

CURRICULUM VITAE

John Hartung, Ph D

Professor

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EDUCATION

- 1973 University of Pennsylvania – Philadelphia, PA
Degree: Bachelor of Arts
- 1981 Harvard University – Cambridge, MA
Degree: Doctor of Philosophy

APPOINTMENTS

- 1976-1981 Teaching Fellow, Departments of Biology and Anthropology, Harvard University
- 1981-1982 Medical Laboratory Technician, Department of Anesthesiology, SUNY Downstate
- 1982-1984 Instructor, Department of Anesthesiology, SUNY Downstate
- 1984-1994 Assistant Professor of Anesthesiology, SUNY Downstate
- 1989-2017 [Associate Editor, Journal of Neurosurgical Anesthesiology](#)
- 1994-2012 Associate Professor, Department of Anesthesiology, SUNY Downstate
- 2012-present Professor, Department of Anesthesiology, SUNY Downstate

INSTITUTIONAL SERVICE

- 1991 - 2008 Institutional Animal Care and Use Committee
- 1998 - 2008 Chair, Institutional Animal Care and Use Committee
- 2004 - 2014 Professional Development Committee
- 2009 - 2014 Executive Committee of the College of Medicine: Subcommittee on Faculty and Professional Staff Personnel Policies, Promotions and Appointments
- 2014 - 2017 Institutional Biosafety Committee
- 2014 - Present Scholarly Oversight Committee, Department of Anesthesiology
- 2016 - Present Scholarly Oversight Committee Meeting Co-Chair, Department of Anesthesiology

TEACHING

- 1968 - 1970 United States Peace Corp – Ethiopia, Rural Development
- 1976 – 1981 Harvard University – Cambridge, MA, Anthropology and Biology
- 1982 - Present SUNY Downstate Medical Center – Brooklyn, NY, Statistics, Research Design, Reading and Doing Medical Research

INVITED LECTURES

- 1979 *Natural Selection and Inheritance of Wealth.*
Biology Department, Amherst College – Amherst, MA
- 1980 *Polygyny and Inheritance of Wealth.*
Biology Department, Amherst College – Amherst, MA
- 1981 *Polygyny and Inheritance of Wealth.*
Department of Anthropology, Vanderbilt University – Nashville, TN
- 1982 *Succinylcholine and Intracranial Pressure in Cats.*
American Society of Anesthesiologists Annual Meeting – Las Vegas, NV
- 1983 *Intracranial Pressure and Cerebral Blood Flow During Tetrodotoxin-Induced Hypotension.* American Society of Anesthesiologists Annual Meeting – Atlanta, GA
- 1984 *Probability of Paternity vs. Grandmaternity*
Simian Seminar - Harvard University – Cambridge, MA
- Spotting Weak Statistical Inferences.*
New York State Society of Anesthesiologists Postgraduate Assembly – New York, NY
- 1985 *Matrilineal Inheritance: New Theory and Analysis.*
Simposio Modelos Biologicos de la Accoin Humana – University de Palma de Mallorca — Mallorca, Spain
- Does Nitrous Oxide Preclude the Protective Effect of Barbiturates?*
American Society of Anesthesiologists Annual Meeting – San Francisco, CA
- Clitoridectomy, Lineality, and Parental Investment.*
Department of Anthropology, University of California – Davis, CA
- 1986 *Do These Numbers Make Sense? Guidelines for the Non-Statistician.*
New York State Society of Anesthesiologists Postgraduate Assembly – New York, NY
- 1988 *Checking Statistical Inferences.*
Workshop in Anesthesia - Brookdale Hospital Medical Center – Brooklyn, NY
- Reading the Literature: Guidelines for the Non-Statistician.*
New York Medical College – Valhalla, NY
- Sociology and Psychopathology.*
Human Evolution & Behavior Society Annual Meeting – University of Michigan - Ann Arbor, MI

INVITED LECTURES (Continued)

- 1989 *Confidence Limits and When to Limit Confidence.*
Department of Anesthesiology Lecture Series - L.I. Jewish Medical Center
– New Hyde Park, NY
- Guidelines for Non-Statisticians.*
New York State Society of Anesthesiologists Postgraduate Assembly – New York, NY
- 1990 *Guidelines for the Non-Statistician.*
Workshop in Anesthesia - Brookdale Hospital Medical Center – Brooklyn, NY
- 1991 *Paraben Preservatives Do Not Cause Increased Intracranial Pressure in Cats.*
American Society of Anesthesiologists Annual Meeting – Washington, DC
- 1992 *Statistical False Negatives.*
Workshop in Anesthesia - Brookdale Hospital Medical Center – Brooklyn, NY
- 1993 *Prospects for Morality.*
Human Behavior & Evolution Society Annual Meeting - SUNY – Binghamton, NY
- Cuckoldry, Seduction and Rape in the Torah, Talmud, and Midrash Rabbah.*
Evolution & Human Behavior Seminar Series - University of Michigan – Ann Arbor, MI
- Statistical Anesthesia - A New Way to Put People to Sleep.*
Workshop in Anesthesia - Brookdale Hospital Medical Center – Brooklyn, NY
- Propofol Elevates or Eliminates the Threshold for Lidocaine-Induced Seizures in Rats.*
American Society of Anesthesiologists Annual Meeting – Washington, DC
- 1994 *Love Thy Neighbor: The Anatomy of In-Group Morality.*
Biology Department, Amherst College – Amherst, MA
- Absence of Evidence is not Evidence of Absence.*
Workshop in Anesthesia - Brookdale Hospital Medical Center – Brooklyn, NY
- 1995 *Nitrous Oxide Increases the Incidence of Emesis.*
69th Annual Meeting of the International Anesthesia Research Society – Honolulu, HI
- A Light Unto the Nations: Judeo-Christianity, Morality, and Group Selection.*
Plenary Address. Human Behavior & Evolution Society Annual Meeting – Santa
Barbara, CA
- Type I Errors -- Statistical False Positive Inferences.*
Workshop in Anesthesia - Brookdale Hospital Medical Center – Brooklyn, NY

INVITED LECTURES (Continued)

- 1996 *Research Development in Neuroanaesthesia: The Importance of the Question.*
11th World Congress of Anesthesiologists – Sydney, Australia.
- Prospects for Morality: God, Women, and Evolution.*
The Skeptics Society Annual Conference – Pasadena, CA
- 1997 *The Bible -- What Bill Moyers and the Chattering Class Won't Tell You.*
Biology Department, Amherst College – Amherst, MA
- 2000 *Brain Care In The New Millennium: Will Anything Change?*
Second International Update on Neuro-Anesthesia & Neuro-Critical Care - EURO
NEURO 2000 – Genk, Belgium
- Reading The Neuro Literature: Prospecting for Gold.*
Second International Update on Neuro-Anesthesia & Neuro-Critical Care, EURO
NEURO 2000 – Genk, Belgium
- 2003 Humanity's Long-term Future Will Result From Intentional, Intelligent Human Design.
Humanity 3000 Seminar No. 4 – Foundation for the Future – Bellevue, WA
- 2004 *Statistics: A Guide for the Perplexed.*
Refresher Course Lecture, American Society of Anesthesiologists Annual Meeting –
Las Vegas, NV
- 2005 *False Positive Inferences and the State of the Literature.*
Columbia University College of Physicians & Surgeons – New York, NY
- Absence of Evidence Is Not Evidence of Absence: Statistical Power and the
State of the Literature.*
Nederlandse Vereniging Voor Anesthesiologie – Amsterdam, The Netherlands
- The Importance of the Question: A Lesson from La Belle Otero.*
Nederlandse Vereniging Voor Anesthesiologie – Amsterdam, The Netherlands
- The Importance of the Question: A Lesson from La Belle Otero.*
University of Utrecht – Utrecht, The Netherlands
- Statistics: When to Suspect a False Negative Inference.*
Refresher Course Lecture, American Society of Anesthesiologists Annual Meeting –
Atlanta, GA
- 2007 *Statistics: False Positive Inferences and the State of the Literature.*
Long Island College Hospital, Brooklyn, NY

INVITED LECTURES (Continued)

- 2008 *Bias, or Gambling On the Outcome: a lesson from La Belle Otero.*
EURO NEURO 2008, Maastricht, The Netherlands
- 2008 *Think Confidence Intervals, Not Power Analysis After The Data Are In*
— *an explanation using two recently published studies.* Annual Meeting of
the Society Neurosurgical Anesthesia and Critical Care — Orlando, FL
- 2009 *Year's Best Articles in Neuroanesthesia and Neurocritical care Medicine.*
Plenary Symposium at the Annual Meeting of the Society Neurosurgical Anesthesia and
Critical Care — New Orleans, LA
- 2010 *Solve The Controversy: Yes, We Can.* Plenary Symposium on Brain Protection at
EURO NEURO 2010 — Porto, Portugal
- 2011 *Reading and Doing Medical Research: An Insight from Augustina Otero.*
Montefiore Medical Center, Department of Anesthesiology — New York, NY
- When Will We Have General-Purpose Neuroprotection?*
2nd Conference of the Asian Society for Neuroanesthesia and Critical Care &
12 Annual Conference of the Indian Society of Neuroanaesthesiology and Critical Care.
—New Delhi, India
- Reading and Doing Medical Research: An Insight from Augustina Otero.*
XI Annual NeuroMeeting — Siena, Italy
- 2012 *Be Driven by a Question, Not by an Answer.*
EuroNeuro 2012 — Vienna, Austria
- To Prepare a Publishable and VALID Manuscript, Do Research that is Driven*
by a Question. Annual Meeting of the Society for Neuroscience in Anesthesiology
and Critical Care — Washington, D.C.
- 2013 *The Devil In The Details.* Oxford Symposium on Religious Studies —
Oxford University, Oxford, United Kingdom.
- 2014 How and Why We Need to Fix the Medical Literature — 15th National Conference
of the Indian Society of Neuroanaesthesiology and Critical Care, Jaipur, India.
- How To Fix Medical Research. EURO NEURO 2014 — Istanbul, Turkey
- 2016 Reading and Doing Neuroscience Research EURO NEURO 2016 — Barcelona, Spain
- 2017 Reading & Doing Medical Research: Problem, Solution and An Insight From
Augustina Otero. Union County College, Trinitas School of Nursing — Elizabeth, NJ

INVITED LECTURES (Continued)

- 2017 Reading & Doing Neuroscience Research: Problem, Solution and An Insight From Augustina Otero. Plenary Lecture at the Annual Meeting of the Society for Neuroscience in Anesthesia and Critical Care — Boston, MA
- 2018 Reading & Doing Medical Research: Problem, Solution and An Insight From Augustina Otero. Union County College, Trinitas School of Nursing — Elizabeth, NJ
- 2019 Reading & Doing Medical Research: Problem, Solution and An Insight From Augustina Otero. College of Saint Elizabeth, Morristown, New Jersey.
- 2020 Reading & Doing Medical Research. 17th World Congress of Anaesthesiologists, Prague, Czech Republic [Delayed to 2021 because of Covid-19 pandemic.]

PUBLICATIONS

1. Hartung, J. On Natural Selection and the Inheritance of Wealth. *Current Anthropology*, 17:607-22, 1976. ARTICLE
2. Hartung, J., Ellison P. A Eugenic Effect of Medical Care. *Social Biology*, 24:192-99, 1977. ARTICLE
3. Hartung, J. An Implication about Human Mating Systems. *Journal of Theoretical Biology*, 66:737-45, 1977. ARTICLE
4. Hartung, J. Light, Puberty, and Aggression: a Proximal Mechanism Hypothesis. *Human Ecology*, 6:273-98, 1978. ARTICLE
5. Hartung, J. Parent-Offspring Conflict – A Retraction. *Journal of Theoretical Biology*, 87:815-17, 1980. LETTER
6. Hartung, J. The Geneticness of Traits: Beyond $V_p = V_g + V_{ge} + COV_{ge} + V_e$. *Current Anthropology*, 21:131-32, 1980. LETTER
7. Hartung, J. Paternity and Inheritance of Wealth. *Nature*, 291: 652-54, 1981. ARTICLE
8. Hartung, J. Genome Parliaments and Sex with the Red Queen. In: Alexander, R.D., Tinkle, D. W., Eds. *Natural Selection and Social Behavior: Recent Research and New Theory*. New York: Chiron Press, 1981, 382-402. BOOK CHAPTER
9. Tomberline T.J., Green P.J., Hartung, J. A Correction for Diffusion: a Loglinear Approach to Galton's Problem. *Proceedings of the American Statistical Association, Social Science Section*: 365, 1981. ARTICLE
10. Hartung, J. Might Cancer Be a Failed Response to Renegade Mitochondria? *Journal of Theoretical Biology*, 94:173-78, 1982. ARTICLE
11. Hartung, J. Carcinogenesis and Post-Hoc Conclusions from Cybrids. *Journal of Theoretical Biology*, 97:715-16, 1982. LETTER
12. Hartung, J. Polygyny and Inheritance of Wealth. *Current Anthropology*, 23:1-12, 1982 (see also 23:3:334-35, and for support of empirical finding, see Mace, R. & Pagel, M. Tips, branches, and nodes: seeking adaptation through comparative studies. In: L. Betzig, Ed. *Human Nature: a Critical Reader*. New York: Oxford University Press, 1997). ARTICLE
13. Hartung, J. Comment: Reply to Gray and Wolfe. *Ethology and Sociobiology*, 3:101, 1982. LETTER
14. Wolf, G.L, Capuano, C., Hartung, J. Nitrous Oxide Increases Intraocular Pressure after Sulphur Hexafluoride. *Anesthesiology*, 58:298-300, 1983. ARTICLE

PUBLICATIONS (Continued)

15. Cottrell, J.E., Hartung, J., Giffin J.P., Shwiry, B. Intracranial and Hemodynamic Changes after Succinylcholine in Cats. *Anesthesia and Analgesia*, 62:1006-09, 1983. ARTICLE
16. Giffin, J.P., Cottrell, J.E., Hartung, J., Shwiry, B. Intracranial Pressure During Nifedipine-induced Hypotension. *Anesthesia and Analgesia*, 62:1078-80, 1983. ARTICLE
17. Hartung, J., Cottrell, J.E., Giffin, J.P. Absence of Evidence is not Evidence of Absence. *Anesthesiology*, 58:298-300, 1983. LETTER
18. Hartung, J. In Defense of Murdock: A Reply to Dickeman. *Current Anthropology*, 24:125-26, 1983. LETTER
19. Giffin J.P., Cottrell, J.E., Shwiry, B., Hartung, J., Epstein J., Lim, K. Intracranial Pressure, Mean Arterial Pressure and Heart Rate Following Midazolam or Thiopental in Humans with Brain Tumors. *Anesthesiology* 60:491-94, 1984. ARTICLE
20. Fyman, P.N., Hartung, J., Weinberg, S., Stackhouse, J. Prevalence of Hepatitis B Markers in the Anesthesia Staff of a Large Inner-City Hospital. *Anesthesia and Analgesia*, 63:433-36, 1984. ARTICLE
21. Fyman, P.N, Triner, L., Schranz, H., Hartung, J., Casthely, P.A., Abrams, L.M, Keaney, A.E., Cottrell, J.E. Effect of Volatile Anaesthetics on Nitrous Oxide-Fentanyl Anesthesia on Bleeding Time. *British Journal of Anaesthesia*, 56: 1197-1200, 1984. ARTICLE
22. Cottrell, J.E., Hartung, J., Giffin, J.P., Shwiry, B. Intracranial Pressure During Tetrodotoxin-induced Hypotension. *Anesthesia and Analgesia*, 63:1005-09, 1984. ARTICLE
23. Hartung, J. The Sociobiology of Sex and Sexes Today. *Current Anthropology* 25:202-203, 1984. INVITED COMMENT
24. Hartung, J., Cottrell, J.E. Succinylcholine and Intracranial Pressure: Reply to Lam and Gelb. *Anesthesia and Analgesia*, 63:620-22, 1984. LETTER
25. Wolf, G.L., Hartung, J., Capuano, C. Replies to Thaller, Merhige, Lincoff, and Poznack. *Archives of Ophthalmology*, 103:1272-74, 1984. LETTER
26. Hartung, J. Heritable I.Q. – A Reason to Bother. Scientific Correspondence *Nature*, 311:515-16, 1984 . LETTER
27. Hartung, J. Blood Group and Socioeconomic Class. *Nature*, 309:398, 1984. LETTER
28. Giffin, J.P., Hartung, J., Cottrell, J.E, Litwak, B., Capuano, C. Intracranial Pressure, Mean Arterial Pressure, and Heart Rate after Rapid Paralysis with Artracurium in Cats. *Canadian Anesthesiology Society Journal*, 32: 618-21, 1985. ARTICLE

PUBLICATIONS (Continued)

29. Mazzoni, P., Giffin J.P., Cottrell, J.E., Hartung, J., Capuano, C., Epstein J.M. Intracranial Pressure and Cardiac Rhythm Disturbances During Diltiazem-induced Hypotension. *Anesthesia and Analgesia*, 65:1001-04, 1985. ARTICLE
30. Hartung, J. Eusocial Coprophagous Diploids -- Who Is Reproducing? *Journal of Theoretical Biology*, 114:9, 1985. ARTICLE
31. Hartung, J. Review of *Incest: A Biosocial View* by J. Shepher. *American Journal of Physical Anthropology*, 67:167-71, 1985. BOOK REVIEW
32. Hartung, J. The Holocaust. *Harvard Magazine*, July – August 1985. LETTER
33. Hartung, J. The Nose Knows. *Nature*, 316:290, 1985. LETTER
34. Hartung, J. Comment on Darwinian Selection, Symbolic Variation, and the Evolution of Culture. *Current Anthropology*, 26:82, 1985. INVITED COMMENT
35. Cottrell J.E., Hartung, J. Cerebral Vascular Responses to Hypocapnia during Nitroglycerine-induced Hypotension. *Neurosurgery*, 16:472, 1985. INVITED COMMENT
36. Hartung, J. Viscosity, Noses, and I.Q. *Nature*, 314:398, 1985. LETTER
37. Hartung, J. Polygyny, Bride-Price, Inheritance, and Oedipus. In: Vogler, G., Welk, K., eds. *The Bride: Given Away, Sold, Bartered, Stolen*. Koln: Rautenstrauch-Joest Museum, 1985, 794-97. BOOK CHAPTER
38. Hartung, J. Matrilineal Inheritance: New Theory and Analysis. *Behavioral and Brain Science*, 8:661-68, 1985. ARTICLE
39. Wolf G.L., Capuano, C., Hartung, J. The Effect of Nitrous Oxide on Arterial Chamber Gas Bubble Volume. *Archives of Ophthalmology*, 103:418, 1985. ARTICLE
40. Fyman, P.N., Hartung, J. Casthely, P.A., Abrams, L.A., Schneider, A., Weinberg, S. Hemodynamic Effects of Metocurine during Isoflurane Anesthesia. *Acta Anaesthesiologica Scandinavica*, 30:70-71, 1986. ARTICLE
41. Giffin J.P, Hartung, J., Cottrell, J.E., Capuano, C., Shwiry B. Effect of Vecuronium on Intracranial Pressure, Mean Arterial Pressure, and Heart Rate on Cats. *British Journal of Anesthesiology*, 58:44-43, 1986. ARTICLE
42. Hartung, J. Proximate Mechanisms and Distal Objectives. *Behavior Brain Science*, 9:196, 1986. INVITED COMMENT
43. Hartung, J., Cottrell, J.E. Nitrous Oxide Reduces Thiopental-induced Prolongation of Survival in Hypoxic and Anoxic Mice. *Anesthesia and Analgesia*, 66:47-52, 1987. ARTICLE

PUBLICATIONS (Continued)

44. Hartung, J., Cottrell, J.E. Nitrous Oxide is no Gas to laugh at. *The Forum (SNACC News)*, Winter, 1987. INVITED COMMENT
45. Hartung, J. Non-Heritable Genetic Differences. *Behavior Brain Science*, 10:25, 1987. INVITED COMMENT
46. Gotta, A.W., Capuano, C., Hartung, J., Sullivan, C.A., Sheinbaum, R. Calcium Blockers Inhibit Human Platelet Aggregation. *N Y State J Med*, 88:132-33, 1988. ARTICLE
47. Karlin, A.D., Hartung, J., Cottrell, J.E. Rate of Induction of Hypotension with Trimethaphan Modifies the Intracranial Pressure Response in Cats. *Brit J Anesth*, 60:161-66, 1988. ARTICLE
48. Hartung, J. A Disciplinary Matter. *Nature*, 336:418, 1988. LETTER
49. Hartung, J. Deceiving Down: Conjectures on the Management of Subordinate Status. In: Lockard, J. & Paulus, D., Eds. *Self-Deceit: An Adaptive Mechanism*. Englewood Cliffs: Prentice-Hall Co, 1988, 170-185. BOOK CHAPTER
50. Hartung, J. Testing Genetic Similarity: Out of Control. *Behavior Brain Sci*, 12:529, 1989. INVITED COMMENT
51. Hartung, J. Too Many P's in the Pod. *Behavior Brain Science*, 12:23, 1989. INVITED COMMENT
52. Cottrell, J.E., Hartung, J. On the Need for a New Journal. *Journal of Neurosurgical Anesthesiology*, 1:1-2, 1989. EDITORIAL
53. Hartung, J., Cottrell, J.E. On Hot Mice, Cold Facts, and Would-be Replication. *Anesthesia Analgesia*, 69:408, 1989. LETTER
54. Hartung, J. Eilat. *New York Times*, January 8, 1989. LETTER
55. Hartung, J. On High Fashion and Low Power in Anesthesiology Research. *J Neurosurg Anesth*, 3:83-84, 1991. EDITORIAL
56. Pompy, L., Karlin, A., Capuano, C.M., Cottrell, J.E, Hartung, J. Paraben Preservatives Do Not Cause Increased Intracranial Pressure in Cats. *Anesthesiology*, 75:669-72, 1991. ARTICLE
57. Mihm, F.G., Cottrell, J.E., Hartung, J., Kass, I.S., Bendo, A.A., Abramowicz, A.E. Cerebral Damage and Pharmacologic Intervention. In: Newfield, P. and Cottrell, J.E. *Handbook of Neuroanesthesia: Clinical and Physiologic Essentials*. (2nd Ed.) Little, Brown & Co, 1991, 59-102. BOOK CHAPTER

58. Hartung, J. This Feud's on Us. *Newsday*, August 12, 1992. LETTER
59. Hartung, J. Getting Real About Rape. *Behavior Brain Sci*, 15:390-92, 1992. INVITED COMMENT
60. Bendo, A.A., Kass, I.S., Hartung, J., Cottrell, J.E. Neurophysiology and Neuroanesthesia. In: Barash, P.G., Collen, B.F., Stoelting, R.K., Eds. *Clinical Anesthesia* (2nd Ed.) Philadelphia: J.B. Lippincott Co, 1992. BOOK CHAPTER
61. Hartung, J. Nitrous Oxide – It's Enough to Make You Vomit. *Anesthesiology*, 78:403-04, 1993. LETTER
62. Cottrell, J.E., Hartung, J. On Rock and Roll and Index Medicus. *J. Neurosurg Anesth*, 5:69-70, 1993. EDITORIAL
63. Hartung, J. Pérusse is Right. *Behavior Brain Science*, 16:294, 1993. INVITED COMMENT
64. Hartung, J., Cottrell, J.E. Negative Inferences about Rare Events Require Large Samples. *Anesthesiology*, 79:1155, 1993. LETTER
65. Hartung, J. Church's Growing Pains. *Newsday*, 1/15/93. LETTER
66. Twersky, R.S., Hartung, J., Berger, B.J., McClain, J, Beaton, C. Midazolam Enhances Anterograde but not Retrograde Amnesia in Pediatric Patients. *Anesthesiology*, 75:669-72, 1993. ARTICLE
67. Hartung, J. Head Injury and Therapeutic Hypothermia. *J Neurosurg*, 80:776, 1994. LETTER
68. Hartung, J., Cottrell, J.E. Mild Hypothermia and Cerebral Metabolism. *J Neurosurg Anesth*, 6:1-2, 1994. EDITORIAL
69. Hartung, J., Cottrell, J.E. In Response to: Effects of Hypothermia on Cerebral Metabolic Rate for Oxygen. *J Neurosurg Anesth*, 6:222-23, 1994. LETTER
70. Hartung, J., Ying, H., Weinberger., J, Cottrell, J.E. Propofol Prevents or Elevates the Threshold for Lidocaine-induced Seizures in Rats. *J Neurosurg Anesth*, 6:254-59, 1994. ARTICLE
71. Hartung, J. The best, the brightest and 'The Bell Curve.' *New York Times*, 11/13/94 LETTER
72. Cottrell, J.E., Hartung, J. Induced Hypotension. In Cottrell, J.E., Smith, D.S., Eds. *Anesthesia Neurosurgery*, 3rd Ed. St. Louis: C. V. Mosby, 1994. BOOK CHAPTER
73. Hartung, J. Hopes for a Balkan Settlement. *Newsday*, A35, 8/16/95. LETTER

PUBLICATIONS (Continued)

74. Hartung, J. Review of K. MacDonald's: *A People That Shall Dwell Alone*: BOOK

- Judaism as a Group Evolutionary Strategy. Ethology & Sociobiol*, 16:335-42, 1995. REVIEW
75. Hartung, J. Love Thy Neighbor: The Evolution of In-Group Morality. *Skeptic* 3(4):86-98, 1995. ARTICLE
76. Abramowicz, A.E., Hartung, J., Cottrell, J.E. Neuroanesthesia. In: Tindall G.T., Cooper, P.R., Barrow, D.C., eds. *The Practice of Neurosurgery*. Baltimore: Williams & Wilkins, 1995. BOOK CHAPTER
77. Hartung, J. Charges of Anti-Semitism. *Science*, 273:1322, 1996. LETTER
78. Hartung, J. Isoflurane, Fentanyl, Thiopental, and Brain Edema. *Anes Analg* 82:672, 1996. LETTER
77. Hartung, J. Throw the Baby Out, Draw New Bathwater. *Skeptic*, 4(1):28-31, 1996. LETTER
80. Hartung, J. That's the Way the Ball Bounces. *Skeptic*, 4(3):21, 1996. LETTER
81. Hartung, J. Twenty-four of Twenty-seven Studies Show a Greater Incidence of Emesis Associated with Nitrous Oxide than with Alternative Anesthetics. *Anesthesia and Analgesia*, 83:114-16, 1996. (See also; *Anesthesia and Analgesia* 87(5):1215, 1998). ARTICLE
82. Hartung, J. Prospects for Existence: Morality and Genetic Engineering. *Skeptic* 4(2):62-71, 1996. ARTICLE
83. Hartung, J. In response to Allen, Kupelnick, Ross, Ballantyne, and Gratz: Criticism of Hartung's Analysis. *Anes Analg*, 84:1169-70, 1997. LETTER
84. Hartung, J. Russia, China, and NATO Expansion. *Newsday*, 7/25/97. LETTER
85. Hartung, J. Religion and Mutilation. *New York Times*, 1/3:A26, 1997. LETTER
86. Hartung, J. In response to Overdyk & Roy's Nitrous Oxide Induces Emesis, Maybe 100% Oxygen is an Antiemetic. *Anesth Analg*, 84:231-232, 1997. LETTER
87. Hartung, J. Amending Covenants. *Palestine Times*, 75, September 1997. LETTER
88. Hartung, J. The Final Settlement. *Palestine Times*, 76, October 1997. COMMENT
89. Hartung, J. The Zimmerman Telegram -- Buy Now, Pay Later. *Washington Report on Middle East Affairs*, 16(3):3, October/November 1997. LETTER

PUBLICATIONS (Continued)

90. Hartung, J. Know Your Enemy: Netanyahu. *Palestine Times*, 77, November 1997. COMMENT

91. Hartung, J. Thou Shalt Not Kill Who? *Palestine Times*, 78, December 1997. COMMENT
92. Hartung, J. Comment on Steven Pinker's Why They Kill Their Newborns. *The New York Times Magazine*, 12/14/1997. LETTER
93. Bendo, A.A., Kass, I.S., Hartung, J., Cottrell, J.E. Neurophysiology and Neuroanesthesia. In: Barash, P.G, Cullen, B.F, and Stoelting, R.J., eds.: *Clinical Anesthesia* (3rd Ed.) Philadelphia: Lippincott Williams & Wilkins, 1997. BOOK CHAPTER
94. Hartung, J. If I Had It to Do Over. In: L. Betzig, Ed. *Human Nature: a Critical Reader*. New York: Oxford University Press, 1997. BOOK CHAPTER
95. Hartung, J. Whose Lord? *Palestine Times*, 79, January 1998. COMMENT
96. Hartung, J. , Cottrell, J.E. In Reply to D.W. Marion's 'In Response to: Statistics And Hypothermia. *J Neurosurg Anes*, 10:122-23, 1998. EDITORIAL
97. Hartung, J. Sex, Lies, and the President of the United States. *Newsday*, A45, 1/28/98. LETTER
98. Hartung, J., Cottrell, J.E.: Statistics and Hypothermia. *J. Neurosurg Anesiology* 10:1-4, 1998. EDITORIAL
99. Hartung, J. Do Polls Tell What we Think? *Newsday*, A49, 3/26/98. LETTER
100. Hartung, J. The Virtues of Violence Against Property: Advice for the New Intifadah. *Palestine Times*, 80, February 1998. COMMENT
101. Hartung, J. Taking Aim and Buying Time. *Palestine Times*, 81, March 1998. ARTICLE
102. Hartung, J. Why Might Others Hate Us? *Newsday*, B8, 8/30/98. LETTER
103. Hartung, J. Pollard Put Others at Risk. *Newsday*, A48, 10/30/98. LETTER
104. Hartung, J. Look Good? They are Good! *ASA Newsletter*, 62:39, 1998. LETTER
105. Hartung, J. Was Jesus a Feminist? *Harvard Magazine*, November-December 1998. LETTER
106. Hartung, J. Because it is Necessary to Affix Right Ideas to Words. *Journal of Neurosurgical Anesthesiology*, 11(4):229-230, 1999. EDITORIAL

PUBLICATIONS (Continued)

107. Hartung, J. The Number of Losers is More Important Than the Size of the Jackpot. *Evolution and Human Behavior*, 20(3):213, 2000. LETTER

108. Hartung, J. & Cottrell, J.E. Tirilazad and Subarachnoid Hemorrhage. *Journal of Neurosurgery*. 92:508, 2000. LETTER
109. Hartung, J. Evolution by Foresight. *Newsday*, 10/3/00. LETTER
110. Bendo, A.A., Kass, I.S., Hartung, J., Cottrell, J.E. Anesthesia for Neurosurgery. In: Barash, P.G., Collen, B.F., Stoelting, R.K., Eds. *Clinical Anesthesia* (4th Ed.) Philadelphia: J.B. Lippincott Co. Williams & Wilkins, 2001. BOOK CHAPTER
111. Hartung, J. & Cottrell, J.E. A Case in Point. *Journal of Neurosurgical Anesthesiology*, 13(3):187-188, 2001. EDITORIAL
112. Hartung, J. So Much Promise, So Little Power. *Journal of Neurosurgical Anesthesiology*, 13(1): 1-2, 2001. EDITORIAL
113. Hartung, J. Israeli Occupation. *Newsday*, 4/5/01. LETTER
114. Hartung, J. Jury's Still Out on Vietnam. *Newsday*, 5/15/01. LETTER
115. Hartung, J. Slavery Reparations. *Newsday*, 9/11/01. LETTER
116. Hartung, J. So be Good for Goodness Sake. *Behavior and Brain Sciences*, 25(2):261-2, 2002. INVITED COMMENT
117. Hartung, J. Too Limited a View of What Clinical Anesthesiology Could Become. *Anesthesiology*, 96:1032, 2002. LETTER
118. Hartung, J. & Cottrell, J.E. [Limitation of Supervision](#). *Anesthesiology*, 99:513, 2003. LETTER
119. Hartung, J. Humanity's Long-term Future Will Result From Intentional, Intelligent Human Design. Humanity 3000 Seminar #4 Proceedings, 267-282. Foundation for the Future. Bellevue, Washington, 2004. INVITED ARGUMENT
120. Hartung, J. Thousand-year Vision for Humanity. Foundation for the Future. Video available at: http://www.strugglesforexistence.com/?p=video_p&id=1 . 2004 INVITED VIEW
121. Cottrell, J.E., Hartung, J. [Cool it on cooling — at least during aneurysm surgery](#). *Journal of Neurosurgical Anesthesiology*, 16(2): 113-1144, 2004. EDITORIAL
122. Hartung, J. Statistics: A Guide for the Perplexed. American Society of Anesthesiology 55th Annual Meeting Refresher Course Lectures: Basic Science Reviews, pp 379:1-379:7.. Philadelphia: Lippincott Williams & Wilkins 2004. INVITED REVIEW

PUBLICATIONS (Continued)

123. Hartung, J., Cottrell J.E. Intention-to-treat analysis should be supplemented by on-treatment analysis. [Journal of Neurosurgical Anesthesiology](#), 17(2): 63-64, 2005. EDITORIAL
124. Hartung, J. Statistics: When to Suspect a False Negative Inference. American Society INVITED

- of Anesthesiology 56th Annual Meeting Refresher Course Lectures: Basic Science Reviews, pp 337:1-377:7. Philadelphia: Lippincott Williams & Wilkins 2005. REVIEW
125. Bendo, A.A., Kass, I.S., Hartung, J., Cottrell, J.E. "Anesthesia for Neurosurgery." In: Barash, P.G., Collen, B.F., Stoelting, R.K., Eds. *Clinical Anesthesia* (5th Ed.) Philadelphia: Lippincott Williams & Wilkins 2004, 2006. BOOK CHAPTER
126. Hartung, J. [Of mice and men and type II errors](#). *Anesthesiology* 104(1):206, 2006. LETTER
127. Hartung, J., Cottrell J.E. Brain O₂. *Journal of Neurosurgery* 105(3):505, 2006. LETTER
128. Hartung, J. Bring Them Here: A One State Solution for Israel and Palestine [originally: How to Fix Iraq (and U.S.-World Relations At Large)]. *Aljazeera Magazine* (www.aljazeera.com/cgi-bin/review/article_full_story.asp?service_id=12408) (text excerpted and posted on 11/13/06 with link to video), [now available at: http://www.strugglesforexistence.com/?p=video_p&id=3]. ARTICLE & VIDEO
129. Hartung, J. A Perspective on the Future of Mankind. Interview by Dr. Deas of "Health Center" (Television broadcast with coverage and video link in *Downstate's Media Newsletter*. *Brookly Community Access Television (Channels 56 & 34, Cablevision 67)* Nov. 13, Noon & 8:00 PM. DVD available on request. INVITED INTERVIEW
130. Hartung, J., Cottrell J.E. [Newborns and anesthetic neurotoxicity](#). *Anesthesiology* 108(2):339, 2008. LETTER
131. Hartung, J., Cottrell J.E. Cerebral oxygenation. *Journal of Neurosurgery* 108(1):199, 2008. LETTER
132. Hartung, J. [Good connections: neuroanesthesiology, SNACC, and JNA](#). *Journal of Neurosurgical Anesthesiology* 20 (2):76-77, 2008. EDITORIAL
133. Cottrell, J.E., Hartung, J. Developmental Disability in the Young and Postoperative Cognitive Dysfunction in the Elderly After Anesthesia and Surgery: Do the Data Justify Changing Clinical Practice? *Mount Siani Journal of Medicine* 79(1): 75-94, 2012. ARTICLE
134. Hartung, J. [Chastity, Fidelity and Conquest: Biblical Rules for Women and War](#). In: Shackelford, T., Weekes-Shackelford, V. (Eds.), *The Oxford Handbook of Evolutionary Perspectives on Violence, Homicide, and War* (pp. 77-90). Oxford University Press, 2012. BOOK CHAPTER

PUBLICATIONS (Continued)

135. Hartung, J. [Passover](#). *Foreign Policy Journal*, 2014. ARTICLE
136. Hartung, J. [Why Do So Many Muslims Act Like Barbarians?](#) *Foreign Policy Journal*, 2015. ARTICLE

137. Hartung, J. [On Burning People Alive](#). *Foreign Policy Journal*, 2015. ARTICLE
138. Hartung, J. [Who Deceived Colin Powell?](#) *Foreign Policy Journal*, 2015. ARTICLE
139. Hartung, J., Cottrell, J.E. [Regarding] “What is the use of hypothermia for neuro-protection after out-of-hospital cardiac arrest?” [Stroke 46 \(4\): e92](#) [PMID: 25757901] 2015. LETTER
140. Hartung, J., Cottrell, J.E. [Authors Pay Close Attention to Impact Factors](#). *Society for Neuroscience in Anesthesiology and Critical Care Newsletter*, Fall, p. 5, 2015. INVITED COMMENT
141. Hartung, J. [Cancer might be a failed response to renegade mitochondria](#). *Journal of Theoretical Biology* 21;379:91-93 [PMID: 25981632] 2015. LETTER
142. Cottrell, J.E., Hartung, J. [Ketamine versus Special K: a double-edged sword](#). *Anesthesia and Analgesia* 122 (3): 586, 2016. INVITED EDITORIAL
143. Hartung J. [How Brain Shutdown Explains Core Support for Trump and Clinton](#). *Foreign Policy Journal*, 2016. ARTICLE
144. Hartung J, Cottrell JE. Anesthesia and long-term major adverse cognitive effects: p-values and confidence intervals based on nonrandom samples cannot justify acceptance of null hypotheses. *Journal of Neurosurgical Anesthesiology* 28(3): 185-186 [PMID: 27271049] 2016. EDITORIAL
145. Hartung, J. [Curtailing fabrication in medical literature](#). *Anaesthesia* 72: 1416, 2017. LETTER
146. Hartung, J. [Reading and Doing Neuroscience Research](#): Problem, Solution and an Insight From Augustina Otero. *Society for Neuroscience in Anesthesia and Critical Care Newsletter*, Winter 2017. ARTICLE
147. Cottrell JE, Hartung J. We’re so excited ... we just can’t hide it! *Journal of Neurosurgical Anesthesiology* 29(4):381, 2017. EDITORIAL
148. Hartung J. [Moses For #MeToo?](#) *Foreign Policy Journal*, 2018. ARTICLE
149. Hartung J. [On “Bespoke Babies ...”](#) MEDPAGE TODAY: January, 28, 2019. (click on “1 Comment,” bottom left corner) COMMENT

PUBLICATIONS (Continued)

150. Cottrell JE, Hartung J: Anesthetic neurotoxicity: should we be concerned? In: Burden A, Deutsch N, Torscher L, Wald S, eds. *2018 ASA Refresher Courses in Anesthesiology*. Schaumburg, IL: American Society of Anesthesiologists, 2019. ARTICLE
151. Hartung J, Cottrell JE. [Against dissing BIS](#). *British Journal of Anaesthesia* 123(4): E488-E489, 2019. COMMENT

152. Cottrell JE, Hartung J. [Anesthesia and cognitive outcome in elderly patients: a narrative viewpoint](#). *Journal of Neurosurgical Anesthesiology* 32(1):9-17, 2020. ARTICLE
153. Hartung J. Thou Shalt Not Kill ... Whom? = An argument against Trump's Middle East Peace Plan. https://youtu.be/6sq7S_CxqQ and <https://youtu.be/7uOlimFxMac> 2020. VIDEO
154. Hartung J. Reading & Doing Medical Research. <https://youtu.be/ecMMIZAu0A4> 2020. VIDEO
155. Hartung J. How Media Fear-Mongers Misrepresent COVID-19. *American Spectator* September 18, 2020. <https://spectator.org/covid-19-media-fear-mongering/> ARTICLE
156. Cottrell JE, Hartung J. Pick Your Poison. *Anesthesia and Analgesia*, 131 (5) p e227. November 2020. PMID: 33094975 https://journals.lww.com/anesthesia-analgesia/Citation/2020/11000/Pick_Your_Poison.53.aspx LETTER
157. Hartung J. Israel's Bait-and-Switch: an ode against Israel's Nation State Law. <https://youtu.be/VIp5j0dP87Q> VIDEO