

Weina - CURRICULUM VITAE
January 2021

I. PERSONAL DATA

FULL NAME: Peter Joseph Weina

RANK/CORPS/SERVICE: Colonel, MC, U.S. Army

DUTY ASSIGNMENT & ADDRESS:

Branch Chief, Research Regulatory Oversight Office, Office of the Under Secretary of Defense (Personnel and Readiness)

and

Director, Office of Research Protections, Defense Health Agency

at

Defense Health Headquarters, 7700 Arlington Boulevard (Room 3M263), Falls Church, Virginia 22042

LinkedIn Account: www.linkedin.com/in/peter-j-weina

II. EDUCATION

UNDERGRADUATE: BS (Zoology); University of Wisconsin-Madison; 1980-84

MEDICAL SCHOOL: MD; F. Edward Hebert SOM; USUHS; 1992-96

OTHER DEGREES: MS (Zoology); University of Wisconsin-Madison; 1984-85

PhD (Zoology & Pathology); University of Wisconsin-Madison; 1985-88

III. POST GRADUATE EDUCATION

INTERNSHIP: Internal Medicine; Tripler Army Medical Center; 1996-97

RESIDENCY: Internal Medicine; Tripler Army Medical Center; 1997-1999

FELLOWSHIP: Infectious Disease; Walter Reed Army Medical Center; 1999-2002

IV. ACADEMIC APPOINTMENTS

Walter Reed Army Institute of Research

I. Walter Reed Tropical Medicine Course; (Director) 2010 – 2014 (Regular Lecturer and Lab Instructor) 2010-2016

II. Tropical Medicine Course (Deputy Director, Lecturer, and Laboratory Instructor) 1989 - 1993

III. Advanced Veterinary Medicine Technician Course (Guest Lecturer and Laboratory Instructor) 1990 - 1991

F. Edward Herbert School of Medicine; Uniformed Services University of the Health Services

- I. Professor – Medicine, 2015–present
- II. Professor – Preventive Medicine and Biometrics, 2015- present
- III. Associate Professor – Preventive Medicine, 2006 - 2015
- IV. Associate Professor – Medicine, 2006 - 2015
- V. Assistant Professor – Preventive Medicine, 1989 - 2006
- VI. Assistant Professor – Medicine, 1999 - 2006

Essex College, Baltimore, Maryland; Department of Biology
Adjunct Assistant Professor; Biology 101, Microbiology, Anatomy & Physiology;
1992 - 1994

George Washington School of Public Health
Guest Lecturer; Tropical Disease Threats; 2001 - 2011
Mentor, Masters in Public Health Students, 2001 - 2011

Walter Reed Army Medical Center
Member and Consultant, Hospital Ethics Committee, 2000 - 2003
Lecturer, Bi-annual Ethics Course, 2000 – 2012

V. OTHER POSITIONS PERTAINING TO CURRENT PROFESSIONAL APPOINTMENT

Member, Antimicrobial Drugs Advisory Committee, Food and Drug Administration, Department of Health and Human Service; 2016 - present

Ad Hoc Voting Member, Pharmacy Compounding Advisory Committee, Food and Drug Administration, Department of Health and Human Services; 2017

VI. MILITARY SERVICE

Current:

Branch Chief, Research Regulatory Oversight Office, Office of the Under Secretary of Defense (Personnel and Readiness),
and

Director, Office of Research Protections, Defense Health Agency; 2019-present

Past:

Chief, Department of Research Programs, Division of Education, Training, and Research, Walter Reed National Military Medical Center, 8901 Rockville Pike, Bethesda, MD 20889; 2014-2019

Deputy Commander/Deputy Director (Chief Operating Officer); Walter Reed Army Institute of Research, Silver Spring, MD; 2011-2014

Medical/Laboratory Director, Leishmaniasis Diagnostics Laboratory, Walter Reed Army

Institute of Research, Silver Spring, MD; 2001-2014
Director, Walter Reed Tropical Medicine Course, Walter Reed Army Institute of Research, Silver Spring, MD; 2010-2014
Director, Combat Wound Initiative, Walter Reed National Military Medical Center, Washington, D.C.; 2013-2015
Director, Division of Viral Diseases, Walter Reed Army Institute of Research, Silver Spring, MD; 2009-2011
Scientific Lead, Integrated Product Team for Intravenous Artesunate, Military Infectious Diseases Research Program and Medical Research and Material Command, Fort Detrick, MD; 2009-2018
Member, Human Use Institutional Review Board, Walter Reed Army Institute of Research, Silver Spring, MD; 2010- 2011
Acting Director, Complex Wound and Limb Salvage Center, Department of Surgery, Walter Reed Army Medical Center, Washington, D.C.; 2009-10
Acting Director, Combat Wound Initiative, Walter Reed Army Medical Center, Washington, D.C.; 2009-10
Chief, Pharmacology, Division of Experimental Therapeutics, Walter Reed Army Institute of Research, Silver Spring, MD; 2001-2009
Chair, Integrated Product Team for the Development of Intravenous Artesunate, Military Infectious Diseases Research Program and Medical Research and Material Command, Fort Detrick, MD; 2005-2009
Commander, 520th Theater Army Medical Laboratory (Forward), Tallil Airbase, Iraq; 2003
Chairman, Severe and Complicated Malaria Drug Development Team, Walter Reed Army Institute of Research, Silver Spring, MD; 2002-2005
Chief, Pathobiology Section; Department of Parasitology; Division of Experimental Therapeutics, Walter Reed Army Institute of Research, Washington, D.C.; 1989-1992
Deputy Director, Tropical Medicine Course, Division of Preventive Medicine, Walter Reed Army Institute of Research, Washington, D.C.; 1989-1993
Chairman and Member, Select Human Use Review Committees, Walter Reed Army Institute of Research, Washington, D.C. 1991-1992
Teaching Assistant; Department of Zoology, University of Wisconsin-Madison; 1984-1988
Chief, Services Section; U.S. Army (Reserves); Madison, Wisconsin; 1986-1988
Medical Laboratory Technician; Methodist Hospital; Madison, Wisconsin; 1982-1984
Medical Laboratory Technician; Veterans Administration Hospital; Madison, Wisconsin; 1980-1982
Crew Chief, EMT, Town of Madison Fire and Rescue, Madison, Wisconsin; 1980-1983
Medical Laboratory Supervisor; U.S. Army (Reserves); Madison, Wisconsin; 1980-1986
Medical Laboratory Technician; U.S. Army; Ft. Hood, Texas; 1977-1980

VII. CERTIFICATION AND LICENSURE

BOARD CERTIFICATIONS:

American Board of Internal Medicine (ABIM); 1999; 2009
Certificate of Knowledge in Tropical Medicine & Hygiene; 2002
ABIM Subspecialty - Infectious Disease; 2006

CURRENT UNRESTRICTED LICENSE/EXPIRATION DATE:

Hawaii; #10127; Exp-01/31/22

CREDENTIALLED and PRIVILEGED:

Internal Medicine and Infectious Diseases at the Walter Reed National Military Medical Center and Fort Belvoir Community Hospital

OTHER TRAINING:

- Research Integrity Officer Boot Camp, ORI, HHS; June 2017
- Level 3 Certified Acquisitions Prof (S&T) – DAU; August 2012
- Contracting Officer Representative Certification – 2007, 2010, 2013
- Collateral Safety Officer Certification – 2006
- Good Clinical Practices Certified – 2005, 2009, 2014
- CBRNE Clinician Course Certification – AIPD; 2005

VIII. MEMBERSHIP IN SCIENTIFIC SOCIETIES\PROFESSIONAL ORGANIZATIONS

American Society of Parasitologists (1985 -1994)
American Society of Tropical Medicine and Hygiene (1988 - present)
Association of Military Surgeons of the United States (Lifetime Member)
Walter Reed Army Institute of Research Association (1996 - 2014)
American College of Physicians (1996 - present)
Infectious Disease Society of America (1999 - present)
Greater Washington Infectious Disease Society (1999 - 2003)
Armed Forces Infectious Diseases Society (Lifetime Member)
Special Operations Medical Association (2008 - 2014)

Editorial Board for:

International Scholarly Research Network (Tropical Medicine)

Regular Reviewer for:

Lancet
American Journal of Tropical Medicine and Hygiene
Transactions of the Royal Society of Tropical Medicine & Hygiene
Clinical Infectious Diseases
Emerging Infectious Diseases

XIV. HONORS AND AWARDS

BEYA Modern Day Technology Leader Award (2020)
Uniformed Services University of the Health Sciences Alumni Association Lifetime Achievement Award (2015)
Major Jonathan Letterman Medical Excellence Award (2014)
The Colonel George W. Hunter III Certificate (2011)
"A" proficiency designator (2011)
Fellow – Infectious Diseases Society of America (2010)
CDC Silo Buster's Collaborative Award of Excellence (2008)
Fellow – American College of Physicians (2007)
Order of Military Medical Merit (2003)
Montgomery County Fire Fighters Citizen of the Year Award (2001)
Tripler AMC Department of Nursing Award for Excellence (1996)
CAPT Richard R. Hooper Preventive Medicine Award (1996)
Association of Military Surgeons Excellence in Military Medicine Award (1996)
Association of Military Surgeons Outstanding Medical Student Award (1996)
Meadox Prize for Medical History (1994)
Sigma Xi Honor Society (1985)
Phi Eta Sigma Honor Society (1981)

Legion of Merit
Soldier's Medal (for Heroism)
Bronze Star
Defense Meritorious Service Medal
Meritorious Service Medal (1 Oak Leaf Cluster)
Army Commendation Medal (3 Oak Leaf Clusters)
Army Achievement Medal (5 Oak Leaf Clusters)
Good Conduct Medal
National Defense Service Medal (1 bronze star device)
Armed Forces Reserve Medal
Army Reserve Achievement Medal
Noncommissioned Officer Professional Development Ribbon (3)
Army Service Ribbon
Army Overseas Ribbon
Global War on Terrorism Expeditionary Medal
Global War on Terrorism Service Medal
Expert Field Medical Badge
Drivers Badge
USUHS Commendable Service Medal

XVI. BIBLIOGRAPHY

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73. Sosa N, Pascale JM, Jimenez AI, Norwood JA, Kreishman-Detrick M, **Weina PJ**, Lawrence K, McCarthy WF, Adams RC, Scott C, Ransom J, Tang D, Grogl M. 2019 Topical paromomycin for New World cutaneous leishmaniasis. *PLoS Negl Trop Dis*. 2019 May 2; 13(5)
72. Evers DL, Frye FA, **Weina PJ**. 2018 A simple empirical algorithm to distinguish among *Leishmania braziliensis*, major, and tropica species by MALDI-TOF mass spectrometry. *J Microbiol Methods*. May; 148:46-48
71. **Weina PJ**, Brooks S. 2017 Letter to the editor regarding the article "The use of Psychiatric Electroencephalography Evaluations Registry (PEER) to personalize pharmacotherapy". *Neuropsychiatr Dis Treat*. Oct 4; 13:2527-2530
70. Aronson N, Herwaldt BL, Libman M, Pearson R, Lopez-Velez R, **Weina P**, Carvalho EM, Ephros M, Jeronimo S, Magill A. 2016 Diagnosis and Treatment of Leishmaniasis: Clinical Practice Guidelines by the Infectious Diseases Society of America (IDSA) and the American Society of Tropical Medicine and Hygiene (ASTMH) *Clin Infect Dis*. 63 (12) e202-e264
69. Teja-Isavadharm P, Siriyanonda D, Rasameesoraj M, Limsalakpeth A, Chanarat N, Komcharoen N, **Weina PJ**, Saunders DL, Gettayacamin M, Scott Miller R. 2016 Comparative pharmacokinetics and pharmacodynamics of intravenous artelinate versus artesunate in uncomplicated *Plasmodium coatneyi*-infected rhesus monkey model. *Malar J*. 2016 Sep 6; 15:453
68. **Weina PJ**. 2016 Military Medicine Regulatory "Delays"... Not as Bad as Advertised. *Am J Bioethics* 2016 Aug;16(8):38-9
67. Li Q, Remich S, Miller SR, Oqutu B, Otieno W, Melendez V, Teja-Isavadharm P, **Weina PJ**, Hickman MR, Smith B, Polhemus M. 2014 Pharmacokinetic evaluation of intravenous artesunate in adults with uncomplicated falciparum malaria in Kenya: a phase II study. *Malar J*. 2014 Jul 22; 13(1):281
66. Beaumier CM, Gomez-Rubio AM, Hotez PJ, **Weina PJ**. 2013 United States Military Tropical Medicine: Extraordinary Legacy, Uncertain Future. *PLOS Negl Trop Dis*. 2013 Dec; 7(12):e2448

65. Cohen R, Feghali K, Alameyhu S, Komisar J, Hang J, **Weina PJ**, Coggeshall P, Kamau E, Zapor M. 2013 Use of qPCR and Genomic Sequencing to Diagnose *Plasmodium ovale wallikeri* Malaria in a Returned Soldier in the Setting of a Negative Rapid Diagnostic Assay. *Am J Trop Med Hyg.* 2013 Jul 8
64. Scott W, **Weina PJ**. 2013 Texting away malaria: a new alternative to directly observed therapy. *Mil Med.* 2013 Feb; 178(2):e255-9
63. Osakwe NM, Paulus A, Haggerty PF, Wood RA, Becker SJ, **Weina PJ**, Dolan MJ, Prakash V.. 2013 Visceral leishmaniasis with associated immune dysregulation leading to lymphoma. *Mil Med.* 2013 Mar; 178 (3): e386-9
62. Zhang P, Gao X, Ishida H, Amnuaysirikul J, **Weina PJ**, Grogl M, O'Neil MT, Li Q, Caridha D, Ohrt C, Hickey, Mahill AJ, Ray P. 2013 An In vivo Drug Screening Model Using Glucose-6-Phosphate Dehydrogenase Deficient Mice to Predict the Hemolytic Toxicity of 8-Aminoquinolines. *Am J Trop Med Hyg.* 2013 Mar 25
61. Antonic V, Stojadinovic A, Kester KE, **Weina PJ**, Brucher BL, Protic M, Avital I, Izadjoo M. 2013 Significance of infectious agents in colorectal cancer development. *J Cancer* 2013; 4(3):227-40
60. Miller RS, Li Q, Cantilena LR, Leary KJ, Saviolakis GA, Melendez V, Smith B, **Weina PJ**. 2012 Pharmacokinetic profiles of artesunate following multiple intravenous doses of 2, 4, and 8 mg/kg in healthy volunteers: Phase 1b study. *Malar J.* 2012 Aug 1; 11:255
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53. Teja-Isavadharm P, Siriyanonda D, Siripokasupkul R, Apinan R, Chanarat N, Lim A, Wannaying S, Saunders D, Fukuda M, Miller RS, **Weina P**, Melendez V. 2010 A simplified Liquid Chromatography-Mass Spectrometry Assay for Artesunate and Dihydroartemisinin, Its Metabolite, in Human Plasma. *Molecules* 15, 8747-8768
52. Qigui Li and **Peter J. Weina** 2010 Artesunate: The Best Drug in the Treatment of Severe and Complicated Malaria. *Pharmaceuticals* 3, no. 7:2322-2332
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48. Qigui Li and **Peter J. Weina** 2010 Severe Embryotoxicity of Artemisinin Derivatives in Experimental Animals, but Possibly Safe in Pregnant Women (Review). *Molecules* 15: 40-57
47. Li Q., Si Y., Xie L., Zhang J., and **Weina P**. 2009 Severe embryoletality of artesunate related to pharmacokinetics following intravenous and intramuscular doses in pregnant rats. *Birth Defects Res B Dev Reprod Toxicol*. Oct; 86(5):385-93.
46. Li Q, Louis R. Cantilena, Kevin J. Leary, George A. Saviolakis, R. Scott Miller, Victor Melendez, and, **Weina PJ**. 2009 Pharmacokinetic profiles of artesunate following single intravenous dose are 0.5, 1, 2, 4, and 8 mg/kg in healthy volunteers: Phase I study. *Am J Trop Med Hyg*. Oct; 81(4):615-21

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44. Xie LH, Li Q, Zhang J. **Weina PJ.** 2009 Pharmacokinetics, tissue distribution and mass balance of radiolabeled dihydroartemisinin in male rats. *Malar J.* May 26;8(1):112.
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42. Li Q, Xie L, Zhang J, **Weina PJ.** 2008 The distribution of intravenous[(14)C] artesunate in rat tissues by quantitative whole-body autoradiography and tissue dissection techniques. *J Pharm Biomed Anal.* Nov 4;48(3):876-84
41. Li Q, Si Y, Smith KS, Zeng Q, **Weina PJ.** 2008 Embryotoxicity of artesunate in animal species related to drug tissue distribution and toxicokinetic profiles. *Birth Defects Res B Dev Reprod Toxicol.* Jul 17
40. Arguin PM, **Weina PJ,** Dougherty CP. 2008 Artesunate for malaria. *N Engl J Med.* Jul 17;359(3):313; author reply 314-5.
39. **Weina, P.J.** 2008 Artemisinins from Folklore to Modern Medicine – Transforming an Herbal Extract to Life-Saving Drugs. *Parassitologia* 50:25-29
38. Gu Y, Li Q, Melendez V, **Weina P.** 2008 Comparison of HPLC with electrochemical detection and LC-MS/MS for the separation and validation of artesunate and dihydroartemisinin in animal and human plasma. *J Chromatogr B Analyt Technol Biomed Life Sci.* May 15;867(2):213-8. Epub 2008 Apr 20.
37. Lucey C, **Weina PJ.** 2007 Applying the STARD (Standards for Reporting of Diagnostic Accuracy) checklist to the 2007 Transfusion article 'Evaluation of a new enzyme-linked immunosorbent assay for detection of Chagas antibody in US blood donors'. *Trans R Soc Trop Med Hyg.* Feb;102(2):155-60. Epub 2007 Dec 20.
36. Si Y, Li Q, Xie L, Bennett K, **Weina PJ,** Mog S, Johnson TO. 2007 Neurotoxicity and toxicokinetics of artelinic acid following repeated oral administration in rats. *Int J Toxicol.* Sep-Oct; 26(5):401-10
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34. Myles O, Wortmann GW, Cummings JF, Bartel RV, Patel S, Crum-Cianflone NF, Negin NS, **Weina PJ**, Ockenhouse CF, Joyce DJ, Magill AJ, Aronson NE, and Gasser RA Jr. 2007 Visceral Leishmaniasis: Clinical Observations in 4 US Army Soldiers Deployed to Afghanistan or Iraq, 2002-2004. *Arch Intern Med.* Sep. 167(17):1899-1901
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32. Li Q, Xie LH, Johnson TO, Si Y, Haeberle AS, and **Weina PJ**. 2007 Toxicity evaluation of artesunate and artelinate in Plasmodium berghei-infected and uninfected rats. *Trans R Soc Trop Med Hyg.* Feb;101(2):104-12. Epub 2006 Jul 21.
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29. Qigui Li, Wilbur K. Milhous, and **Peter J. Weina**. 2006 Fatal neurotoxicity of the artemisinin derivatives is related to drug pharmacokinetic profiles in animal species. *Current Topics in Toxicology*, Vol 3: 1-16
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21. **Weina, P.J.**, Neafie, R. Wortmann, G., Polhemus, M., and Aronson, N.E. 2004. Invited Review – Old World Leishmaniasis: an emerging infection among deployed U.S. military and civilian workers. *Clin Infect Dis.*, 39 (1Dec), 1674-1680
20. **Weina, P.J.** (Project Lead) 2004. Investigational New Drug Application to the U.S. Food and Drug Administration (U.S. FDA) for the clinical development of Intravenous Artesunate to treat severe and complicated malaria. Submitted to and accepted by the U.S. FDA in November 2004.
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17. Halsey ES, Bryce LM, Wortmann GW, **Weina PJ**, Ryan JR, and DeWitt CC. 2004. Visceral Leishmaniasis in a Soldier Returning from Operation Enduring Freedom. *Mil Med.*, 169, 9:699-701
16. O Myles, G Wortmann, R Barthel, C Okenhouse, R Gasser, **P Weina**, S Patel, N Crum, H Groff, BL Herwaldt 2004 Two Cases of Visceral Leishmaniasis in U.S. Military Personnel – Afghanistan, 2002-2004. *MMWR* 53(12): 265-268
15. N Aronson, M Ananthakrishnan, W Bernstein, L Hockberg, M Marovich, C Ockenhouse, I Yoon, **P Weina**, P Benson, J Fisher, D Hack, C Hawkes, M Polhemus, G Wortmann, P McEvoy, R Neafie, R Defraites, BL Herwaldt 2004 Update: Cutaneous Leishmaniasis in U.S. Military Personnel – Southwest/Central Asia, 2002-2004. *MMWR* 53(12): 264-265
14. N Aronson, R Coleman, P Coyne, E Rowton, D Hack, M Polhemus, G Wortmann, K Cox, **P Weina**, BL Herwaldt 2003 Cutaneous Leishmaniasis in U.S. Military Personnel --- Southwest/Central Asia, 2002—2003. *MMWR* 52(42);1009-1012

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12. Doan, N.M., Keiser, P., Bates, R.A, **Weina, P.J.**, and Lucey, R. 2002. A 33-year-old Woman From Nigeria with Eosinophilia. *Clin Infect Dis.*, 35 (10): 1204, 1263-4.
11. **Weina P.J.**, 1998. From Atabrine in World War II to Mefloquine in Somalia: The Role of Education in Preventive Medicine. *Mil Med*, 163, 9:635-639
10. Gardner D.J., J.A. Davis, **P.J. Weina**, and B. Theune, 1995. Comparison of Tribromoethanol, Ketamine/Acetylpromazine, Telazol/Xylazine, Pentobarbital, and Methoxyflurane Anesthesia in HSD:ICR Mice. *Lab Animal Science*, 45 (2), 199-204
9. Brewer T.G., S.J. Grate, J.O. Peggins, **P.J. Weina**, J.M. Petras, B.S. Levine, M.H. Heiffer, and B.G. Schuster, 1994. Fatal Neurotoxicity of Arteether and Artemether. *Am. J. Trop. Med. Hyg.*, 51 (3), 251-259
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7. **Weina, P. J.** 1993. Parasites: Are You Ready for the Challenge? *J. Mil. Med. Stu. Assoc.*, 6(3), 29-30
6. Swearengen J.R., R.A. Cockman-Thomas, J.A. Davis, and **P.J. Weina**, 1993. Evaluation of Butorphanol Tartrate and Buprenorphine Hydrochloride on the Inflammatory Reaction of the Sereny Test. *Lab. Anim. Sci.*, 43(5), 471-475
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