

CURRICULUM VITAE

John Hartung, Ph.D.

Professor of Anesthesiology

and

Associate Editor of the

Journal of Neurosurgical Anesthesiology

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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 Teaching Fellow, Departments of Biology and Anthropology, Harvard University
- 1981 Medical Laboratory Technician, Department of Anesthesiology, SUNY
- 1982 Instructor, Department of Anesthesiology, SUNY
- 1984 Assistant Professor of Anesthesiology, SUNY
- 1988 Associate Editor, Journal of Neurosurgical Anesthesiology
- 1994 Associate Professor of Anesthesiology (w/ Tenure), SUNY

SOCIETY MEMBERSHIPS

American Society of Anesthesiologists
Society for Neurosurgical Anesthesia and Critical Care
International Anesthesia Research Society
New York State Society of Anesthesiologists
Human Evolution and Behavior Society (Executive Council, 1989-95)
The Skeptics Society

UNIVERSITY SERVICE

- 1991 - 2008 Member, Institutional Animal Care and Use Committee
- 1998 - 2008 Chair, Institutional Animal Care and Use Committee
- 2004 - Present Professional Development Committee
- 2009 - Present Executive Committee of the College of Medicine: Subcommittee on Faculty and Professional Staff Personnel Policies, Promotions and Appointments

TEACHING

- 1968 - 1970 United States Peace Corp – Ethiopia, Rural Development
- 1976 – 1981 Harvard University – Cambridge, MA, Anthropology and Biology
- 1982 - Present SUNY Health Science Center at Brooklyn – 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
- 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 *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.

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. COMMENTARY INVITED
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 COMMENTARY
45. Hartung, J. Non-Heritable Genetic Differences. *Behavior Brain Science*, 10:25, 1987. INVITED COMMENTARY
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 COMMENTARY
51. Hartung, J. Too Many P's in the Pod. *Behavior Brain Science*, 12:23, 1989. INVITED COMMENTARY
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

PUBLICATIONS (Continued)

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 COMMENTARY
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 COMMENTARY
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. *. 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 Anesthes*, 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: Judaism as a Group Evolutionary Strategy*. *Ethology & Sociobiol*, 16:335-42, 1995. BOOK 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. COMMENTARY
89. Hartung, J. The Zimmerman Telegram -- Buy Now, Pay Later. *Washington Report on Middle East Affairs*, 16(3):3, October/November 1997. LETTER
90. Hartung, J. Know Your Enemy: Netanyahu. *Palestine Times*, 77, November 1997. COMMENTARY

PUBLICATIONS (Continued)

91. Hartung, J. Thou Shalt Not Kill Who? *Palestine Times*, 78, December 1997. COMMENTARY
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. COMMENTARY
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 Anes* 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. COMMENTARY
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
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

PUBLICATIONS (Continued)

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 COMMENTARY
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
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