

PAT SHIPMAN
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EDUCATION

Smith College	B.A.	1970 Religion
New York University	M.A.	1973 Physical Anthropology
New York University	Ph.D.	1977 Physical Anthropology

DISSERTATION

"Paleoecology, Taphonomic History and Population Dynamics of the Vertebrate Fossil Assemblages from the Middle Miocene Deposits Exposed at Fort Ternan, Kenya."
Advisor: Clifford J. Jolly. Institution: New York University

NOMINATIONS, PRIZES, AND AWARDS

1967-70 IBM National Merit Scholarship

1972-76 New York University Graduate Fellowship

1994 The Neandertals was a finalist for the Rhône-Poulenc Science Book Prize. The Neandertals was also a N.Y. Times Notable Book of the Year.

1995 The Evolution of Racism was nominated for the National Book Award and was a N.Y. Times Notable Book of the Year.

1996 My essay that appeared in American Scientist, "One Woman's Life in Science", won the silver medal in the editorial or column category of the SNAP (Society of National Association Publications) EXCEL competition.

1997 The Wisdom of the Bones, written with Alan Walker, was awarded the Rhône-Poulenc Prize as the best science book of 1996 written for a general audience. It was a N.Y. Times Notable Book of the Year.

1998 Taking Wing: Archaeopteryx and the Evolution of Bird Flight won the 1998 Phi Beta Kappa Prize in science and was a runner-up for the L.A. Times Book Award in the science category. It was a N.Y. Times Notable Book of the Year.

2000 I was selected to be the A. Dixon and Betty F. Johnson Lecturer in the

Communication of Science, Penn State University.

- 2001 The Man Who Found the Missing Link was an L.A. Times Notable Book of the Year.

I was elected a Fellow of the American Association for the Advancement of Science and, in the U.K., a Fellow of the Royal Geographical Society.

- 2005 I was awarded the Leighton Wilkie prize by the Center for Research into the Anthropological Foundations of Technology (CRAFT) and the Stone Age Institute, Indiana University, for my lifetime contributions to paleoanthropology and taphonomy.

SCHOLARSHIPS, GRANTS, and FIELDWORK

- 1967-1970 IBM National Merit Scholar
- 1972-1976 New York University Fellowship
- 1976 National Science Foundation Doctoral Dissertation Improvement Grant (BNS 76-04822): Taphonomy of the Fort Ternan Ramapithecus site - \$4,000
- Leakey Foundation Grant: Taphonomy of the Fort Ternan Ramapithecus site - \$1,500
- Boise Fund Grant: Taphonomy of the Fort Ternan Ramapithecus site - \$1,000
- 1977 Boise Fund Grant: Patterns of bone breakage in Plio-Pleistocene primates - \$1,000
- 1977-1978 Wenner-Gren Foundation Grant-in-Aid: Patterns of bone breakage in Plio-Pleistocene mammals - \$1,500
- 1979 Boise Fund Grant: Microscopic effects of known taphonomic events on bone surfaces - \$669
- 1979-1980 N.I.H. Biomedical Research Grant (#5 SO 7 RR07041-13): Bone surface changes produced by known taphonomic events - \$3,000
- 1980-1981 N.I.H. Biomedical Research Grant (#5 SO 7 RR07041-14):

- Hydrodynamics of mammalian postcrania - \$3,500
- 1981 National Science Foundation Grant (BNS 80-1397): Microscopic effects of known taphonomic events on fossil and modern bone - \$37,991
- 1982 Boise Fund Grant: Evidence for hunting and butchering at early hominid sites - \$600
- 1982-1984 National Science Foundation Grant (BNS 80-2-1397): Hunting and butchering by early hominids - \$86,168
- 1983 Foundation for Research into the Origin of Man Grant: Possible bone tools from Olduvai - \$500
- Leakey Foundation Grant: A re-evaluation of possible bone tools from Olduvai - \$3,300
- Boise Fund Grant: Microscopic approaches to possible bone tools from Olduvai - \$600
- National Geographic Society Grant: Investigating possible bone tools from Olduvai - \$3,250
- 1984-1985 National Geographic Society Grant (co-PI with Rick Potts): Excavation of the Middle Pleistocene site at Lainyamok, Kenya - \$22,165
- National Science Foundation Grant (co-PI with Rick Potts): Excavation of the Middle Pleistocene site at Lainyamok, Kenya - \$20,721
- 1985 Wenner-Gren Foundation Grant: The transition from scavenging to hunting in early hominids - \$4,450
- Leakey Foundation Grant: Further studies of modified bones from Olduvai Gorge - \$4,150
- 1985-1988 National Science Foundation Grant (BNS 8512001): Early hominid diet and carcass-processing strategies at Olduvai - \$126,595
- 1986 Institutional Research Grant: Diet and ecology of early human ancestors at Olduvai Gorge - \$9,466
- 1987 Institutional Research Grant: Allometry and Body Size of Graviportal

Species - \$9,710

1994 Wenner-Gren Foundation Grant: The Thought and Work of Eugene Dubois - \$10,000

I have conducted fieldwork in Kenya and Ethiopia and laboratory and museum work involving fossil and modern bone collections from Ethiopia, France, Kenya, Indonesia, Spain, Sardinia, Chile, and the United States. I have also worked with archival materials in the U.S., the Netherlands, France, and the U.K.

PROFESSIONAL EMPLOYMENT

1973 Visiting Lecturer, Department of Anthropology, Jersey City State College.
 1974 Rapporteuse/editorial assistant for "African Hominidae of the Plio-Pleistocene", Wenner-Gren Foundation for Anthropological Research.
 1975 Adjunct Instructor, EXCELL Division, Fordham University.
 1976-1977 Research Associate and Editor, American Institutes for Research, Cambridge, Mass. Project on interrelationships of cancer and diet.
 1978-1981 Associate Research Scientist, Department of Earth and Planetary Sciences, The Johns Hopkins University.
 Joint appointment, Department of Cell Biology and Anatomy, The Johns Hopkins University School of Medicine.
 1981-1986 Assistant Professor, Department of Cell Biology and Anatomy, The Johns Hopkins University School of Medicine.
 1986-1995 Associate Professor, Department of Cell Biology and Anatomy, The Johns Hopkins University School of Medicine.
 1985-1990 Assistant Dean of Academic Affairs, The Johns Hopkins University School of Medicine.
 1990-1992 Editor, Anthroquest, LSB Leakey Foundation
 1990 - Freelance science writer
 1995 - Professor, Department of Anthropology, The Pennsylvania State University

SCHOLARLY ARTICLES

1. Shipman, Pat. 1975. "Implications of drought for vertebrate fossil assemblages". Nature 257: 667-668.
2. Shipman, Pat, and Jane Phillips. 1976. "On scavenging by hominids and other carnivores". Curr. Anthropol. 17: 170-172.
3. Shipman, Pat. 1977. "Paleoecology, taphonomic history, and population dynamics of

the vertebrate assemblage from the Middle Miocene of Fort Ternan, Kenya". Ph.D. Thesis, New York University, New York.

4. Shipman, Pat, and Jane E. Phillips-Conroy, 1977. "Hominid tool-making versus carnivore scavenging". Amer. J. Phys. Anthrop. 46: 77-86.

5. Shipman, Pat, and Alan Walker, 1980. "Bone-collecting by harvesting ants". Paleobiol. 6(4): 496-502.

6. Shipman, Pat, 1981. "Applications of scanning electron microscopy to taphonomic problems". In: A.-M. Cantwell, J.B. Griffin, and N. Rothschild (eds.), The Research Potential of Anthropological Museum Collections. Ann. N.Y. Acad. Sci. 276: 357-385.

7. Potts, Richard, and Pat Shipman, 1981. "Cutmarks made by stone tools on bones from Olduvai Gorge, Tanzania". Nature 291: 577-580.

8. Shipman, Pat, Wendy Bosler, and Karen Lee Davis, 1981. "Butchering of giant geladas at an Acheulian site". Curr. Anthrop. 22(3): 257-268.

9. Shipman, Pat, Alan Walker, John A. Van Couvering, Paul J. Hooker, and J.A. Miller, 1981. "The Fort Ternan hominoid site, Kenya: Geology, age, taphonomy and paleoecology". J. Hum. Evol. 10: 49-72.

10. Shipman, Pat, 1982. "Taphonomy of Ramapithecus wickeri at Fort Ternan, Kenya". Museum Briefs #26, University of Missouri, Columbia.

11. Shipman, Pat, 1982. "Reply to Jablonski and Lyman". Curr. Anthrop. 23(3): 351-352.

12. Shipman, Pat, Wendy Bosler, and Karen Lee Davis, 1982. "Reply to Binford and Todd". Curr. Anthrop. 23(1): 110-111.

13. Shipman, Pat, 1983. "Early hominid lifestyle: Hunting and gathering or foraging and scavenging?" In: J. Clutton-Brock and C. Grigson (eds.), Animals and Archaeology, Vol. I: Hunters and Their Prey. Brit. Arch. Rpts.: London. Pp.31-51.

14. Shipman, Pat, and Jennie J. Rose, 1983. "Early hominid hunting, butchering and carcass-processing behaviors: Approaches to the fossil record". J. Anth. Arch. 2: 57-98.

15. Shipman, Pat, and Jennie J. Rose, 1983. "Evidence of butchery and hominid activities at Torralba and Ambrona: An evaluation using microscopic techniques". J.

Arch. Sci. 10(3): 465-474.

16. Shipman, Pat, Richard Potts, and Martin Pickford, 1983 "Lainyamok: A new Middle Pleistocene hominid site". Nature 306: 365-368.

17. Shipman, Pat, and Jennie J. Rose, 1984. "Cutmark mimics on modern and fossil bovid bones". Curr. Anthropol. 25(1): 116-117.

18. Shipman, Pat, Daniel C. Fisher, and Jennie J. Rose, 1984. "Mastodon butchery: Microscopic evidence of carcass processing and bone tool use". Paleobiol. 10(3): 358-365.

19. Shipman, Pat, Giraud Foster, and Margaret J. Schoeninger, 1984. "Burnt bones and teeth: An experimental study of color, morphology, shrinkage and crystal structure". J. Arch. Sci. 11: 307-325.

20. Johnson, Eileen, and Pat Shipman, 1986. "Scanning electron microscope studies of bone modifications". Current Research in the Pleistocene 3: 47-48.

21. Shipman, Pat, 1986a. "Paleoecology of Fort Ternan reconsidered". J. Hum. Evol. 15(3): 193-204.

22. Shipman, Pat, 1986b. "Scavenging or hunting in early hominids: Theoretical framework and tests". Am. Anthropol. 88(1): 27-43.

23. Villa, P., C. Bouville, J. Courtin, D. Helmer, E. Mahieu, P. Shipman, G. Belluomini, and M. Branca, 1986c. "Cannibalism in the Neolithic". Science 233: 431-437.

24. Villa, P., J. Courtin, D. Helmer, P. Shipman, C. Bouville, and E. Mahieu, 1986d. "Un cas de cannibalisme au Neolithique: Boucherie et Rejet de restes humains et animaux dans la grotte de Fontbregoua a Salernes (Var)". Gallia Prehistoire 29(1): 143-171.

25. Shipman, Pat, 1986e. "Studies of hominid-faunal interactions at Olduvai Gorge". J. Hum. Evol. 15: 691-706.

26. Villa, P., J. Courtin, et D. Helmer avec la contribution de P. Shipman, 1987. "Cannibalisme dans la Grotte de Fontbregoua". Archeologia 223: 40-54.

27. Shipman, Pat, 1987. "Reply to Lyman". Amer. Anth. 89.

28. Shipman, Pat, 1988. "Diet and subsistence strategies at Olduvai". In Brenda V. Kennedy and Genevieve LeMoine, eds. Diet and Subsistence: Current Archaeological

Perspectives. Chacmool: The Archeological Association of the University of Calgary, Calgary: 3-12.

29. Olsen, Sandra L., and Pat Shipman, 1988. "Surface modification on bone: Trampling versus butchery". J. Arch. Sci. 15:535-549.

30. Shipman, Pat, 1988. "Actualistic studies of animal resources and hominid activities". In: S. Olsen (ed.), SEM in Archaeology, British Archaeological Reports, Oxford, pp. 261-286.

31. Shipman, Pat, and Jennie J. Rose, 1988. "Bone tools: An experimental approach". In: S. Olsen (ed.), SEM in Archaeology, British Archaeological Reports, Oxford, pp. 303-336.

32. Shipman, Pat, 1988. "Recognizing bone tools and the peopling of the New World". In Origins of Man in the New World, Department of Public Education, Mexico.

33. Brain, C.K., Churcher, C.S., Clark, J.D., Grine, F.E., Shipman, P. and Susman, R.L. 1988. "New evidence of early hominids, their culture and environment from the Swartkrans Cave, South Africa." S. Afr. J. Sci. 84:828-835.

34. Potts, R., Shipman, P. and Ingall, E., 1988. "Taphonomy, paleoecology, and hominids of Lainyamok, Kenya." J. Hum. Evol. 17:597-614.

35. Shipman, Pat, and John M. Harris, 1989. "Habitat preference and paleoecology of Australopithecus boisei in eastern Africa". In: F.E. Grine (ed.), The Evolutionary History of the Robust Australopithecines, pp. 343-382. Aldine, Chicago.

36. Shipman, Pat, and Alan Walker, 1989. "The costs of becoming a predator." J. Hum. Evol. 18:373-392.

37. Shipman, Pat, 1989. "Altered bones from Olduvai Gorge, Tanzania: Techniques, problems, and implications of their recognition". In: Robson Bonnichsen and Marcella Sorg (eds.), Bone Modifications. Center for the Study of Early Man, Orono, Maine, pp. 317-334.

38. Shipman, Pat, 1990. "Etudes Recentes sur le Comportement des Hominides dans la Gorge d'Olduvai" Anthropologie 94 (2): 229-240.

39. Shipman, Pat, 1992. "Body size and broken bones: Preliminary interpretations of proboscidean remains". In: J. Fox, C. Smith and K. Wilkins, (eds.), Proboscidean and Paleoindian Interactions, Baylor University Press, Waco:75-98.

40. Brain, C.K., and Pat Shipman, 1993. "Bone tools from Swartkrans." In C.K. Brain, ed., Swartkrans: A Cave's Chronicle of Early Man. Transvaal Museum Monograph No. 8, pp. 195-215.
41. Johnson, Eileen, and Pat Shipman, 1993. "Scanning Electron Microscope Analysis of Bone Modifications at Pendejo Cave, New Mexico." Current Research in the Pleistocene 10:72-75.
42. Olsen, Sandra, and Pat Shipman, 1994. "Cutmarks and perimortem treatment of skeletal remains on the Northern Plains." In Douglas Owsley and Richard Jantz, eds., Skeletal Biology in the Great Plains: Migration, Warfare, Health and Subsistence, Smithsonian Institution Press, Washington, D.C., pp. 377-387.
43. Trinkaus, Erik and Pat Shipman, 1994. "Neandertals: Images of Ourselves." Evo. Anthro. 1 (6):194-201.
44. Shipman, Pat, 1997. "Taphonomy." in Frank Spencer, ed., History of Physical Anthropology: An Encyclopedia. Garland Press, N.Y.
45. Shipman, Pat, 1997. "Cutmarks and other features on bones from the Monte Verde site." In Tom Dillehay, ed., The Monte Verde Site.
46. Shipman, Pat, 1998. "Rethinking the Human Family Tree." Science Year, The World Book Annual Science Supplement, 1999, World Book, Inc.
47. Shipman, Pat, 2001. "What can you do with a bone fragment?" PNAS vol. 98, no. 4:1335-1337.
48. Huffman, O.F., Zaim, Y., Kappelman, J. W., Aziz, F., Shipman, P., Hertler, C., and de Vos, J., 2002. "Relocating the 1936 Peking/Mojokerto Hominid Site. East Java." (abstract) J. Hum. Evol. v.12, no. 3: A17.
49. Shipman, Pat, and Paul Storm, 2002." Missing links: Eugène Dubois and the origins of paleoanthropology." Evolutionary Anthropology, v. 11, no. 3, pp. 108-116.
50. Huffman, O.F., P. Shipman, C. Hertler, J. de Vos, and F. Aziz, 2005. "Historical Evidence of the 1936 Mojokerto Skull Discovery, East Java." J. Hum. Evol., v. 18, no. 4: 321-364.
51. Shipman, Pat, 2006. "What Do New Fossil Discoveries Tell Us About Human Evolution?" Teaching Anthropology: SACC Notes. Vol. 12, No. 2: 9-12.

52. Shipman, Pat, 2006. "Picture Gallery: Ms. Mary Baker with Concertina, c. 1857," Papers of the International Concertina Association, 3 (2006): 36-37. (Also online at: <http://www.concertina.org.pica/php>).

53. Krovitz, G., and Shipman, P., 2007. "Taphonomy of Immature Hominid Skulls and the Taung, Mojokerto, and Herto Specimens." African Taphonomy: A Tribute to the Career of C.K. "Bob" Brain. Indiana University Press.

54. Shipman, Pat, 2007. "Science Meets Fundamentalist Religion." In Peter Snyder, Linda Mayes, and Dennis D. Spencer, eds., Science and the Media: Delgado's Brave Bulls and the Ethics of Scientific. Academic Press, London: 123-136.

55. Shipman, Pat, 2008. "Java Man - Eugène Dubois." IN Brian Regal, ed., Icons of Evolution. Greenwood Press.

56. Shipman, Pat, 2008. "Separating 'Us' from 'Them: Neanderthal and modern human behavior." Proceedings of the National Academy of Sciences of the USA 105 (38): 14241-14242.

57. Shipman, Pat, submitted. "The Evolution of Human Behavior." Current Anthropology.

58. Jin, J., and P. Shipman, submitted. "Documenting natural wear on antlers: A first step in identifying use-wear on purported antler tools." Quaternary International.

POPULAR ARTICLES

1. Shipman, Pat, 1979. "What are all these bones doing here?" Harvard Magazine, November-December: 42-45.

2. Shipman, Pat, 1984. "Scavenger hunt". Nat. Hist. 93(4): 20-27.

3. Shipman, Pat, 1984. "The earliest bone tools: Re-assessing the evidence from Olduvai Gorge". Anthroquest 29: 9-10.

4. Shipman, Pat, 1984. "Early hominid lifestyle: The scavenging hypothesis". Anthroquest 28: 9-10.

5. Shipman, Pat, 1985. "The ancestor that wasn't". The Sciences, March/April: 42-47.

6. Shipman, Pat, 1985. "Silent bones, broken stones". Discover 6(8): 66-69.

7. Shipman, Pat, 1986. "The hard part was the hard parts". Discover 7(2): 70-77.
8. Shipman, Pat, 1986. "When skeletons speak". Discover 7(4): 94-99.
9. Shipman, Pat, 1986. "Baffling limb on the family tree!". Discover 7(9): 86-93.
10. Shipman, Pat, 1986. "Recent life of an ancient dinosaur". Discover 7(10): 94-102.
11. Shipman, Pat, 1986. "A culture divided by science". Education Week vi (4): 24. (Reprinted and excerpted as "Teaching to overcome technophobia" in The Education Digest vol. LII (8): 18-19).
12. Shipman, Pat, 1987. "The myths and perturbing realities of cannibalism". Discover 8(4): 60-66.
13. Shipman, Pat, 1988. "Dumping on science". Discover 8 (12): 60-67.
14. Shipman, Pat, 1988. "Dinosaur nests: Bringing up baby." Discover 9 (8):48-52.
15. Shipman, Pat, 1988. "An evolutionary tale: what does it takes to be a meat-eater?" Discover 9 (10).
16. Shipman, Pat, 1988. "The sixth find was a feathered friend." Discover 10(1):63
17. Shipman, Pat, 1989. "The gripping story of Paranthropus." Discover 10(4):66-71
18. Shipman, Pat, 1989. "The costs of becoming a predator." Discover 10.
19. Shipman, Pat, 1990. "The horns of the dilemma." Discover 11(11):86-91.
20. Shipman, Pat, 1991. "Killer Bamboo." Discover 11(2):22.
21. Shipman, Pat, 1990. "Old Masters." Discover 11(7):60-65.
22. Shipman, Pat, 1990. "The new, new synthesis in biology." New Scientist.
23. Shipman, Pat, 1990. "We Need to Give a Chance to Small, Unfashionable Science." Chronicle of Higher Education Sept. 26:A60.
24. Shipman, Pat, 1990. "From a 'Blinding Glimpse of the Obvious' Comes a New Theory about Early Humans." Chronicle of Higher Education. February 14:B2-3.

25. Shipman, Pat, 1990. "On the trail of the Piltdown forgers." New Scientist October 6.
26. Shipman, Pat, 1990. "Primate origins up in the air again." New Scientist July 23:57-60.
27. Shipman, Pat, 1991. "A journey towards human origins." New Scientist October 19: 45-47.
28. Shipman, Pat, 1991. "Life and death on the wagon trail." New Scientist 27 July:40-42.
29. Shipman, Pat, 1991. "Hotheads." Discover 12(4):18-19.
30. Shipman, Pat, 1991. "Speaking of Neandertals." Anthroquest 43:5-14.
31. Shipman, Pat, 1991. "Elephant Stew for Dinner Again?" Anthroquest 43: 10.
32. Shipman, Pat, 1991. "Balancing the Needs of Wildlife and People." Anthroquest 43:11.
33. Shipman, Pat, 1991. "Closer than you Think" Anthroquest 43:12.
34. Shipman, Pat, 1991. "Rutgers Co-Hosts Leakey Foundation Symposium." Anthroquest 43:22-24.
35. Shipman, Pat, 1991. "Where have all the primates gone?" New Scientist 13 June:16.
36. Shipman, Pat, 1991. "Face to face with deception." New Scientist 22 August:41.
37. Shipman, Pat, 1991. "The Importance of Ethiopia." Anthroquest 44:5-8.
38. Shipman, Pat, 1991. "New Directions for Ethiopian Science." Anthroquest 44:9-11.
39. Shipman, Pat, 1991. "Where Do Gorilla Babies Come From?" Anthroquest 44:12-13.
40. Shipman, Pat, 1991. "Living With Stress in Yugoslavia." Anthroquest 44:13-14.
41. Shipman, Pat, 1991. "Hunting with the Pygmies." Anthroquest 44:14-15.
42. Shipman, Pat, 1991. "Baldwin Fellows: Where are they now?" Anthroquest 44:20.

43. Shipman, Pat, 1991. "In Memory of Dr. Allan C. Wilson." Anthroquest 44:29.
44. Shipman, Pat, 1992. "Rocking the Cradle." Anthroquest 45:12-13.
45. Shipman, Pat, 1992. "Scanning Past Horizons." Anthroquest 45:14-15.
46. Shipman, Pat, 1992. "Funding Great Ape Fellows Before It's Too Late." Anthroquest 45:19-22.
47. Shipman, Pat, 1992. "A New Way to Stay Up-To-Date on Primate Research." Anthroquest 45:23.
48. Shipman, Pat, 1992. "The Muddle in the Miocene." Anthroquest 46:5-27.
49. Shipman, Pat, 1992. "Profile: Kamoya Kimeu." Anthroquest 46:8-10.
50. Shipman, Pat, 1993. "True Grit in Gabon." Anthroquest 46:11-12.
51. Shipman, Pat, 1993. "The Hidden Cost of Research." Anthroquest 46:13.
52. Shipman, Pat, 1993. "And where are you from?" Anthroquest 46:18-19.
53. Shipman, Pat, 1993. "Digging Tools." Anthroquest 46:20-21.
54. Shipman, Pat, 1994. "Boning up on the Weather," Anthroquest 46:22-23.
55. Shipman, Pat, 1994. "Great Ape Update." Anthroquest 46:30.
55. Shipman, Pat, 1994. "Human ancestor's early steps out of Africa." New Scientist 1806:24.
56. Shipman, Pat, 1994. "On the origin of races." New Scientist 137(1856): 34-37.
57. Shipman, Pat, 1994. "Forgery!" Fortean Times.
58. Shipman, Pat, 1994. "Human Origins: New Australopithecus Finds Revive Debate." Journal of NIH Research 6:34-38.
59. Shipman, Pat, 1994. "Ice Age sculptures found in antique shop." Focus, August, p. 41.

60. Shipman, Pat, 1994. "New H. erectus date creates a puzzle: Who came first?" J NIH Research May, vol. 6:42-44.
61. Shipman, Pat, 1994. "Balancing Act: When Did Hominids First Stand Up?" J NIH Research, September vol. 6: 42-46.
62. Shipman, Pat, 1994. "Those ears were made for walking." New Scientist July 30, vol. 143:26-29.
63. Shipman, Pat, 1994. "Oldest hominid raises new questions about human origins." J NIH Research November, vol. 6:46-48.
64. Shipman, Pat, 1994. "Facing racial differences - together" Chronicle of Higher Education, August 3. B1-B3.
65. Shipman, Pat, 1994. "Racial Differences." Atlanta Constitution, September.
66. Shipman, Pat, 1994. "Legacy of Racism." National Review December 5, 1994. 34-38.
67. Shipman, Pat, 1995. "Climbing the family tree: What makes a hominid a hominid?" J NIH Research, January vol 7(1):51-55.
68. Shipman, Pat, 1995. "One woman's life in science." American Scientist Vol. 83 (4):300-302.
69. Shipman, Pat, 1995. "Bodily fluids precious to researchers." J NIH Research vol. 7 (12):37-39.
70. Shipman, Pat, 1996. "Questions surround dispersed hominids." J NIH Research vol 8 (1):27-28.
71. Shipman, Pat, 1996. "Fur and feathers rose as plates pulled apart." New Scientist 18 May: 18.
72. Shipman, Pat, 1996. "Continental drift: The moving force in origin of species?" J NIH Research 8 (6):28-30.
73. Shipman, Pat, 1996. "mtDNA suggests new dates for the peopling of Europe." J NIH Research vol 8 (10):33-34.
74. Shipman, Pat, 1997. "Birds do it: did dinosaurs?" New Scientist vol. 153 (2067):26-

31.

75. Shipman, Pat, 1997. "Does mtDNA Saw Neandertal Limb Off Human Family Tree?" J NIH Research vol. 9 (9):30-31.

76. Shipman, Pat, 1988. "Knock me down with a feather." The Guardian, June 11, 1998.

77. Shipman, Pat, 1998. "Where there's a quill there's a way." The Independent. June 26, 1998.

78. Shipman, Pat, 1999. "Chasing Dubois' Ghost." American Scientist vol. 87, No. 6: 504-507.

79. Shipman, Pat, 2000. "Doubting Dmanisi." American Scientist vol. 88: 491-494.

80. Shipman, Pat, 2001. "Missing Links: A Scientist Reconstructs Biography." American Scholar vol. 70, no. 1: 81-86.

81. Shipman, Pat, 2001. "On the Nature of Violence." American Scientist vol. 89, 488-489. Reprinted in The Penn Stater vol. 89, no. 2, 44-47.

82. Shipman, Pat, 2001. "Telling Science." Research/Penn State May, 2001, 3. Reprinted in Social Science Education Consortium Bulletin vol. 10, no. 1, 8.

83. Shipman, Pat, 2002. "Hunting the First Hominid." American Scientist. Vol. 90, no. 1.

84. Shipman, Pat, 2002. "A Worm's Eye View of Human Evolution." American Scientist, vol 90, p. 508-510.

85. Shipman, Pat, 2003. "We are all Africans." American Scientist. Vol. 91(6): 496-498.

86. Shipman, Pat, 2003, "Telling Science." www.PalArch.nl. April.

87. Shipman, Pat, 2003. "Growing up Neandertal." American Scientist. Vol. 92 (6): 506-508.

88. Shipman, Pat, 2003. "Bandwürmer; Zeugen der Menschwerdung." Spektrum Oktober: 110-112.

89. Shipman, Pat, 2005. "Being Stalked by Intelligent Design." American Scientist. 93:500-503.

90. Shipman, Pat, 2006. "Missing Links and Found Links." American Scientist.
91. Shipman, Pat, 2006. "Turkish Creationist Movement Tours American College Campuses." National Center for Science Education Reports. 26(5):11-13.
92. Shipman, Pat, 2007. "Research Yields New Insights into the Cause of Diabetes." Science Journal, spring: 8-9.
93. Shipman, Pat, 2007. "Researchers Discover Master Metabolism Regulator with Links to Obesity, Heart Disease, and Malnutrition." Science Journal, spring: 9-10.
94. Shipman, Pat, 2007. "Freed to Fly Again." American Scientist 96:20-23.
95. Shipman, Pat, 2008. "Richard Dawkins' The Selfish Gene." New York Sun.
96. Shipman, Pat, 2008. "The Rat's Tale." American Scientist 96: 455-458.
97. Shipman, Pat, 2008. "Piecing Together an Extinct Lemur, Large as Big Baboon." Science Journal.
98. Shipman, Pat, 2009. "Amerikas Besiedlung bleibt ein Rätsel." Archaeologie en Deutschland.
99. Shipman, Pat, 2009, in press. "The Woof at the Door." American Scientist.

BOOKS

- 1981 Shipman, Pat. Life History of a Fossil: An Introduction to Taphonomy and Paleoecology Harvard University Press, Cambridge.
- 1985 Shipman, Pat, Alan Walker, and David Bichell. The Human Skeleton. Harvard University Press, Cambridge.
- 1992 Trinkaus, Erik, and Pat Shipman. The Neandertals: Changing the Image of Mankind. Alfred A. Knopf, Inc., New York.
- 1994 Shipman, Pat. The Evolution of Racism: Human Differences and the Use and Misuse of Science. Simon & Schuster, New York.
- 1995 Walker, Alan, and Pat Shipman. The Wisdom of the Bones. Alfred A. Knopf, Inc.,

New York.

- 1998 Shipman, Pat. Taking Wing: Archaeopteryx and the Evolution of Bird Flight. Simon and Schuster, New York.
- 2001 Shipman, Pat. The Man Who Found the Missing Link. Simon & Schuster, N.Y.
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