

CURRICULUM VITAE

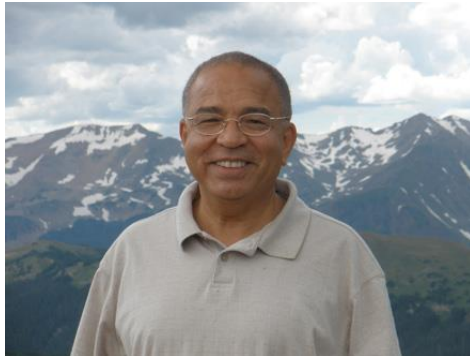
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Adjunct Professor of Environmental Health

Maryland Institute of Applied Environmental Health (MIAEH)

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Summary of Experience

More than 35 years first-hand experience in conducting toxicology and risk analysis studies including academic research, drug safety, drug efficacy, food safety and environmental risk assessment. An innovative educator who designed and delivered large number of academic and professional training courses in various aspects of toxicology and risk assessment.

PROFESSIONAL EXPERIENCE

May 2015- Present:

Adjunct Professor of Environmental Health, Maryland Institute of Environmental Health, School of Public Health, University of Maryland, College Park, MD, 20740, USA

Duties and Accomplishments:

- Designed, developed, coordinated and taught a graduate course: MIEH 740: Environmental Health Risk Assessment (<https://sph.umd.edu/department/miaeh/graduate>). This course evaluates various approaches used in human health risk assessment. The students receive in depth knowledge on chemical, microbial, ecological risk assessment as well as cumulative risk assessment. Emphasis is on quantitative methods and sources of uncertainty. Real cases of environmental challenges are discussed and assessed. I offered the course in the fall of 2015, 2016, 2017 & 2018, 2019, 2020 and will be offered in fall 2021.
- Collaborated with Dr. M. Haider, UMD/SPH/MIAEH). We designed, developed, coordinated and taught a graduate course: MIEH 607: Risk Based Approach to Ensure Global Food Safety and Security. This is a collaborative course among the University of Maryland, Cairo University and the Egyptian Agriculture Research Center to explore the status and challenges of the global food safety and security. The purpose of this global graduate class is to train and disseminate knowledge to the participants on global food safety and security. Students apply principles of risk assessment to ensure food safety

and food security. UMD and Cairo University students collaborate to design and execute projects to ensure food safety and security in USA and Egypt. This class started in 2017. The course is very successful and popular among University of Maryland and Cairo University students. Since the start of the course over 100 students from USA and Egypt have participated in this course.

- Offered lectures as a part of group teaching during the spring of 2016, 2017 and 2018 in UMD- MIEH 600 “ Foundations of Environmental Health”.
- Offered lectures as a part of group teaching during the fall of 2015, 2016, 2017, 2018 & 2019 in UMD-MIEH 605 Fundamentals of Global Health
- Supervised several group and individual projects for the students.
- Have been awarded UMD Global Class Initiative Grant in 2017.
- Participated as a guest instructor in 2019, 2020 and 2021 to Georgetown University Graduate course “EMAP 514 – Environmental Risk Assessment and Management.”

November 2010- December 2020:

Senior Science Advisor, National Center for Environmental Assessment (NCEA) and Center for Computational Toxicology and Exposure (CCTE), Office of Research & Development, U.S. Environmental Protection Agency Washington, DC

Duties and Accomplishments:

- Developed an aggressive program to facilitate international collaboration regarding major scientific issues related to health assessments conducted by EPA to promote the application of state-of-the-art assessment methodologies and procedures.
- Chaired the Technical Qualification Board (TQB) for the promotion of scientific staff.
- Designed and coordinated and delivered an annual training program to help NCEA scientists and technical employees to prepare for successfully passing the Technical Qualification Board (TQB).
- Planned, negotiated, coordinated and organized EPA participation at several International venues. I arranged EPA teams to provide risk assessment training in Australia, Chile, Singapore, Romania, Egypt, Saudi Arabia, United Arab Emirates, Ghana, Switzerland Brazil and China
- Advised the Center Director and Deputy Director on the formulation of strategic plans and policies for international collaboration.
- Created, developed and implemented NCEA-specific training programs for managers and staff to improve productivity and facilitate communication across the center.
- Represented the Center Director, Deputy Director in various ORD, EPA and international policy and program committees and/or workgroups that address scientific and policy issues related to chemical assessments.
- Managed extramural vehicles addressing training, organizational development, and highly complex chemical health assessment issues.
- Advised on the development of complex toxicological reviews and risk assessments in EPA and outside the agency.
- Led EPA cooperative agreement with the World Health Organization. The capacity of this agreement is 17.5 million dollars. I am playing an active role in organizing EPA activities in this agreement.

- Collaborated with scientists from EPA, FDA and USDA to coauthor and produce the interagency Microbial Risk Assessment Guideline Pathogenic Microorganisms (MRA) with Focus on Food and Water
- Coordinated EPA activities in WHO global risk assessment network.
- Served as Matrix Interface (MI) for EPA's Sustainable and Healthy Community (SHC) Research Program. Played a major role in planning and implementing of SHC Research Program.
- Negotiated, and prepared several Memorandum of Understanding (MOU) between EPA and NIOSH, ATSDR and CPSC. These MOU serves as a mechanism for increased communication and cooperation in the development of risk assessment methods and toxicological assessments.
- Served as EEO counselor for EPA's Office of Civil Rights (OCR).

June 2013- June 2014:

Acting Director of Program Support Staff, National Center for Environmental Assessment (NCEA), Office of Research & Development, Environmental Protection Agency Washington, DC

Duties and Accomplishments:

- Played a leadership role in ensuring that all NCEA operations are consistent with FMFIA requirements and Federal, EPA and ORD regulations, policies and procedures concerning financial integrity, extramural management, and personnel administration.
- Supervised NCEA Program Support Staff: assigned work, determined responsibilities and priorities, evaluated employee performance, recommended appropriate incentives, initiated corrective actions and kept employee informed of management and personnel policies.
- Provided training and development opportunities responsiveness to organizational and employee needs.
- Established short- and long-range program objectives and formulated action plans for accomplishment of established objectives.
- Provided direction for resource planning based on annual operating plan and budget.
- Identified and proposed resolution to general management problems which may adversely impact the organization's performance.
- Played important role in meetings, conferences and discussions related to NCEA Management with senior level management officials in the Agency.

April 2006- November 2010:

Director, Integrated Risk Information System (IRIS), National Center for Environmental Assessment, Office of Research & Development, Environmental Protection Agency Washington, DC

Duties and Accomplishments:

- Served as the Director for the Integrated Risk Information System (IRIS) Program. The IRIS Program coordinates the cross-agency production of complex, scientific assessments that undergo a series of internal and external reviews prior to being approved for the IRIS database for public availability.
- Responsible for planning, implementing, and overseeing the evolving program, and solving complex and policy-sensitive operational problems in the internal and

external peer review and agency review processes.

- Set goals, objectives, milestones and budgets for the expanding IRIS program. This involves cross-agency negotiations and consideration of many operational and scientific variables. Work involves constant analysis and adjustment to a changing work agenda, priorities, unanticipated issues, and evolving relationships with colleagues.
- Provided leadership, direction and oversight for the overall scientific quality and consistency of IRIS health assessment development, peer review, consensus formulation, and final document preparation.
- Developed assignments for staff and then monitors, coaches, and evaluates staff performance.
- Provided daily guidance, consultation, and problem solving for agency scientists responsible for the development of IRIS health assessments.
- Raised major scientific and policy issues and IRIS operational concerns to senior management, especially the NCEA Associate Director for Health (ADH) with recommendations for their resolution.
- Conducted informational and decision briefings, prepares correspondence, and makes recommendations or presents decisions to NCEA officials.
- Provided information, consultation and guidance to the professional public including representatives of industry and other stakeholders with diverse interests and views via the Federal Register, telephone, and in-person meetings. Represented the Agency to members of professional organizations and the public in high-visibility meetings and other settings on potentially controversial, complex topics.
- Provided leadership, guidance and oversight to scientific staff across the Agency to ensure that internal and external peer review of IRIS documents is properly conducted, including compliance with Agency policies, guidance and guidelines.
- Provided significant and original input into resolution of a wide range of multi-disciplinary issues that arise in peer review.
- Provided leadership and innovation in the planning and use of extramural funds for IRIS file development, peer review, and other extramural support when needed to augment in-house capability.
- Led the planning and implementation of IRIS outreach activities, such as development of educational materials, scientific background documents for IRIS users, and exchange of information with the public.
- Strategize, defined, built, and evaluated new approaches for providing and increasing the transparency of the IRIS scientific review and decision-making process to the public.
- Managed all input to IRIS internet database, including quality assurance of final, edited IRIS summaries and support documents prior to loading.

December 2003 - April 2006

Chief of the Technical Analysis and Evaluation Branch (TAEB), Risk Assessment Division, Office of Public Health and Sciences (OPHS), Food Safety and Inspection Services, United States Department of Agriculture, Washington, DC

Duties and Accomplishments:

- Provided scientific leadership, direction and guidance on the development, adaptation, and application of microbial (non-microbial) risk assessments to address the Agency's public

health and food safety goals.

- Led and guided risk assessment investigation teams.
- Cultivated and maintained contacts in the risk assessment and relevant scientific communities.
- Directed the critical analyses of current and past risk assessments to ensure continuous updating of assessments with new information and new technological developments in assessment methods and technology to identify options to attain optimum effectiveness.
- Consistently maintained effective and collegial working relationships with others in FSIS and those outside FSIS (e.g., FDA, ARS, APHIS, CDC, etc.) to facilitate the collection and analysis of data for use in FSIS risk assessments.
- Provided support to other FSIS offices such as OIA, OFDEP and FO.
- Responded to emergency and critical events by developing with appropriate staffs a well-planned response, coordinated with groups internal and external to the Division, and as a result could provide OPHS with a sound response plan needing little modification and an implementation follow-up needing minor monitoring from upper management.
- Fostered a policy of teamwork, cooperation, openness and excellence. Invited inter-and intra-agency comments and participation on work products. Examples included revisions to the SERA risk assessment (involves OPHS, OPPD, FDA, internal and external peer reviews); review and development of guidelines, discussion papers and country, comments for CCFH, CCFAC and other CODEX committees (involves working with FDA).

October 2001- December 2003

Senior Risk Analyst, Risk Assessment Division, Office of Public Health and sciences, Food Safety and Inspection Services, United States Department of Agriculture, Washington, DC

Duties and Accomplishments:

- Provided leadership and guidance in evaluating the risk associated with consumption of products affected by biological, chemical, or radiological agents or devices.
- Represented FSIS and USDA at professional meetings and conferences e.g., Society of Risk Analysis, Society of Toxicology, and American Veterinary Medical Association.
- Cooperated in preparing and delivered high-level technical presentations on FSIS and USDA emergency response programs to Federal, State, local and industry officials on an as needed basis to educate and address issues and concerns.
- Led RAD Team of risk assessment approach to investigate the consequences of conservative and liberal approach for carcass disposal of animals that contain residues of drugs with no tolerance established in this species.
- Played a vital role in the OPHS F-BAT Committee.
- Led RAD team in use of risk assessment in incorporating residues in HACCP.
- Provided Toxicological evaluation, hazard identification and class recommendation for more than 40 recall cases.
- Played critical role in identifying the comparative risk ranking of potential bioterrorism agents.
- Coordinated OPHS activity on the use of risk assessment in combating bioterrorism in domestic foods.
- Played a critical and vital role in collecting data and coordinated the work with different

offices of Risk Assessment of Imported Foods.

- Led RAD team in preparing Nitrosamine Risk profile and Risk Assessment.
- Led investigation on Application of Dietary Exposure Evaluation Model to determine human exposure from consumption of antibiotics, pesticides and sulfonamides residues in meat.
- Cooperated with Karen Hulebak, Carol Maczka, FDA/CVM, and FDA/CFSAN in investigating Possible Accumulation of Dioxins in Cattle tissues and Milk Fat Due to Consumption of Mineral Premixes.
- Led the investigating team on the use of data from the 1994-96, 1998 Continuing Survey of Food Intakes by Individuals (CSFII) to model egg consumption patterns by age. The generated data was used in salmonella risk assessment.
- Played vital role in FSIS new initiatives such as FSIS Center of Excellence in Risk Assessment and Workforce of the Future Steering Committee.
- Worked as an active member on FSIS vital teams such as Emergency Response Team (ERT) and the Interagency Residue Control Group (IRCG).

September 1998 - October 2001

Toxicologist Chemistry and Toxicology Division (ZNRSD), Office of Public Health and sciences, Food Safety and Inspection Services, United States Department of Agriculture, Washington, DC

Duties and Accomplishments:

- Led the toxicological investigation of a case of presence of Chlorfenvinphos in Australian Boneless for Manufacturing Beef.
- Provided toxicological evaluation in a case of four hundred and sixty hogs sent to slaughter and identified as only having 7-day withdrawal from Mecadox, a growth promoting that has a 42-day withdrawal.
- Evaluated and advised The Federal Law Enforcement Training Center on the findings of lead in deer.
- Served as scientific authority for the investigation of the selenium contamination situation in Idaho.
- Investigated a case with the presence of high concentration sodium nitrite in country ham.
- Investigated and advised the FSIS Technical Service in a case of contamination of Frankfurter Brine Solution with Chlorine dioxide
- Participated in two committees to implement ISO regulations at FSIS labs.
- Cooperated with other scientists from OPHS to study the best practical ways for the performance validation of incubators for the Fast Antimicrobial Screen Test (FAST) employed for residue testing in slaughter plants.
- Organized the Office of Public Health and Sciences seminar series.
- Cooperated with the chief of the branch in preparing the undersecretary's response to an EU decision for permanent ban on American beef.
- Led FSIS/FDA investigation team on the pharmacokinetics of gentamicin in cattle to evaluate the validity of claim that presence of gentamicin in vaccine may test positive for gentamicin test.
- Led FSIS evaluation and Responses team to the Codex Request for Comments on Working Principles for Risk Analysis.

December 1986 - September 1998

Toxicologist, Research Scientist, New Jersey medical School and Adjunct Associate Professor, School of Allied Health, University of Medicine & Dentistry of New Jersey, Newark, NJ

Duties and Accomplishments:

- Led the investigation team for several *in vivo* and *in vitro* safety and efficacy Studies e.g.:
 - Pharmacokinetics of Acrylamide after oral exposure in male rats and mice.
 - Effect of chemical mixtures on the dermal bioavailability of solvents and heavy metals in Pigs
 - Effect of soil aging on bioavailability of heavy metals in soil.
 - Bioavailability of soil adsorbed environmental pollutants *in vivo* and *in vitro*.
 - evaluation of the use of uncertainty factors in driving RfDs for some chlorinated compounds.
 - Pharmacokinetics and metabolism of benzophenone-3 in rats and mice.
 - Effect of cocaine and lidocaine on isolated rat mouse hepatocytes.
 - Metabolic interaction of aspirin and salicylamide in isolated hepatocytes.
 - Effect of trichloroethylene on isolated hepatocytes.
 - Kinetics, teratogenicity and vaginal toxicity of alcide gel.
 - Comparative studies on the effect of ultrasonic needle on removal of hepatoma in rats.
 - Evaluation of Medsonic formula on Syrian hamster pouch.
 - Prevention of postoperative adhesion in rats.
- As a toxicology faculty, I was responsible for coordinating the student internship program.
 - I designed coordinated and led the teaching team for Toxc 4115: Organ System Toxicity.
 - I offered lectures as a part of group teaching in the following undergraduate course:
 - Toxc 4115: Organ System, Toxicities.
 - Toxc 4250: Pathology for Toxicologists.

December 1984 – September 1986

Analytical Chemist, Senior Research Scientist and Laboratory Manager, M.A.S. Laboratories Inc., East Windsor, NJ.

Duties and Accomplishments

M.A.S. laboratories are a contract research and testing facility. I was responsible for department of analytical chemistry and toxicology, in addition to the duties as laboratory manager.

August 1983 - November 1984

Post-doctoral Fellow, Department of Pharmacology & Toxicology, New Jersey Medical School, Newark, NJ. University of Medicine & Dentistry of New Jersey, Newark, NJ

Duties and Accomplishments

Performed basic research on genotoxicity of chlorine dioxide, pharmacokinetics of benzyl

chloride, dermal, teratogenicity and vaginal toxicity of Alcide.

January 1982 - August 1983

Postdoctoral Fellow at Graduate Center of Toxicology University of Kentucky, Lexington, KY

Duties and Accomplishments

Performed basic research on Pharmacokinetics of Chlordane and carcinogenicity of polycyclic aromatic hydrocarbons.

EDUCATION

- Doctor of Philosophy (Ph.D.), Toxicology, 1981
Zagazig University, Faculty of Veterinary Medicine, Zagazig, **Egypt**
- Master of Veterinary Sciences (M.V. Sc), Toxicology, 1979
Zagazig University, Faculty of Veterinary Medicine, Zagazig, Egypt
- Bachelor of Veterinary Sciences (B. V. Sc), 1975
Cairo University, Faculty of Veterinary Medicine, Cairo, Egypt

Professional Board Certifications:

- Certified by the American Board of Toxicology (ABT), 1993, 1998, 2003, 2008, 2013 & 2018.
- Certified by the National Board of Veterinary medicine (NBE), through the AVMA's Educational Commission for Foreign Veterinary Graduates. 1996.
- Certified by the American Board of Forensic Examiners, 1997
- Certified by the American Board of Forensic Medicine, 1997

Job Related Certifications Training Courses:

- Certified as Green Belt Lean Professional, 2020.
- Certified by Federal Mediation and conciliation Service as Mediator, 2019.
- Certified by United States Environmental Protection Agency as Equal Opportunity Counselor, 2018
- Contracting Officers Representative (COR), DAU, 2014
- Improved Statement of Work, DAU, 2014
- Basic Contracting for GSA Schedules, FAI, 2014
- Team Conflict: The Seeds of Dissent, June 2011
- Principles and applications of coaching, May 2011
- Contracting Officer Representative, April 2011
- Federal Executive Institute, Leadership for a Democratic Society, May 2008
- Emotionally Intelligent Leadership, FSIS, June 2005
- Leadership Assessment and Development Program Part I & I, FSIS and Office of Personal Management, Denver CO, June and August 2003
- Frontline Leadership: Preparing to Lead, Office of Personal Management, Distant learning Course, July 2003
- Electronic Laboratory Exchange Network (elexnet) Training, 2003, Washington, DC
- Principles of Risk Assessment for Managers, APHIS/JIFSAN, Riverdale, MD, 2003
- Dietary Exposure Estimation Model (DEEM) training, Novigen, Washington, DC, 2000
- Statistical Analysis Systems and enterprise Guide (SAS), SAS institute, Rockville, MD 2000

– 2002

- Problem Solving and Decision Making, USDA, December 2000
- Pathogen Reduction and HACCP, USDA, November 2000

PROFESSIONAL MEMBERSHIPS

- Society of Toxicology (SOT)
- American Board of Toxicology (ABT)
- Association of Government Toxicologist (AGT)
- Society of Risk Analysis (SRA)
- International Association for Food Protection (IAFP)

AWARDS

- EPA Outstanding Career Achievement Award, 2020
- EPA Certificate of Appreciation for Commendable Service in Sustainable and Healthy Community Research program, 2016
- EPA Bronze Medal Award for Commendable Service for forging international partnership for advancing EPA mission in protecting human health and environment, 2015.
- EPA Bronze Medal Award for Commendable Service for outstanding accomplishment in the assessment of public health risk from Exposure to Bacillus anthracis to inform clean up decisions, 2014.
- Certificate of appreciation for providing training during the Black in Government 36 Annual National Training Institute, 2014
- EPA's Bronze Medal for Commendable Service for designing and launching an innovative strategic research action plan for sustainable and healthy communities research program that exemplifies trans-disciplinary approaches to enhancing sustainability, 2013.
- EPA's Bronze Medal for Commendable Service for the development of the first comprehensive microbial risk assessment guideline, 2012
- Letter of appreciation from International Conference on Occupational Health and Safety, February 2012.
- Merit Cash Awards, 2020, 2019, 2017, 2016, 2015, 2014, 2013, 2012 2011, 2009, 2008, 2007 and 2006
- EPA/ORD Diversity Leadership award in recognition of building a diverse workforce as an efficient means to achieve results, including development of IRIS health assessments, 2009.
- Quality Step Increase for outstanding accomplishment of duties, 2008.
- FSIS Administrator's Award for Excellence, 2005
- Spot and Time off Award for outstanding coordination and input on Risk Assessment Division's emergency response coordination. May 2005.
- Extra Effort Award and Certificate of Appreciation for Outstanding Leadership of the Technical Analysis and Evaluation Branch, skills in dealing with personnel issues, and application of personal expertise to critical risk assessment, December 2004.
- Quality Step Increase and Certificate of Appreciation for outstanding accomplishment of duties, November 2004.
- Certificate of Merit, for the assistance in the application of the CARVER methodology in the vulnerability assessments of FSIS-regulated products and for the active role in the training of scientists from other agencies and the industry on the methodology, September 2004.
- Certificate of Appreciation, for cooperatively and successfully managing the Risk Assessment

Division in the absence of a permanent director, August 2004.

- Spot Award for acting in a leadership role for Risk Assessment Division in the absence of a permanent division director, November 2003.
- Certificate of Appreciation for instrumental role as workforce of the future steering committee member in providing valuable options, objectives and recommendations to questions posed by the administrator and deputy administrators on issues with workforce implications. April 2003.
- Spot Award for Outstanding efforts in evaluating the animal and human health impact of mineral supplements contaminated with dioxin. April 2003.
- Spot Award: Recognized for Outstanding Efforts in organizing very informative seminars on current scientific issues of extreme importance to OPHS. September 2003.
- Letter of Appreciation from FSIS Administrator for the leading OPHS Team in Antimicrobial Evaluation, 2003.
- Spot Award Working long hours through the weekends to assist in the preparation of a Recommendation Memorandum from Health Hazard Evaluation Board March 2002.
- Time off Award for Preparing Guideline for FSIS' evaluation for new adjuvant of formulated Veterinary Biological products or to obtain reduced withdrawal time, May 2001.
- Certificate of Appreciation: University of Medicine and Dentistry of New Jersey, in recognition and appreciation for dedication and loyal service, 1996.
- Appreciation Letter from the administrator for leading OPHS team for antimicrobial evaluation.

COMMUNITY SERVICE:

- Certified Mediator at Federal Mediation Conciliation Services
- Past president of Society of Toxicology: Toxicologists of African Origin (TAO)
- Former president of Association of Government Toxicologists (AGT)
- Member in the executive board of directors for the African Chapter of the Society of Risk Analysis (SRA-Africa).

SELECTED INVITED LECTURES/SYMPOSIA:

- Organized and chaired an informational session: Understanding the Spread and Toxicological, Environmental, and Public Health Impact of the COVID-19 Pandemic on the African Continent, SOT Annual Meeting, (online), March 12-27, 2021.
- Organized and chaired an informational session: "Toxicology Education and Risk Assessment Training in Africa: Status, Challenges, and Role of SOT Special Interest Groups (SIGs) in Moving Forward". SOT Annual Meeting, Baltimore, MD. March 11-14, 2019.
- Invited as one of the key speakers in the Second Kuwait Food Safety Conference. The conference, organized by the Kuwaiti Ministry of Health, was held in Kuwait City, Kuwait, March 2016.
- Organized and delivered basic training to government, industry, NGO and academic participants on the application of risk assessment to ensure food safety. The training was held in Kuwait City, Kuwait, March 2016
- Organized and delivered basic and advanced risk assessment training to government, industry, NGO and academic participants at the Second Regional Training Course on Risk Assessment at Alexandria Library, Alexandria University, Egypt, July 2016
- Organized and delivered basic risk assessment training to government, industry, NGO and

academic participants at the First Regional Training Course on Risk Assessment at Alexandria Library, Alexandria University, Egypt, May 2015.

- Invited as a key speaker at the Risk Assessment Application on Food Matrix and Feeds and Its Impact on Human and Animal Health Conference at Cairo University, May 2015.
- Invited as a key speaker at the Third International Symposium on Chemical and Biological Safety, Riyadh, KSA, May 2015.
- Organized and delivered risk assessment hands-on training to government officials from the United Arab Emirates and other Middle Eastern Countries. Dubai, UAE, November 2014
- Organized and co-chaired session during 2014 SOT Annual Meeting: Recent Challenges beyond the Usual Toxicological and Public Health Challenges in Africa. Phoenix, AZ, March 2014
- Invited as a speaker in the 9th Dubai International Food Safety Conference & workshop, Dubai, UAE, November 2014.
- Invited Keynote Speaker and Trainer in the Second Safety Conference that is sponsored by the Ministry of Higher Education in Saudi Arabia, February 2014
- Organized and co-chaired session during SRA 2013 Annual Meeting: Emerging Risk Assessment Challenges and Opportunities for the Developing Countries. Baltimore, MD, December 2013
- Invited Speaker and Trainer at the Eighth Dubai International Food Safety Conference and the International Association for Food Protection's (IAFP) Second Middle East Symposium on Food Safety, Dubai, November 2013
- Invited Key Speaker and Trainer at the Second International Symposium on Chemical Safety, King Saud University, Riyadh, Saudi Arabia, and April 20-21, 2013.
- Organized and co-chaired session during SRA 2012 Annual Meeting: New Directions in Risk Assessment with Roadmap for Success. San Francisco, CA. December 2012
- Invited Key Speaker and Trainer in the Saudi International Environmental Technology Conference, Riyadh, Saudi Arabia, May 2012
- Organized and co-chaired a symposium during the SRA 2011 Annual Meeting: Fulfilling the Potential of EPA's Integrated Risk Information System (IRIS) Program. Charleston, SC December 2011,
- Invited Key Speaker and Trainer in the International Conference on Occupational Health & Safety for Small & Medium-scale Enterprises, Accra Ghana, October 2011.
- Invited Speaker, Environmental Risk Assessment Training Workshop, the 7th Congress of Toxicology in Developing Countries (7CTDC) conference, Sun City, South Africa., 2009.
- Organized and chaired Symposium on Approaches to Cancer Assessment in EPA's Integrated Risk Information System (IRIS) Program, Toxicology and Risk Assessment Conference, Dayton, OH, 2009
- Organized symposium on Risk Assessment for the 21st Century: Role of the Regulator, the Regulated, the Risk Assessor, and the Citizen. of Society of Risk Analysis annual meeting, Baltimore, MD, 2009
- Organized and co-chair, Symposium on Toxicological and Public health challenges in Africa. SOT Annual Meeting, Seattle, WA, 2008.
- Invited Speaker on Food Defense Principles in "Protecting the Middle East's Food Supply from Intentional Contamination", MEPI Food Defense Conference, Cairo Egypt, 2008.
- Co-Chair, Symposium on Perspectives on USEPA's Integrated Risk Information System. Society for Risk Analysis Annual Meeting, Saint Antonio, TX, 2007.

- Invited Speaker, Integrated Risk Information System (IRIS): Challenges and Opportunities, U.S. Army Center for Health Promotion & Preventive Medicine, Directorate of Toxicology, Aberdeen MD, 2007.
- Co-Chair, Roundtable discussion on Advances in Health Assessment in USEPA's Integrated Risk Information, System (IRIS) Program. SOT Annual Meeting, Charlotte, NC, 2007.
- Organized and chaired training workshop on Use of Risk assessment in Food Safety Evaluation, Cairo, Egypt, 2005.

PUBLICATIONS

Journal Abstract, Presentations and Peer Review Publications:

- Fowler, B. Sonawane, A. M. Kadry, and J. Kancherla. Health Risk Assessment Challenges of Handling and Disposal of Electronic Waste (E-waste), Society of Toxicology (online), March 12-27, 2021
- Y. Lin, M. Wright, P. Schlosser, A. Kadry, S. Vulimiri, and S. Ramasamy. Role of Iron Status on Manganese Toxicokinetics in Humans. Society of Toxicology (online). Anaheim, CA. March 15-19, 2020.
- Kadry A, Lin YS, Elfaramawi M, Sonawane BR. The role of vitamin D status in the association of inflammatory risk and albuminuria with polycyclic aromatic hydrocarbon exposures in US adults. Society of Risk Analysis. Arlington, VA. Dec 8-12, 2019.
- Lin, Y.S., Ramasamy, S., Xue, P., Kadry, A. M., Segal, D., Kopylev, L. (2019) Does One Size Fit All? Revisit of the Hair-to-Blood Concentration Ratio for Evaluation of Mercury Exposure. SOT Annual Meeting, March 8-11
- Keteles, K. Kadry A (2018) Risk-Based Investigation on an Accidental Exposure of a Bison Herd to Chlorophacinone. SOT Annual Meeting, March 11-15
- Kadry, A. M., Lin, Y.S., Segal, D. and Sonawane, B. (2016) Role of Chemical Stressors and Aspects of Socioeconomic Status (SES) and Race in Peripheral Arterial Disease in the US Population. SOT Annual Meeting, March 13-17, New Orleans, LA
- Lin, Y.S., Kadry, A. M., Sams R., Cowden J. and Sonawane B (2015) Arsenic Methylation Is Associated with Body Mass Index among US Adults. SOT Annual Meeting, March 22-26, San Diego, CA
- Kadry, A.M., Myers, S., Afriyie-Gyawu, S., Soliman S. and Ahmed M.T. (2014) Recent Challenges beyond the Usual Toxicological and public Health. SOT Annual Meeting, March 23-27, Phoenix, AZ
- Hughes K, Vickers C, Clark B. and Kadry AM (2013) A global collaborative approach to human health risk assessment: the WHO Chemical risk assessment network. SRA Annual Meeting, December 8-11, Baltimore, MD
- Olden K, Vandenberg J, Kadry A, Deener K (2013) Advancing Human Health Risk Assessment at the United States Environmental Protection Agency. Society for Risk Analysis Annual Meeting, Baltimore, MD
- Clark B, Deener K, Cogliano V, Kadry A (2012) EPA's Path Forward for the Integrated Risk Information System Program. Society for Risk Analysis Annual Meeting, San Francisco, CA
- Kadry A, Woodall G M, Reid J (2011) Rapid risk evaluations: applications, challenges and limitations. Society for Risk Analysis Annual Meeting, Charleston, South Carolina
- Kadry A, Federal Microbial Risk Assessment Guideline Working Group (2011) the Development of Microbial Risk Assessment Guideline. SOT 50 Annual Meeting,

Washington, DC

- Gehlhaus MW 3rd, Gift JS, Hogan KA, Kopylev L, Schlosser PM, Kadry AR (2011). Approaches to cancer assessment in EPA's Integrated Risk Information System. *Toxicol Appl Pharmacol.* 15;254(2):170-80.
- Golden NJ, Crouch EA, Latimer H, Kadry AR, Kause J. (2009) Risk assessment for *Clostridium perfringens* in ready-to-eat and partially cooked meat and poultry products. *J Food Prot.* Jul; 72(7): 1376-84.
- Preuss P, Kadry A, Hammerstrom K, Flowers L. (2009): Participation of Stakeholders in EPA's Integrated Risk Information System (IRIS). Society for Risk Analysis Annual Meeting, Baltimore, MD
- Kadry A. M., Hammerstrom K., Strong J., Vandenberg J. (2008): Recent Developments in the US EPA's Integrated Risk Information System. SOT 47 Annual Meeting, Seattle, WA,
- Hammerstrom K., Flowers L., Hogan K., Keshava C., Sams R., Wong D., Kadry A. M., Vandenberg J., (2008): Current Challenges for Carcinogen Risk Assessment. SOT 47 Annual Meeting, Seattle, WA
- Kadry A. M., Preuss P., (2007): USEPA's Integrated Risk Information System (IRIS) Program: Forging Partnerships on Emerging Contaminants. Society for Risk Analysis Annual Meeting, San Antonio, TX
- Kadry A. M., Hammerstrom K., Flowers L., Vandenberg J., Preuss P., (2007) Advances in Health Assessment in US EPA's Integrated Risk Information System. SOT 46 Annual Meeting, Charlotte, NC
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