

Name: Harvey D. Blankespoor
Birthdate: October 15, 1939

Education:

B.A. 1963 Westmar College (Le Mars, Iowa)
M.S. 1967 Iowa State University (Ames, Iowa)
Ph.D. 1971 Iowa State University (Ames, Iowa)

Professional Experience:

Assistant Professor, University of Northern Iowa, 1970-71. General Biology.
Assistant Professor, Trinity Christian College, 1971-72. General Biology.
Assistant Professor of Zoology and Assistant Research Scientist, University of Michigan, 1972-76. Parasitology.
Assistant Professor of Zoology, University of Michigan and Michigan State University, Biological Field Stations, 1975-present. Parasitology.
Associate Professor of Biology, Hope College, 1977-84.
Full Professor of Biology, Hope College, 1984-2002
Professor Emeritus of Biology 2002-present

Honors and Awards:

National Institute of Health, Education, and Welfare. Predoctoral Fellowship (1967-70). \$22,000.
Iowa State University Foundation Research Fellowship (1967-68). \$4,500.
Thomas McBride Scholarship - summers at Iowa Lakeside Laboratory (1965-69). \$500/summer).
Chester A. Herrick Award (Annual Midwest Conference of Parasitologists) Loyola University, 1970. \$200.
Postdoctoral Fellowship, Iowa Lakeside Laboratory (Summer 1971). \$1,500.
Innovative Fund Award, University of Michigan College of Literature, Science and Arts (1/11/73 - 6/30/74). \$650.
Class of 1923 Science and Literary Award for Outstanding Teaching of Undergraduates At the University of Michigan. \$1,000.
Hope's Outstanding Professor-Educator Award as voted by the Senior Class of 1980.
Recipient of Reverend Frederich Garrett and Helen Floor Dekker Endowed Chair. (1988).
Council for the Advancement and Support of Education (CASE) 1991 U.S. Professor of Year: \$10,000.
Award for Excellence in Teaching. Shandong University, People's Republic of China (1997).
Honorary Faculty Award. Shandong University, People's Republic of China (1997).
Qi-Lu Friendship Award. People's Republic of China (1999).

Professional Societies:

American Microscopical Society
American Society of Parasitologists
Michigan Academy of Science, Arts and Letters
Helminthological Society of Washington
Sigma Xi

Grants and Contracts:

Special Research Assistance Grant, University of Michigan College of Literature,
Science and Arts (4/1/73-6/30/75). \$2,205.
Faculty Research Grant, University of Michigan Horace H. Rackham School of Graduate
Studies (1/1/75-1/31/75). \$2,415.
Rockefeller Grant to promote Parasitology at the University of Michigan, especially at
the undergraduate level (1974-77). \$25,000.
Recipient of NSF Award, Supplement Funding on Effects of Diplostomum on the
predator-prey interactions of fish. \$11,000, 1983.
Project Director, Schistosome Cycles (NIH project at the University of Michigan with a
total budget of \$67,557). 1973-74.
Co-Director, Schistosome Cycles Project (annual budget of \$105,069-155,000), Univer-
sity of Michigan. 1974-76.
Faculty Advisor for Student-Originated Studies (National Science Foundation) \$15,334.
Summer of 1980.
Project Director, "Transmission of Schistosoma haematobium in the Gezira, Sudan."
The Edna McConnell Clark Foundation, \$48,000, 1982-1984.
Project Director, "Control of Swimmer's Itch in Michigan." State of Michigan. \$150,0-
00. 1985-87.
Project Director, Collaborative Studies on Paragonimiasis in Ecuador. Anonymous
Donor, \$38,050. 1987-90.
Project Director, Swimmer's Itch Control in Leelanau Co., Michigan. \$105,000. 1990-
92.
Project Director, Swimmer's Itch Control on Michigan lakes. \$126,600. 1992-94.
Project Director, Swimmer's Itch Control on Michigan Lakes. \$47,500. 1995-96.
Project Director, Herman Miller Gift. \$69,000. 2000-2002
Project Director, Control of Swimmer's Itch on Belgrade Lakes, Maine. \$75,500.
2000-2002

Publications:

- Blankespoor, H. D. 1967. Helminths from six species of Iowa bats. M.S. Thesis, Iowa State University Library, Ames, Iowa.
- Blankespoor, H. D. and M. J. Ulmer. 1970. Trematodes from six species of Iowa bats. Iowa Academy of Science 77:200-206.
- Blankespoor, H. D. 1971. Host-parasite relationships of an avian trematode, Plagiorchis noblei Park, 1936. Dissertation Abstracts, Vol. 31, No. 12.
- Blankespoor, H. D. and M. J. Ulmer. 1972. Prosthodendrium volaticum sp. n. (Trematoda: Lecithodendriidae) from two species of Iowa bats. Proc. Helminthological Society of Washington 39(2):224-226.
- Blankespoor, H. D. 1973. Role of Lymnaea reflexa (Say) and Lymnaea stagnalis (Say) as first intermediate hosts of Plagiorchis noblei Park, 1936. Malacological Review 6:65-66.
- Blankespoor, H. D. 1974. Flukes and Snails by C. A. Wright (Book Review). Malacological Review 7:165.
- Blankespoor, H. D. 1974. Host-induced variations in Plagiorchis noblei Park, 1936 (Plagiorchiidae: Trematoda). The American Midland Naturalist 92(2):415-433.
- Blankespoor, H. D. and P. A. Szymusiak. 1974. Helminths from Myotis keenii (Merriam) in eastern Iowa. Journal of Parasitology 60(6):934.
- Blankespoor, H. D. 1975. Host-specificity of Plagiorchis noblei Park, 1936 (Plagiorchiidae: Trematoda). Transactions of the American Microscopical Society 94(3):433-434.
- Sauer, H. J., B. Gonik and H. D. Blankespoor. 1975. Snail host-specificity of the nonhuman schistosome Gigantobilharzia huronensis Najim (1950). Malacological Review 8:122 (Abstract).
- Blankespoor, H. D. 1976. Notes on some helminths from Bahamian fishes. The Drum and Croaker 16(1):35-38.
- Blankespoor, H. D. and H. van der Schalie. 1976. Attachment and penetration of miracidia observed by scanning electron microscopy. Science 191:291-293.
- Blankespoor, H. D. 1977. Attachment and penetration of schistosome miracidia. Front Cover of 1977 January issue of BioScience.

- Blankespoor, H. D. 1977. Notes on the biology of Plagiorchis noblei Park 1936 (Trematoda: Plagiorchiidae). Proceedings of Helminthological Society of Washington 44(1):44-50.
- Ford, J. W. and H. D. Blankespoor. 1977. Scanning electron microscope of the eggs of Schistosoma. International Journal for Parasitology 9:141-145.
- Guth, D. J., H. D. Blankespoor and J. Cairins, Jr. 1977. Potentiation of zinc stress caused by parasitic infections of snails. Hydrobiologia 55(3):226-229.
- Osuna, O., G. T. Edds and H. D. Blankespoor. 1977. Toxic effects of aflatoxin B₁ in male holstein calves with prior infection by flukes (Fasciola hepatica). American Journal of Veterinary Research 38(3):341-349.
- Siefker, C. M., J. N. Cather and H. D. Blankespoor. 1977. Tolerance of Biomphalaria glabrata embryos to continuous thermal stress. Malacological Review 10:31-36.
- van der Schalie, H. and H. D. Blankespoor. 1977. Potential use of solar energy for snail control. The Biologist 59(1):16-24.
- Smales, L. R. and H. D. Blankespoor. 1978. The epidermis and sensory organs of Dugesia tigrina (Turbellaria: Tricladida): a scanning electron microscope study. Cell and Tissue Research 183:35-40.
- Van der Schalie, H. and H. D. Blankespoor. 1978. Flukes that affect world progress. Ward's Bulletin 17(106):1-3.
- Guth, B. D., H. D. Blankespoor, R. L. Reimink and W. C. Johnson. 1979. Prevalence of dermatitis-producing schistosomes in natural bird populations of lower Michigan. Proceedings of the Helminthological Society of Washington 46(1):48-53.
- Blankespoor, H. D. 1980. Answers to 25 of the most frequently asked questions about swimmers' itch. The Michigan Riparian (June):9,23.
- Blankespoor, H. D. 1980. Swimmers' itch in Michigan. Special publication for the Michigan Department of Natural Resources (Lansing), 9 pp.
- Blankespoor, H. D. 1980. What you should know about Swimmers' itch. Special bulletin, 2 pp.
- Blankespoor, H. D. 1981. Front cover of the July/August issue of BioScience. A strepsiteran, Xenos peckii, between the abdominal segments of the paper wasp, Polistes fuscatus.

- Gentile, J. M., D. Clark, B. DeRuiter, M. Johnson and H. D. Blankespoor. 1981. The activation of promutagens in parasite-infected organisms. *Environmental Mutagenesis* 3:391 (Abstract).
- Strohm, B., H. D. Blankespoor and P. Meier. 1981. Natural infections of the dermatitis-producing schistosome Gigantobilharzia huronensis Najim, 1950 in passerines in southeastern Michigan. *Proceedings of the Helminthological Society of Washington* 48(1):80-82.
- Blankespoor, H. D. 1982. Pictorial illustration associated with the disease, Schistosomiasis. *Medical and Health Annual of the Encyclopaedia Britannica*.
- Blankespoor, H. D. 1982. Pictorial illustration associated with the disease, Schistosomiasis. *Livro Do and Ciencia E Tecnologia*.
- Blankespoor, H. D., D. Wittrock, J. Aho and G. W. Esch. 1982. Host-parasite interface of the vent fluke, Collyriclum faba. *Zeitschrift für Parasitenkunde* 68:191-199.
- Coy, K. B., H. D. Blankespoor and M. J. Ulmer. 1982. Recruitment of digenetic trematodes using caged snails. *Journal of Parasitology* 68(3):496-500.
- Kulesa, M. W., H. D. Blankespoor and K. E. Roney. 1982. Prevalence of avian schistosomes in Physa integra from southwestern Michigan. *Proceedings of the Helminthological Society of Washington* 49(1):14-18.
- Boss, N. C., T. G. Laman and H. D. Blankespoor. 1984. Dispersal movements of four species of pulmonate and operculate snails in Douglas Lake, Michigan. *The Nautilus* 98(2):80-83.
- Laman, T. G., C. Boss and H. D. Blankespoor. 1984. Depth distribution of seven species of gastropods in Douglas Lake, Michigan. *The Nautilus* 98(1):20-25.
- Laman, T. G., D. L. Daniell and H. D. Blankespoor. 1984. Role of Gyraulus parvus as an intermediate host for avian schistosomes. *Proceedings of the Helminthological Society of Washington* 51:267-269.
- Smales, L. R. and H. D. Blankespoor. 1984. Echinostoma revolutum (Froelich, 1802) Looss, 1899 and Isthmiophora melis (Schrank, 1788) Lühe, 1909 (Echinostomatinae, Digenea): Scanning electron microscopy of the tegumental surfaces. *Journal of Helminthology* 58:187-195.
- Babiker, S. M., H. D. Blankespoor, A. Fenwick and A. A. Daffalla. 1985. Transmission of Schistosoma haematobium in Northern Gezira, Sudan. *Transactions of the Royal Society of Tropical Medicine and Hygiene* 88:65-73.

- Blankespoor, H. D., S. Cameron and J. Cairins, Jr. 1985. Resistance of pulmonate snail populations to repeated treatments of copper sulfate. *Environmental Management* 9(5):455-458.
- Blankespoor, H. D., G. W. Esch and W. C. Johnson. 1985. Some observations on the Biology of Collyriclum faba. *Journal of Parasitology* 71:469-471.
- Gentile, J. M., S. Brown, M. Aardema, D. Clark and H. D. Blankespoor. 1985. Modified mutagen metabolism in Schistosoma hematobium-infested organs. *Archives of Environmental Health* 40(1):5-12.
- Blankespoor, H. D. and R. L. Reimink. 1986. Swimmer's itch: symptoms and control. *Midwest Aquatic Society Management Letter* 6:1 (Abstract).
- Gaff, S., B. Vandewaa, H. Blankespoor and J. Gentile. 1986. Promutagen activation in Schistosoma haematobium-infected hamsters. *Environmental Mutagenesis* 4:330 (Abstract).
- Blankespoor, H. D. and R. L. Reimink. 1987. Swimmer's itch: an update on control. *Midwest Aquatic Society Management Letter* 7:2 (Abstract)
- Blankespoor, H. D. and R. L. Reimink. 1988. Control of swimmer's itch in Michigan: Past, present and future. *The Michigan Riparian* (May), p. 10, 19.
- Blankespoor, H. D. and R. L. Reimink. 1988. Swimmer's Itch: A Preventive Approach. *Lake Line* 8: 4-5.
- Blankespoor, H. D., S. M. Babiker and C. L. Blankespoor. 1989. Influence of temperature on the development of Schistosoma haematobium in Bulinus truncatus. *Journal of Medical and Applied Malacology* 1:123-131.
- Vaca, O., Guderian, R. and H. Blankespoor. 1989. Estudio de un foco de Paragonimiasis pulmonar en el Oriente Ecuatoriano. *Actualidad* 5(14):7-11.
- Blankespoor, H. D. and R. L. Reimink. 1991. The control of swimmer's itch in Michigan: past, present and future. *Michigan Academician* 24:7-23.
- Blankespoor, H. D. and R. L. Reimink. 1993. Swimmer's Itch. Special Publication. Hope College.
- Blankespoor, G. W., B. Loken, H. D. Blankespoor and R. L. Reimink. 1995. Breeding populations of mallards, *Anas platyrhynchos*, on four urbanized lakes in Michigan. *The Canadian Field Naturalist* 108(3):292-296.
- Blankespoor, H.D. 1997. Classroom atmosphere: A personal inventory. In: *Inspiring Teaching*, Ed. J. K. Roth. Anker Publishing, Inc. Bolton, MA. 236.

- Keas, B., H.D. Blankespoor. 1997. The prevalence of Cercariae from *Stagnicola emarginata* over 50 years in Northern Michigan. *J. of Parasitology*. 83: pp. 536-540.
- Gentile, J. M., G. J. Gentile, B. Nannenga, M. Johnson, H. Blankespoor and R. Montero. 1998. Enhanced liver cell mutations in trematode-infected Big Blue transgenic mice. *Mutation Research* 400:355-360.
- Blankespoor, G. W., H. D. Blankespoor and M. F. Houdek. 1998. Migrant and breeding common mergansers (*Mergus merganser*) on Crystal Lake, Michigan. *Michigan Birds and Natural History* 5(3):105-117.
- Blankespoor, H.D., Reimink, R. 1998. An apparatus for individually isolating large numbers of snails. *J. of Parasitology*. 84: 165-167.
- Ma Cui-qing, Xu Ping, Sun Ji-bin, and Harvey D. Blankespoor. 1999. The organo-biodesulfurization of dibenzothiophene by spectrophotometry. *Journal of Wuxi University of Light Industry*. 18 (6):70-73.
- Blankespoor, H.D. 1999. Introducing scientific methods at Shandong University. *Openings*. 68 (6): 64-65.
- Montero, R., G. J. Gentile, L. Frederick, J. McMannis, T. Murphey, H. Blankespoor and J. M. Gentile. 1999. Induced expression of CYP2A5 in inflamed trematode-infested mouse liver. (Submitted to *Int. J. Cancer*.) *Mutagenesis* 14 (2): 217-220.
- DeJong, Randy J., Harvey D. Blankespoor and Ronald L. Reimink. 2000. Hematozoa of common mergansers (*Mergus merganser*) from Douglas Lake in northern Michigan. Submitted to *Journal of Wildlife Diseases*.
- Blankespoor, H.D. 2000. Patterns of swimmer's itch in the northern part of the Lower Peninsula of Michigan, U.S.A., *J. Med. and Appl. Malacol*. 10:47-55.
- Blankespoor, C.L., R. L. Reimink, H.D. Blankespoor. 2001 Efficacy of Praziquantel in treating natural schistosome infections in Common Mergansers. *J. Parasitol*, 87:424-426.
- Xu, Ping., Li, Fuli., Yu, Jian., Ma, Cuiqing., Zhong, Jianjiang., Qu, Yumbo. and Harvey D. Blankespoor. 2002. Microbial desulfurization of fuel oil. *Chinese Science Bulletin* 47 (5): 365-369.
- Xu, Ping., Ma, Cuiqing., Li, Fuli., Tong, Mingyou., Zeng, Yiyong., Wang, Shuning and Harvey D. Blankespoor. 2002. Preparation of microbial desulfurization catalysts. *Chinese Science Bulletin* 47 (13): 1077-1081.

- Verbrugge, Lois M., Rainey, Jeanette J., Reimink, Ronald L. and Harvey D. Blankespoor. 2003. Swimmer's itch: Incidence and risk factors. *American Journal of Public Health* 94 (5): 738-741.
- Zhao, Xiao-Fan., Li, Zhao-Min, Wang., Jin-Xing, Wang., Jia-Bao, Wang., Sheng-Li, and Harvey D. Blankespoor. 2003. Efficacy of RH-2485, a new non-steroidal ecdysone agonist, against the cotton boll worm; *Helicoverpa armigera* (Lepidoptera: Noctuidae) on the laboratory and field. *Crop Protection* 22: 959-965.
- Blankespoor, Harvey D. and Curtis L. Blankespoor. 2004. Distribution of schistosome cercarial dermatitis in the United States. *Journal of Medical and Applied Malacology* (in press).
- Liu, Jenny J. and Harvey D. Blankespoor. 2003. A phonetic and acoustic investigation of the concept of tonal space. *Proceedings of the 15th International Congress of Phonetic Sciences*: 2669-2672. Barcelona, Spain. 3-9 August 2003
- Liu, Jenny J., Blankespoor, H. D. and William S-Y. Wang. 2003. On phonetic aspects of tonal register features. *Proceedings of the 15th International Congress of Phonetic Sciences*: 953-956. Barcelona, Spain. 3-9 August 2003
- Verbrugge, Lois M., Rainey, Jeanette J., Reimink, Ronald L. and Harvey D. Blankespoor. 2004. Prospective study of swimmer's itch incidence and severity. *Journal of Parasitology* 90(4): 697-704.
- Li, L., Xu, P. and H. D. Blankespoor. 2004. Degradations of carbazole in the presence of non-aqueous phase liquids by *Pseudomonas* sp. *Biotechnology Letters* 26: 581-584.