII Triennial Meeting, Savannah, GA.

Aziz, H. (2010, July). Effective Leadership in the Medical Laboratory. ASCLS Annual Meeting, Anaheim, CA.

Aziz, H. and Eckert, B. (2008, November) A Hybrid Approach to Address Medical Laboratory Manpower. The 14th Annual Sloan-C International Conference on Online Learning, Orlando, FL.

Hewitt, L, Aziz, H, and Anderson, L. (2007, March) Hospitals and Education: A Different Approach to Train Medical Technologists. CLMA ThinkLab '07, Houston, TX.
Aziz, H and Wyatt, D. (2007, February) Student Criminal Background Checks in Allied Health Institutions. 2007 Clinical Laboratory Educator's Conference, Louisville, KY.

Aziz, H and Anderson, L. (2007, February) An Interdisciplinary Web-Based Case. 2007 Clinical Laboratory Educator's Conference, Louisville, KY.

Aziz, H, Gilman, F, Mahoney, S, and Wyatt, P. (2006, October). Criminal Background Checks: Current Practices in Allied Health Institutions. 2006 ASAHP Annual Conference in Chicago, IL.

Eckert, B and Aziz, H. (2006, July). Health Professions Workforce Partnership Can be the Answer. 74th ASCLS Annual Meeting. Chicago, IL.

Aziz, H, and Anderson, L (2006, March). New Hire: Best Fit or Misfit Body. Presentation at ThinkLab '06, The Annual Conference for Clinical Laboratory management Association. Charlotte, NC.

Aziz, H, Anderson, L, and Butina M. (2006, March). Improving Lines of Communication Between Academic Institutions and Clinical Facilities. Presentation at the 22nd Annual Clinical Laboratory Educators' Conference. San Antonio, TX.

Aziz, H, Eckert, B. and Seignious, B. (2005, March). Partnership to promote Recruitment, Retention, and Promotion of Medical Laboratory personnel. Presentations at the CLMA/ASCP ThinkLab Conference. Chicago, IL.

Aziz, H. (2005, February). Educational Methodologies for Clinical Instructors. Presentations at the 56th Annual Georgia Society for Clinical laboratory Science Convention. Atlanta, GA.

Aziz, H and Anderson, L. (2004, March). Bugbuster in the Classroom. Presentation at the AASU 4th Annual President's Symposium on Teaching & Learning. Savannah, GA.

Aziz, H. (2003, March). Adding the Human Touch to E-Learning. Presentation at the AASU 3rd Annual President's Symposium on Teaching & Learning. Savannah, GA.

Hardegree, L. and Aziz, H. (2002, July). Powerful benefits of Technology: Education and Marketing. Poster presented at the IAML and ASCLS World Congress. Orlando, FL.

Aziz, H. (2002, April). The Medical Laboratory and Cancer. Presentation at the Armstrong Atlantic State University Leadership Institute. Savannah, GA.

Aziz, H. and Hardegree, L. (2002, April). Unleash the Power of PowerPoint. Presentation at the AASU 2nd Annual President's Symposium on Teaching & Learning. Savannah, GA.

Aziz, H. and Hardegree, L. (2002, February). Student Professionalism. Presentation at the 8th Annual Clinical Laboratory Educators' Conference. Honolulu, HI.

Hardegree, L. and Aziz, H. (2002, February). A Supply Pipeline Model and Strategies for Addressing Manpower Shortage. Presentation at the 18th Annual Clinical Laboratory Educators' Conference. Honolulu, HI.

Hardegree, L. and Aziz, H. (2002, February). Web pages: Educating Students and Promoting Profession. Presentation at the 8th Annual Lilly Conference on College & University Teaching – South. Athens, GA.

Aziz, H. and Hardegree, L. (2002, February). Improving Instructional Effectiveness Using Simple Information Technologies. Presentation at the 9th Georgia Conference on College & University Teaching. Kennesaw, GA.

Hardegree, L. and Aziz, H. (2001, February). The Potential Benefit of Your Web Page: Promoting Your Program and Our Profession and Educating Practitioners for the Future. Poster presented at the Clinical Laboratory Educators Conference. American Society for Clinical Laboratory Science. St. Louis.

Hardegree, L. and Aziz, H. (2001, February). Improving Instructional Effectiveness Using Simple Information Technologies. Presentation at the AASU First Annual President's Symposium on Teaching and Learning. Savannah, GA.

Aziz, H., Beck, C. and Hudson, J. (2001, February). Formal Versus Informal Instruction in Laboratory Safety. Poster presented at the Clinical Laboratory Educators Conference. American Society for Clinical Laboratory Science. St. Louis.

Hardegree, L. and Aziz, H. (2000). State Wide Medical Laboratory Manpower Meeting. Macon, GA.

Aziz, H., Hudson, J., Beck, C., and Lux, M. (1995). Differences among current methodologies used for detection of *Giardia lamblia*. Poster presented at the 59th Annual Meeting of the Mississippi Academy for Sciences. Biloxi, MS.

Aziz, H., Hudson, J., Beck, C., and Lux, M. 1994. A comparative study of immunological methods for the identification of *Giardia lamblia*. Poster presented at the Joint Meeting of American Society for Microbiology, South Central Branch, and Mid-South Biochemists. Shreveport, LA.

Extramural Professional Activities:

- Advisory Committee on International Standards Establishment (ISE), 2017 – Present.
- External Examiner, Medical Laboratory Science Program, Higher Colleges of Technology, United Arab Emirates, 2017.
- Editorial Board, Archives of Clinical and Biomedical Research, 2016 – present
- External Examiner, Biomedical Science Program, Sultan Qaboos University, Muscat, Oman, 2015 – 2017.
- National Accrediting Agency for Clinical Laboratory Science (NAACLS), Global Task Force, 2015 – Present.
- *Critical Values* Development Board, American Society for Clinical Pathology (ASCP), 2015 – Present
- National Accrediting Agency for Clinical Laboratory Science (NAACLS), Accreditation volunteer, 2001 – Present.
- Advisory Committee, First Middle Eastern Conference on Interprofessional Education: New Frontiers in Healthcare, Doha, Qatar, December 5-7, 2015
- Medical Laboratory Qualification Program (MLQP) Examination Pilot, Tbilisi, Georgia, February 16 - 18, 2015
- American Society for Clinical Pathology (ASCP) International Commission, 2014 – Present
- Hamad Medical Corporation - Weill Cornell Medical College in Qatar Joint Institutional Review Board (J-IRB), 2014
- Qatar's National Cancer Strategy, 2013 – Present
- Genomic Assessment of Qatar, 2013 – Present
- Founding Qatar ASCP Advisory Board, 2013 – Present
- Founding Board Member, International Council for the Life Sciences, Qatar Chapter, 2013 – Present
- Education Committee Chair, Academic Health System, Doha, Qatar, 2012 – Present
- Consulting Editor, *Clinical Laboratory Science*, American Society for Clinical Laboratory Science, 2012 – Present
- American Society for Clinical Pathology Global Outreach Consultant, 2011 – Present
- Editorial Advisory Board, *Advance for Medical Laboratory Professionals*, 2010 – 2014
- External Examiner, Biomedical Science Program, Singapore Polytechnic, Singapore, 2010 – 2012
- Blog Contributor: *From Classroom to Bench*. *Advance for Medical Laboratory Professionals*, 2010 – 2012
- American Society for Clinical Laboratory Science, Board of Directors, 2009-2012.
- National Accrediting Agency for Clinical Laboratory Science, Online Learning Task Force, 2010 – 2012
- Workshop for Laboratory Professionals. American Society for Clinical Pathology. Atlanta, GA, 2011
- ASCLS Annual Meeting, Atlanta, GA, 2011
- 2011 Clinical Laboratory Educator's Conference, Fort Lauderdale, FL.
- ASCLS RIII Triennial Meeting, Savannah, GA, 2010.
- ASCLS Annual Meeting, Anaheim, CA, 2010.

- The 14th Annual Sloan-C International Conference on Online Learning, Orlando, FL, 2010
- Legislative Symposium, ASCLS, March 2009, 2010, 2011
- American Society for Clinical Pathology, Information Technology Committee, 2007-2010.
- National Accrediting Agency for Clinical Laboratory Science, Human Resources Workgroup, 2007-2008.
- Medical Devices Advisory Committee of the Food and Drug Administration, 2006-09.
- Diagnosis and Staging Workgroup for the Georgia Cancer Coalition, 2006.
- Chair of CLEC 2008 Steering Committee.
- President. American Society for Clinical Laboratory Science-Georgia. 2005-2006
- ASAHP Leadership Development Program, Association of Schools of Allied Health Professions. 2006.
- President-Elect. American Society for Clinical Laboratory Science-Georgia. 2004-2005
- Leaders Among Us. Armstrong Atlantic State University. Spring 2004.
- Conference Program Committee. Clinical laboratory Management Association.
- Educational Resources Committee member. Clinical laboratory Management Association.
- Committee on Educational Affairs of the American Society for Clinical Laboratory Science.
- Scientific Assembly member. American Society for Clinical Laboratory Science.

Publications:

Peer Reviewed Journal Articles:

Aziz. H. Evaluating Responsiveness of Raised Serum Ferritin for Treatment in Patients with Chronic Hepatitis C Infection. In preparation.

Aziz, H., Bari, R., Moosa, E.M., and Abu El-Ruz, R. Retrospective Analysis of Chronic Hepatitis C Patients with Hepatic Iron Depletion. In preparation.

Aziz, H., Gomaa, A., Al-Obaide, M.A. and Alobydi, H.W. Kynurenine 3-Monooxygenase Gene is a Novel candidate of Tobacco Smoking Cessation. In preparation.

Aziz, H. and Tille, P. A Comprehensive Assessment Plan for Medical Laboratory Science Programs. In Press. *Clinical Laboratory Science*.

Aziz, H., Moosa, E.M., Bari, R., and Abu El-Ruz, R. (2018) Liver Enzymes Correlation among Chronic Hepatitis C Patients with virus Infection Fibrosis Progression. *Medicine Today*. 2018, 30 (1): 11-15. <http://dx.doi.org/10.3329/medtoday.v30i1.35556>

AbuOdeh, RO, Aziz, HA, Moussa, H, Hussien, S, Hadwan, T, Nasrallah, GK. (2017) First study in Qatar to reveal high Legionella counts in cooling towers. *Eastern Mediterranean Health Journal*. 2017, 23 (10): 702-706. <https://doi.org/10.26719/2017.23.10.702>

Aziz, H. and Gomma, A. (2017) Coronary Heart Disease Risk Factors among University Female Students. *Quality in Primary Care*, 2017, 25 (4): 229-234.

Aziz, HA (2017) Necrotizing Fasciitis caused by *Streptococcus pyogenes*: A case report and literature review of disease diagnosis and management. *Arch Community Med Public Health* 3(2): 058-061. DOI: <http://dx.doi.org/10.17352/2455-5479.000026>

Aziz, H. Can MLS Programs Offer a Personalized Education? (2017). *ASCP's Critical Values*, 2017; 10(3): e1-e4. Doi: <https://doi.org/10.1093/crival/vax016>

Aziz HA and Elsharawy A. (2017) Evolution of Molecular Biology and Cancer: Crucial Turning Points and Startling Discoveries in a Continual Battle. *Int J Cancer Cell Biol Res.* 2017; 2(1): 009-013.

Aziz, H. (2017) Comparison between Field Research and Controlled Laboratory Research. *Arch Clin Biomed Res.* 2017; 1 (2): 101-104

Aziz, H and Alshekhabobakr, HM. (2017) Health Informatics Tools to Improve Utilization of Laboratory Tests. *Laboratory Medicine.* 2017; 48 (2): e30–e35, <https://doi.org/10.1093/labmed/lmw066>

Aziz, H. (2017) A Review of the Role of Public Health Informatics in Healthcare. *Journal of Taibah University Medical Sciences.* 12(1):78e81. <https://doi:10.1016/j.jtumed.2016.08.011>

Aziz, H. (2016) Science and Mathematics Education in the GCC Countries. *Teacher Education and Curriculum Studies.* 1(2):39-42. <https://doi:10.11648/j.tecs.20160102.13>

Aziz, H. (2016). Handling Big Data in today's Healthcare. *Lab Medicine*; 47(4): e38-e41. Doi: <http://dx.doi.org/10.1093/labmed/lmw038>

Aziz HA, Guled A. (2016) Cloud Computing and Healthcare Services. *J Biosens Bioelectron* 7: 220. <https://doi:10.4172/2155-6210.1000220>.

Aziz. H. (2016). Improving Healthcare Quality with Evidence-Based. *J Biosens Bioelectron.* 7:219. <https://DOI:10.4172/2155-6210.1000219>

Aziz HA. (2016). Using Health Information Technology to Enhance a Culture of Safety. *J Biosens Bioelectron* 7: 218. <https://doi:10.4172/2155-6210.1000218>

Al-Azwani, IK and Aziz, HA. (2016). Integration of Wearable Technologies into Patients' Electronic Medical Records. *Quality in Primary Care* 2016, 24 (4): 151-154.

Malki, A., Mohsen, M., Aziz, H., Rizk, O., Shaaban, O., Elsayed, M., Sherif, Z., and Ashour, H. (2016). New 3-cyano-2-substituted pyridines induced apoptosis in MCF 7 breast cancer cells. *Molecules* 2016, 21, 230; <https://doi:10.3390/molecules21020230>

Althani, A., Marei, H., Saleem, W., Nasrallah G., Zowalaty, M., Al Khdor, S., Al Asmakh, M., and Aziz, H. (2015). Human microbiome and its association with health and diseases. *J Cell Physiol* 2015 Dec 11. <https://doi:10.1002/jcp.25284>.

Malki, A., Ashour, A., Elbayaab, R., Issabd, D., Aziz, H., and Chen, X. (2015). Novel 1, 5-diphenyl-6-substituted 1H-pyrazolo [3, 4-d] pyrimidin-4 (5 H)-ones induced apoptosis in RKO colon cancer cells. *J Enzyme Inhib Med Chem* 2015 Dec 18:1-14.

Aziz, H. (2015). Health Informatics – Introduction. *Clin Lab Sci* 2015;28(4):238-239

Aziz, H., Bearden, R.L., and Elmi, A. (2015). Patient-Physician Relationship and the Role of Clinical Decision Support Systems. *Clin Lab Sci* 2015;28(4):240-244.

Aziz, H., and Madani, A. (2015). Evolution of the Web and its Uses in Healthcare. *Clin Lab Sci* 2015;28(4):245-249

Aziz, H., and Alsharabasi, O.A. (2015). Electronic Health Records: Uses and Malpractice Risks. *Clin Lab Sci* 2015;28(4):250-255.

Aziz, H. and Abochar, H. (2015). Telemedicine. *Clin Lab Sci* 2015;28(4):256-259.

Aziz, H., Nasrallah, G., Hussein, S., Moussa, H. (2015) First Study in Qatar to Reveal High Legionella Count in Cooling Towers. *Am J Clin Pathol* 2015;144:A219. (Abstract)

Luka, G.; Ahmadi, A.; Najjaran, H.; Alocilja, E.; DeRosa, M.; Wolthers, K.; Malki, A.; Aziz, H.; Althani, A.; Hoorfar, M. Microfluidics Integrated Biosensors: A Leading Technology towards Lab-on-a-Chip and Sensing Applications. *Sensors* 2015, 15, 30011-30031.

Aziz, H. Healthcare and Education in Qatar. (2015) *ASCP's Critical Values*, 2015; 8(3): 32-35.

Malki AM, Aziz HA (2015) Novel Targeted Therapy for Lung Cancer: Revisited. *Clon Transgen* 4: e120. doi:10.4172/2168-9849.1000e120

Malki, AM, Aziz HA, Mohsen MO (2015) Vascular Endothelial Growth Factor Inhibitors: Blocking Angiogenesis and Improving Outcomes. *Clon Transgen* 4:e116. doi: 10.4172/2168-9849.1000e116

Mohsen, M., Malki, A., Aziz, H. (2015) Evidence-Based Medicine; Climbing a Mountain for a Better Decision-Making, Integrative Molecular Medicine. *Integr Mol Med*, 2015; 2(3): 150-153. doi: 10.15761/IMM.1000132.

Aziz, H. and Mohsen, M. (2015). The Blue Button Project: Engaging Patients in Healthcare by a Click of a Button. *Perspectives in Health Information Management*. ” (Spring 2015): 1-

7. <http://perspectives.ahima.org/the-blue-button-project-engaging-patients-in-healthcare-by-a-click-of-a-button/#.VSFzjPmUc1Z>

Malki, A., Mohsen, M., Aziz, H. (2015) "Breakthrough Therapies" for Breast Cancer Metastasis. *J Genet Syndr Gene Ther.* 6: e131. <http://dx.doi.org/10.4172/2157-7412.1000e131>

ElObeid, T., Aziz, A., Mousa, R., and Alzahiri, A. (December, 2014). Survey on the Microbial Quality of Traditional Foods Sold by Street Vendors in Qatar. *Austin J Nutr Metab.* 2014;1(2): 4.

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