

L. David Mech
CURRICULUM VITAE

Born: January 18, 1937, Auburn, NY
Residence: 1704D Pleasant St., St. Paul, MN 55113

FORMAL EDUCATION:

B.S. Degree, Conservation, Cornell University, 1958, Ithaca, NY
Ph.D. Degree, Wildlife Ecology, Purdue University, 1962, Lafayette, IN

OCCUPATION:

Senior Research Scientist (ST), 1999 to present; Wildlife Research Biologist (GS 12-GM 15), 1969 to 1999; Biological Resources Division of the U.S. Geological Survey (formerly Division of Endangered Species Research, U.S. Fish and Wildlife Service), Northern Prairie Wildlife Research Center, 8711 37th Street, SE, Jamestown, North Dakota 58401-7317. Headquartered at The Raptor Center, 1920 Fitch Avenue, University of Minnesota, St. Paul, MN 55108 (mechx002@umn.edu).

Websites:

www.davemech.org
www.npwrc.usgs.gov/npscinfo/mech/mech.htm
pwrc.nbs.gov/mechnc.htm
fw.umn.edu/Personnel/Faculty/Mech.html
arctic.noaa.gov/essay_mech.html
www.wolf.org

Adjunct Professor, Department of Ecology and Behavioral Biology, University of Minnesota, 1979 to present; Department of Fisheries and Wildlife - 1981 to present (Graduate Faculty).

PREVIOUS POSITIONS:

Assistant Professor and Research Associate, Macalester College, 1966-1968.

Research Associate, University of Minnesota, 1963-1966.

Research Assistant, Purdue University, 1958-1962.

RESEARCH INTERESTS:

Wolf ecology and behavior; predator-prey relations; population regulation; social ecology.

PRIMARY RESEARCH:

Ongoing study of (1) wolf population trends and wolf-deer co-actions in the Superior National Forest, Minnesota, 1968 to present, (2) wolf social behavior and prey interactions on Ellesmere Island, Canada, 1986 to present (3) wolf ecology in Yellowstone National Park, 1997 to present.

BOOKS:

THE WOLVES OF ISLE ROYALE, 1966. U.S. Government Printing Office. 210 pp.
(Reprinted 2002. University of the Pacific, Honolulu Hawaii)

THE WOLF: ECOLOGY AND BEHAVIOR OF AN ENDANGERED SPECIES. 1970. Doubleday,
Reprinted in paperback by University of Minnesota Press, 1981. 384 pp.

- HANDBOOK OF ANIMAL RADIO-TRACKING*. 1983. University of Minnesota Press. 108 pp.
- THE ARCTIC WOLF: LIVING WITH THE PACK*. 1988. Voyageur Press, Stillwater, MN. (English, French, Italian, German). 128 pp.
- THE WAY OF THE WOLF*. 1991. Voyageur Press, Stillwater, MN. (English, German). 120 pp.
- WOLVES OF THE HIGH ARCTIC*. 1992. Voyageur Press, Stillwater, MN. 127 pp.
- THE ARCTIC WOLF: TEN YEARS WITH THE PACK*. 1997. Voyageur Press, Stillwater, MN. (English, Hungarian and Czech). 144 pp.
- THE WOLVES OF DENALI*. 1998. University of Minnesota Press. (Mech, Adams, Meier, Burch, and Dale). 227 pp.
- THE WOLVES OF MINNESOTA: HOWL IN THE HEARTLAND*. 2000. Voyageur Press, Stillwater, MN. (Editor, and author of 6 chapters). 146 pp.
- WOLVES: BEHAVIOR, ECOLOGY, AND CONSERVATION*. 2003. University of Chicago Press. (Co-editor of book, and co-author of three chapters). 448 pp.

OTHER PUBLICATIONS:

Approximately 330 scientific and > 100 popular articles on wolves, deer, moose, raccoons, ecology, predation, radio tracking, and conservation. (See separate lists and <http://library.npwrc.cr.usgs.gov/starweb/staffbio/servlet.starweb?path=staffbio/mech.web&id=w4biomech&pass=ok&search1=AUF%3DMech,+L.+D.&format=staffpubs>)

MOVIE FILMS AND AUDIO VISUAL PRESENTATIONS:

Chief consultant and contributed footage to *Following the Tundra Wolf*, Peace River Films, Inc. 1974.

Techniques of Animal Immobilization by U. S. Seal and L. D. Mech. 24 min., sound, color. Sponsored by World Wildlife Fund International and Project Tiger – India. 1983.

Animal Immobilization -Techniques of Drug Delivery by U. S. Seal and L. D. Mech. 20 min., sound color. Sponsored by World Wildlife Fund International and Project Tiger – India. 1984.

Co-Narrator, Scientific Consultant, and participant in *Brother Wolf* multi-projector, sound, slide presentation. (Gold Award winner, 1987 New York Film and TV Festival).

Scientific consultant and participant in *White Wolf*, BBC/National Geographic TV documentary, 1988.

Chief consultant and participant in *Wolves, with Timothy Dalton*, PBS TV Special, Fall 1993.

PROFESSIONAL AND HONORARY SOCIETIES:

American Society of Mammalogists
Ecological Society of America
Gamma Sigma Delta
Sigma Xi
Wildlife Society
Chair, World Conservation Union (IUCN) Wolf Specialist Group, 1978 to present.

BOARD MEMBERSHIPS:

Board of Directors, Minnesota Zoological Society, 1972-1980.

Board of Directors, Springbrook Nature Center, 1973-1976.

Founder of International Wolf Center, Past Chair of Board of Directors, Present Vice-Chair of Board, 1985 to present.

SPECIAL ASSIGNMENTS:

Member, Eastern Timber Wolf Recovery Team, U.S. Fish and Wildlife Service, 1972 to present.

Consultant, Northern Rocky Mountain Wolf Recovery Team, U.S. Fish and Wildlife Service, 1975 to present.

Consultant, Red Wolf Recovery Team, U.S. Fish and Wildlife Service, 1978 to present.

Member, WORLD CONSERVATION UNION (IUCN) Wolf Specialist Group, 1972 to present.

Chair, WORLD CONSERVATION UNION (IUCN) Wolf Specialist Group, 1978 to present.

Chairman, Working Group on Bobcat, Lynx, and River Otter, U.S. Endangered Species Scientific Authority (ESSA), 1978.

Chief Consultant, Science Museum of Minnesota's major traveling exhibit "Wolves and Humans." 2.6 million viewers. 1983.

Contributor, Essay: "A Distant Perspective on the Future of Americans Outdoors" in *Report of the President's Commission on Americans Outdoors*. 1986.

Member, Glacier National Park Science Advisory Council, 1988-1989.

Participant, National Science Foundation workshop on "Research Priorities for Single Species Conservation Biology," Front Royal, VA. November 13-16, 1988.

Consultant, Wolf reintroduction into Yellowstone and Central Idaho, U.S. Fish & Wildlife Service, U.S. National Park Service, 1995-present.

PATENTS:

No. 4,652,261, March 24, 1987. Drug-injection animal capture collar, L. D. Mech, R. C. Chapman, W. W. Cochran; manufactured by Minnesota Mining and Manufacturing (3M), Inc. Currently manufactured by Advanced Telemetry Systems, Isanti, MN.

SEMINARS AND TALKS

Approximately 20 per year at colleges, universities, museums, etc.

REVIEWER FOR:

Journals:

Acta Zoologica Fennica, Behaviour, Canadian Field Naturalist, Canadian Journal of Zoology, Journal of Mammalogy, Journal of Wildlife Management, Mammals of the World, National Wildlife, Science, Wildlife Society Bulletin and others.

Granting Agencies:

Canada Council, Mardag Foundation, National Geographic Society, National Institutes of Health, National Science Foundation, World Wildlife Fund International.

CONSULTING EDITOR:

Wildlife Monograph No. 49 - *Morphology, reproduction, dispersal, and mortality of Midwestern red fox populations*. Gerald L. Storm, Ronald D. Andrews, Robert L. Phillips, Richard A. Bishop, Donald B. Siniff, and John R. Tester. April 1976. 82 pages.

Wildlife Monograph No. 84 - *Interrelationships of wolves, prey, and man in interior Alaska*. W. C. Gasaway, R. O. Stephenson, J. L. Davis, P. E. K. Shepherd, O. E. Burris. 1984. 50 pages.

HONORS AND AWARDS:

Special Achievement Award, U.S. Fish and Wildlife Service (for wolf research in Minnesota), 1970.

Terrestrial Wildlife Publication Award, The Wildlife Society, (for book *THE WOLF*), 1972.

Civil Servant of the Year Award, U.S. Fish and Wildlife Service, Region III, 1973.

Best Wildlife Book Award, Symposium on Threatened and Endangered Wildlife, Washington, DC (for *THE WOLF*), 1974.

Distinguished Service in Science Education and Science Research Award, Minnesota Academy of Sciences, 1981.

Special Achievement Award, U.S. Fish and Wildlife Service (for publication record, 1975-1980), July 1981.

Gulf Oil Professional Conservationist Award, 1984.

The Minnesota Award, for Outstanding Contribution to the Profession of Wildlife Management. Minnesota Chapter, The Wildlife Society, January 1986.

Professional Award of Merit, North Central Section, The Wildlife Society, 1988.

Best Book by Minnesota Author 1989, Book Arts Category for *THE ARCTIC WOLF: LIVING WITH THE PACK*, from Minnesota Festival of the Book.

Aldo Leopold Award for Distinguished Service to Wildlife Conservation. The Wildlife Society, Washington DC, March 23, 1993.

Outstanding Job Performance, National Biological Service, 1994.

Distinguished Agricultural Alumni Award, Purdue University, April 1995.

Research Award for Superior Effort to Enhance Human-Wildlife Relationships, Jack C. Berryman Institute for Wildlife Damage Management, 1998.

National Outdoor Book Awards, Honorable Mention for *The Arctic Wolf: Ten Years with the Pack*, 1998.

National Conservation Achievement Award for Science, National Wildlife Federation, 1999.

Star Award (\$2,000 bonus) for "Outstanding Efforts and Dedication." Biological Resources Division, U.S. Geological Survey, February 8, 2000.

“L. David Mech Distinguished Undergraduate Research Award” program instituted in the Department of Forestry and Natural Resources, Purdue University, March 1, 2000.

Shoemaker Distinguished Lifetime Achievement Award for science and education, U.S. Geological Survey, November 3, 2000.

Star Award (\$1,000 bonus) for “Outstanding Efforts and Dedication.” Biological Resources Division, U.S. Geological Survey, April 17, 2001.

National Park Service Director’s Award for National Natural Resources Researcher of the Year, 2003 (\$2,000 cash, bronze sculpture) March 23, 2004.

Wildlife Publications Award for Outstanding Edited Book Category, The Wildlife Society (for the book *WOLVES: BEHAVIOR, ECOLOGY, AND CONSERVATION*), 2004.

Scientific Publication Award, for editing *Wolves: Behavior, Ecology, and Conservation*. Northern Prairie Wildlife Research Center. Biological Resources Division, US Geological Survey. May 18, 2004.

Award for Wildlife Conservation and Research, International Wildlife Photography Society of Spain. February 2005.

Honorary D. A. Degree, Purdue University. May 15, 2005.

Meritorious Service Award, U.S. Department of the Interior. August 17, 2005.

Job Performance Award, (\$5,000), April 13, 2006, U.S. Geological Survey

Job Performance Award, (\$5,000), February 2008, U.S. Geological Survey

Cooperative Conservation Award, U.S. Department of the Interior. For wolf recovery in the upper Midwest. May 9, 2007.

MN 150. Selected as one of “150 people, places, and things that shape our state” by the Minnesota Historical Society in honor of Minnesota’s Sesquicentennial. October 11, 2007.

([http://discovery.mnhs.org/MN150/index.php?title=L. David Mech](http://discovery.mnhs.org/MN150/index.php?title=L._David_Mech)) . .

Minnesota Conservation Hero. Selected as one of Minnesota’s conservation leaders by Conservation Minnesota. (Formerly League of Conservation Voters.) March 10, 2008.

<http://www.conservationminnesota.org/news.cfm?at=1&aid=353>

OTHER ACHIEVEMENTS:

Founder and current vice-chair, International Wolf Center, Ely, MN (501.C3 non-profit organization for public education about wolves and wolf recovery); 13,000 members; 20 employees; 32-page quarterly publication *International Wolf* (distribution 15,000). Web site www.wolf.org.

MAJOR FOREIGN ASSIGNMENTS:

Kenya, Tanzania - August 1970, consulted on leopard and lion radiotracking - Tsavo National Park, Serengeti Research Institute, and ABC-TV.

Northwest Territories - July 1971 - wolf-caribou study – *National Geographic* magazine.

Italy - April 1974 - assisted and advised local biologists in live-trapping, anesthetizing, radio-collaring, and radio-tracking wolves, and in setting up wolf research project - World Wildlife Fund.

Manitoba - 1 week, September 1975, advised and assisted Canadian Wildlife Service in live-trapping, anesthetizing, radio-collaring, and radio-tracking wolves in Riding Mountain National Park.

India - April 1976 and February 1980 with Dr. U. S. Seal, taught radio-telemetry and animal anesthesia, World Wildlife Fund and Project Tiger (India government) and Forestry Research Institute Personnel under the auspices of World Wildlife Fund, Project Tiger, and U.S. Fish and Wildlife Service. Dated and radio-tagged elephants, tigers, Asian lions, and ungulates.

Alaska - Several trips - set up and advised on research on wolves, moose, and bears on Kenai National Moose Range and on wolves in Arctic National Wildlife Refuge (ANWR). Directed long-term study of wolves and prey (caribou, moose, Dall sheep), Denali National Park, February 1986 to 1997 for U.S. National Park Service.

U.S.S.R. - September 23 - October 8, 1978 - IUCN General Assembly meeting and arrangements for future US-USSR Exchange program on Censusing Large Mammals. February 10-24, 1979, reviewed wildlife censusing in USSR.

Sweden - March 16-20, 1981, one of four guest lecturers in a full-time short course on "Predation and Competition in Vertebrate Communities" at the University of Lund.

Spain-Portugal - May 15-30, 1981, consulted with governments of Portugal and Spain to help initiate a cooperative wolf project between the two countries.

Mexico - March 3-9, 1986, advised Mexican authorities regarding conservation and research on the Mexican wolf.

Ellesmere Island, Nunavut, Canada - Spring, summer 1986, *National Geographic* magazine; summer 1987 co-produced National Geographic/BBC TV documentary (*White Wolf*); summer, 1988-2007, for continued study of wolf social behavior and relations with prey.

Italy - September 14-15, 1994, advised government of Tuscany about wolf management.

Croatia - June 6-12, 1998, advised government about wolf conservation and management.

Spain - June 6-13, 1999, advised government about wolf conservation and management.

Sweden - April 30-May 4, 2002, participated in panel on conservation genetics of the Scandinavian wolf population. (Grimso Wildlife Research Station, Swedish University of Agricultural Sciences).

BIOGRAPHICAL LISTINGS:

5,000 Personalities of the World
American Men and Women in Science
Community Leaders and Noteworthy Americans
Contemporary Authors
Dictionary of International Biography
Famous Personalities in the Midwest
International Authors and Writers Who's Who
International Book of Honor
International Directory of Distinguished Leadership
International Scholars Directory
Marquis Who's Who
Men of Achievement
The Writers Directory

Who's Who in Frontiers of Science and Technology
Who's Who in the Midwest