

ROLF OLIN PETERSON

Date of birth: April 5, 1949, Minneapolis, Minnesota, U.S.A.

Home address: 605 - West 2nd St., Houghton, Michigan 49931
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Professional address: School of Forestry and Wood Products, Michigan
Technological University, Houghton, Michigan 49931
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Education:

1966 - Roosevelt High School, Minneapolis, Minnesota
1970 - B.A., Zoology, University of Minnesota, Duluth
1974 - Ph.D., Wildlife Ecology, Purdue University

Employment (at Michigan Technological University)

1987 - present: Professor, School of Forestry and Wood Products
1983 - 1987: Associate Professor, Biological Sciences
1975 - 1983: Assistant Professor, Biological Sciences

Memberships:

The Wildlife Society, American Society of Mammalogists, American Association for the Advancement of Science, Sigma Xi, Xi Sigma Pi (forestry honorary), Gamma Sigma Delta (agriculture honorary).

Honors and Awards:

1966 - Clear Air, Clear Water--Unlimited, conservation essay state contest winner, \$1,000 scholarship
1966 - Minneapolis Downtown YMCA Leader-of-the-Year Award
1970 - Outstanding Senior Award in Biology, University of Minnesota, Duluth
1970 - Graduated Summa Cum Laude in Zoology, University of Minnesota, Duluth
1970-1973 - Pre-doctoral Fellowship Award, National Science Foundation
1980 - Wildlife Society Publication Award, Outstanding Monograph of the Year, 1979, for "Wolf Ecology and Prey Relationships on Isle Royale"
1982 - Gulf Oil Conservation Award, one of ten professional conservationists recognized nationally in 1982.
1990 - Distinguished Moose Biologist Award, from 26th North American Moose Conference, awarded for major contribution toward management of moose in North America.
1991 - Annual Research Award, Michigan Technological University
1999 - "Best Reporting" Award from Minnesota Magazine and Publications

Association for article published in Lake Superior magazine entitled “Of Moose and Wolves”

2002 – Founders Award, Isle Royale Institute

2004 – Distinguished Alumni Award, University of Minnesota, Duluth

Professional Service external to Michigan Technological University

1993 – present, member and Secretary of the Board of Directors, International Wolf Center (Minnesota)

1993 – present, Chair, Houghton School Forest Planning Committee

1996 – present, Team Leader for Recovery Team for the Eastern Gray Wolf, appointed by U.S. Fish and Wildlife Service

1988 – present, Expedition Leader for Earthwatch volunteers studying “Moose and Wolves of Isle Royale, involving over 300 participants

Current Research Interests:

Have been highlighted in general interest articles in National Geographic, Newsweek, Michigan Natural Resources, Ranger Rick, National Wildlife, Audubon, New York Times, Wall Street Journal, and annually on national wire services for news media.

Total of 72 technical articles published in *Science* (2), *Nature* (1), and 18 other scientific journals, plus 9 books and conference proceedings.

Included support for over 20 graduate students at the masters and doctoral levels.

1970 – 2000, principal investigator for long-term research on wolves and moose, Isle Royale National Park

1995 – 2000, consultant for wolf research and co-principal investigator for elk studies, Yellowstone National Park, at request of National Park Service

1997 – 2000, management-oriented wolf research in Minnesota (for Voyageurs National Park) and mainland Michigan (for Michigan Department of Natural Resources)

1999 – 2000, consultant and co-investigator for wolf research and monitoring in Norway, at request of Directorate for Nature Management

Publications:

BOOKS

Peterson, R.O. 1977. Wolf ecology and prey relationships on Isle Royale. U.S. National Park Service Scientific Monograph Series No. 11. U.S. Govt. Printing Office, Washington, D.C. 210 pp.

Peterson, R.O. 1995. The Wolves of Isle Royale – A Broken Balance. Willow Creek Press, Minocqua, WI. 190 pp.

PUBLICATIONS IN REFEREED JOURNALS AND PROCEEDINGS

1. Peterson, R.O., and D.L. Allen. 1974. Snow conditions as a parameter in moose-wolf relationships. *Naturaliste canadienne* 101:481-492.
2. Peterson, R.O. 1975. Wolf response to increased moose vulnerability in Isle Royale. *Proceedings of the North American Moose Conference* 11:344-368.
3. Franzmann, A.W. and R.O. Peterson. 1978. Moose calf mortality assessment. *Proceedings of the North American Moose Conference* 14:247-269.
4. Ballard, W.B., A.W. Franzmann, K.P. Taylor, T. Spraker, C.C. Schwartz, and R.O. Peterson. 1979. Comparison of techniques utilized to determine moose calf mortality in Alaska. *Proceedings of the North American Moose Conference* 15:362-387.
5. Peterson, R.O. 1979. Wolves of Isle Royale - new developments. Pages 3-18 in Klinghammer, E. (ed.). *The behavior and ecology of wolves*. Garland Publ. Co. 588 pp.
6. Peterson, R.O. 1979. Social rejection following mating of a subordinant wolf. *Journal of Mammalogy* 60:219-221.
7. Peterson, R.O. 1979. The role of wolf predation in a moose population decline. Pages 329-333 in Linn, R. (ed). *Proc. 1st Conference on Scientific Research in National Parks*. USFI NPS Transactions and Proceedings Series No. 5, Vol. I, 681 pp.
8. Franzmann, A.W., C.C. Schwartz, and R.O. Peterson. 1980. Moose calf mortality in summer on the Kenai Peninsula, Alaska. *Journal of Wildlife Management* 44:764-768.
9. Peterson, R.O. and J.M. Morehead. 1980. Isle Royale wolves and National Park management. *Proceedings of the Second Conference on Research in National Parks*. National Technical Information Service, Washington, D.C.
10. Peterson, R.O., D.L. Allen, and J.M. Dietz. 1982. Depletion of bone marrow fat in moose and a correction for dehydration. *Journal of Wildlife Management* 46:547-551.
11. Peterson, R.O. and J.D. Woolington. 1982. The apparent extirpation and reappearance of wolves on the Kenai Peninsula, Alaska. Pages 334-344 in Harrington, F.H. and P.C. Paquet (eds.). *Wolves of the world*. Noyes Publications, Park Ridge, New Jersey. 474 pp.
12. Shelton, P.C. and R.O. Peterson. 1983. Beaver, wolf, and moose interactions in Isle Royale National Park, U.S.A. *Ann. Zoologica Fennica* 74:265-266.

13. Peterson, R.O., J.M. Scheidler, and P.W. Stephens. 1982. Selected skeletal morphology and pathology of moose from the Kenai Peninsula, Alaska and Isle Royale, Michigan. *Canadian Journal of Zoology* 60:2812-2817.
14. Peterson, R.O., C.C. Schwartz, and W.B. Ballard. 1983. Eruption patterns of selected teeth in three North American moose populations. *Journal of Wildlife Management* 47:884-888.
15. Stephens, P.W. and R.O. Peterson. 1983. Wolf-avoidance strategies of moose. *Holarctic Ecology* 7:239-244.
16. Peterson, R.O., T.N. Bailey, and J.D. Woolington. 1983. Wolf management and harvest patterns on the Kenai National Wildlife Refuge, Alaska. Pages 96-99 in Carbyn, L.N. (Ed.). *Wolves in Canada and Alaska*. Canadian Wildlife Service Report Series No. 45. 135 pp.
17. Peterson, R.O., T.N. Bailey, and J.D. Woolington. 1984. *Wolves of the Kenai Peninsula, Alaska*. Wildlife Monograph 88:1-52.
18. Peterson, R.O., R.E. Page, and K.M. Dodge. 1984. Wolves, moose, and the allometry of population cycles. *Science* 224:1350-1352.
19. Seal, U.S., S.M. Schmitt, and R.O. Peterson. 1985. Carfentanil and xylazine for immobilization of moose (*Alces alces*) on Isle Royale. *Journal of Wildlife Diseases* 21:48-51.
20. Stottlemeyer, R., K. Bick, R.A. Janke, R.M. Linn, and R.O. Peterson. 1985. *Isle Royale Biosphere Reserve: History of Scientific Studies*. U.S. Man and the Biosphere Program. Report No. 11, Vol. 1, U.S. Dept. of Interior. 115 pp.
21. Stottlemeyer, R., K. Bick, R.A. Janke, R.M. Linn, and R.O. Peterson. 1985. *Isle Royale Biosphere Reserve: Bibliography of Scientific Studies*. U.S. Man and the Biosphere Program. Report No. 11, Vol. 1, U.S. Dept. of Interior. 55 pp.
22. Peterson, R.O. 1986. Pages 951-967 in *Audubon Wildlife Report 1986*. National Audubon Society, New York. 1,094 pp.
23. Risenhoover, K.L. and R.O. Peterson. 1986. Mineral licks as a sodium source for Isle Royale moose. *Oecologia* 71:121-126.
24. Mech, L.D., R.E. McRoberts, R.O. Peterson, and R.E. Page. 1987. Relationship of deer and moose populations to previous winters' snow. *Journal of Animal Ecology* 56:615-627.
25. Peterson, R.O. and R.E. Page. 1987. Wolf density as a predictor of predation rate. *Swedish Wildlife Research, Suppl.* 1:771-773.

26. Risenhoover, K.L. and R.O. Peterson. 1987. The importance of natural mineral licks to moose in Isle Royale National Park, Michigan. *Swedish Wildlife Research, Suppl. 1*:781-784.
27. Peterson, R.O. and R.E. Page. 1988. The rise and fall of Isle Royale wolves, 1975-1986. *Journal of Mammalogy* 69:89-99.
28. Peterson, R.O. 1988. Increased osteoarthritis in Isle Royale moose. *J. Wildlife Diseases* 24:461-466.
29. Thompson, I. and R.O. Peterson. 1988. Does wolf predation alone limit moose density in Pukaskwa Park?: a comment. *Journal of Wildlife Management* 52:556-559.
30. Peterson, R.O. 1988. The pit or the pendulum: issues in large carnivore management in natural ecosystems. Pp. 105-117 in Agee, J.K. and D.R. Johnson (eds.). *Ecosystem management for parks and wilderness*. University of Washington Press, Seattle. 237 pp.
31. Brandner, T.A., R.O. Peterson, and K.L. Risenhoover. 1990. Balsam fir in Isle Royale National Park, Michigan: effects of moose herbivory and population density. *Ecology* 71:155-164.
32. Bada, J.L., R.O. Peterson, A. Schimmelmann, and R.E.M. Hedges. 1990. Moose teeth as monitors of environmental isotopic parameters. *Oecologia* 82:102-106.
33. Thurber, J.M. and R.O. Peterson. 1990. The effect of regulated lake levels on muskrat, *Ondatra zibethicus*. *Canadian Field-Naturalist* 105:34-40.
34. DelGiudice, G.D., R.O. Peterson, and U.S. Seal. 1991. Differences in urinary chemistry profiles of moose on Isle Royale during winter. *J. Wildlife Diseases* 27:407-416.
35. Lehman, N., A. Eisenhaver, K. Hansen, L.D. Mech, R.O. Peterson, P.J.P. Gogan, R.K. Wayne. 1991. Introgression of coyote mitochondrial DNA into sympatric North American gray wolf populations. *Evolution* 45(1):104-119.
36. Smith, D.W. and R.O. Peterson. 1991. Behavior of beaver in lakes with varying water levels in northern Minnesota. *Environ. Manage.* 15:395-401.
37. Smith, D.W., R.O. Peterson, T.D. Drummer, and D.S. Sheputis. 1991. Overwinter activity and body temperature patterns in northern beavers. *Can. J. Zool.* 69:2178-2182.

38. Thomasma, L. T.D. Drummer, and R.O. Peterson. 1991. Testing the habitat suitability model for the fisher. *Wildlife Society Bulletin* 19:291-297.
39. Thurber, J.M. and R.O. Peterson. 1991. Changes in body size associated with range expansion in the coyote. *J. Mammalogy* 72:750-755.
40. Wayne, R.K., D.A. Gilbert, N. Lehman, K. Hansen, A. Eisenhaver, D. Girman, R.O. Peterson, L.D. Mech, P.J.P. Gogan, U.S. Seal, and R.J. Krumenaker. 1991. Conservation genetics of the endangered Isle Royale gray wolf. *Conservation Biology* 5:41-51.
41. Lehman, N., A. Eisenhaver, K. Hansen, L.D. Mech, R.O. Peterson, P.J.P. Gogan, and R.K. Wayne. 1991. Introgression of coyote mitochondrial DNA into sympatric North American gray wolf populations. *Evolution* 45:104-119.
42. Hindelang, M., R.O. Peterson, and A.L. Maclean. 1992. Osteoporosis in moose on Isle Royale: a pilot study of bone mineral density using CT scans. *Alces* 28:35-39.
43. Route, W. T. and Peterson, R. O. 1992. An incident of wolf, *Canis lupus*, predation on a river otter, *Lutra canadensis*, in Minnesota. *The Canadian Field-Naturalist* 105:567-568.
44. Thurber, J. M., R. O. Peterson, J. D. Woolington, and J. A. Vucetich. 1992. Coyote coexistence with wolves on the Kenai Peninsula, Alaska. *Canadian Journal of Zoology* 70:2494-2498.
45. Hindelang, M. and R.O. Peterson. 1993. Relationship of mandibular tooth wear to gender, age and periodontal disease of Isle Royale moose. *Alces* 29:63-73.
46. Jordan, P.A., R.O. Peterson, P. Campbell, and B.E. McLaren. 1993. Comparison of pellet counts and aerial counts for estimating density of moose at Isle Royale: a progress report. *Alces* 29:267-278.
47. LaJeunesse, T.A. and R.O. Peterson. 1993. Marrow and kidney fat as condition indices in gray wolves. *Wildl. Soc. Bull.* 21:87-90.
48. Peterson, R.O. and R.E. Page. 1993. Detection of moose in midwinter from fixed-wing aircraft over dense forest cover. *Wildlife Society Bulletin* 21:80-86.
49. Peterson, R. O. and J. M. Thurber. 1993. The size of eastern coyote (*Canis latrans*): a rebuttal. *Journal of Mammalogy* 74:1075-1076.
50. Thurber, J.M. and R.O. Peterson. 1993. Effects of population density and pack size on the foraging ecology of gray wolves. *J. Mammalogy* 74(4):879-889.

51. Hindelang, M. and R.O. Peterson. 1994. Moose senescence related to tooth wear. *Alces* 30:9-12.
52. McLaren, B.E. and R.O. Peterson. 1994. Wolves, moose and tree rings on Isle Royale. *Science* 266:1555-1558.
53. Smith, D.W., D.R. Trauba, R.K. Anderson, and R.O. Peterson. 1994. Black bear predation on beavers on an island in Lake Superior. *Am. Midl. Nat.* 132:248-255.
54. Smith, D.W., T.D. Drummer, and R.O. Peterson. 1994. Reply-Studies of beaver activity and body temperature: a historical perspective. *Canadian Journal of Zoology* 72:572-574.
55. Thurber, J.M., R.O. Peterson, T.D. Drummer, and S.A. Thomasma. 1994. Gray wolf response to refuge boundaries and roads in Alaska. *Wildl. Soc. Bull.* 22:61-68.
56. Brand, C.J., M.J. Pybus, W.B. Ballard, and R.O. Peterson. 1996. The role of infectious and parasitic diseases in population dynamics of the gray wolf, (Canis lupus). Pages 419-429 in L.N. Carbyn, S.H. Fritts, D.R. Seip (eds.). *Ecology and conservation of wolves in a changing world*. Canadian Circumpolar Institute. Edmonton.
57. Bailey, T.N., E.E. Bangs, and R.O. Peterson. 1996. Canine parvovirus and distemper in wolves and coyotes from the Kenai National Wildlife Refuge, Kenai Peninsula, Alaska, 1976-1988. Pages 315-322 in L.N. Carbyn, S.H. Fritts, D.R. Seip. *Ecology and conservation of wolves in a changing world*. Canadian Circumpolar Institute. Edmonton.
58. Peterson, R.O. 1996. Wolves as interspecific competitors in canid ecology. Pages 315-323 in L.N. Carbyn, S.H. Fritts, D.R. Seip (eds.). *Ecology and conservation of wolves in a changing world*. Canadian Circumpolar Institute. Edmonton.
59. McLaren, B.E. and R.O. Peterson. 1995. Seeing the forest with the trees: using dendrochronology to investigate moose-induced changes to a forest understory. *Alces* (in press).
60. McRoberts, R.E., L.D. Mech, and R.O. Peterson. 1995. The cumulative effect of consecutive winters' snow depth on moose and deer populations: a defence. *J. Animal Ecology* 64:131-135.
61. Hindelang, M. and R.O. Peterson. 1996. Osteoporotic skull lesions in moose at Isle Royale National Park. *J. Wildlife Diseases* 32:105-108.

62. McLaren, B.E. and R.A. Janke. 1996. Seedbed and canopy cover effects on balsam fir seedling establishment in Isle Royale National Park. *Canadian Journal of Forest Research* 26:782-793.(R.O. Peterson supervised McLaren's Ph.D. work, reflected here).
63. DelGuidice, G.D., R.O. Peterson, and W.M. Samuel. 1997. Trends of winter nutritional restriction, ticks, and numbers of moose on Isle Royale. *Journal of Wildlife Management* 61:895-903.
64. Vucetich, J.A., R.O. Peterson, and T.A. Waite. 1997. Effects of social structure and prey dynamics on extinction risk in gray wolves. *Conservation Biology* 11:957-965.
65. Landon, D.B., C.A. Waite, R.O. Peterson, and L.D. Mech. 1998. Evaluation of age determination techniques for gray wolves. *Journal of Wildlife Management* 62:674-682.
66. Peterson, R.O., N.J. Thomas, J.M. Thurber, J.A. Vucetich, and T.A. Waite. 1998. Population limitation and the wolves of Isle Royale. *Journal of Mammalogy* 79:828-841.
67. Hindelang, M. G. Jayaraman, and R.O. Peterson. 1998. Biomechanical properties, osteoporosis, and fracture potential of metatarsal trabecular bone from moose in Isle Royale National Park. *Alces* 34:311-318.
68. Peterson, Rolf O. 1999. Wolf-moose interaction on Isle Royale: the end of natural regulation? *Ecological Applications* 9(1):10-16.
69. Eberhardt, Lee L. and Rolf O. Peterson. 1999. Predicting the wolf-prey equilibrium point. *Canadian Journal of Zoology* 77:494-498.
70. Post, E., R.O. Peterson, N.C. Stenseth, and B.E. McLaren. 1999. Ecosystem consequences of wolf behavioural response to climate. *Nature* 401:905-907.
71. Hindelang, M. and R.O. Peterson. 2000. Skeletal integrity in moose at Isle Royale National Park: bone mineral density and osteopathology related to senescence. *Alces* 36:61-68.
72. Vucetich, L.M., J.A. Vucetich, C.P. Joshi, T.A. Waite, and R.O. Peterson. 2001. Genetic (RAPD) diversity in *Peromyscus maniculatus* populations in a naturally fragmented landscape. *Molecular Ecology* 10:35-40.
73. Spaeth, D.F., K.J. Hundertmark, R.T. Bowyer, P.S. Barboza, T.R. Stephenson, and R.O. Peterson. 2001. Incisor arcades of Alaskan moose: is dimorphism related to sexual segregation? *Alces* 37:217-226.

74. Vucetich, L. M., Vucetich, J. A., Cleckner, L.B., Gorski, P.R., and R. O. Peterson. 2001. Mercury concentrations in deer mouse (*Peromyscus maniculatus*) tissues from Isle Royale National Park. *Environmental Pollution* 114 (1):113-118.
75. Hindelang, M., R.O. Peterson and A. L. Maclean. 2002. Compensatory bone remodeling in moose: a study of age, sex, and cross-sectional cortical bone dimensions in moose at Isle Royale National Park. *International Journal of Osteoarcheology* 12:343-348.
76. Vucetich JA, RO Peterson, CL Schaefer. 2002. The effect of prey and predator densities on wolf predation. *Ecology* 83(11):3003-3013.
77. Post, E, N.-C. Stenseth, R. O. Peterson, J. A. Vucetich and A.M. Ellis. 2002. Phase dependence and population cycles in a large mammal predator-prey system. *Ecology* 83(11):2997-3002.
78. Peterson, R.O., A.K. Jacobs, T.D. Drummer, L.D. Mech, and D.W. Smith. 2002. Leadership behavior in relation to dominance and reproductive status in gray wolves, *Canis lupus*. *Canadian Journal of Zoology* 80:1405-1412.
79. Creel, S., J. Fox, A. Hardy, J. Sands, B. Garrott, R. Peterson. 2002. Snowmobile activity and glucocorticoid stress responses in wild wolves and elk. *Conservation Biology* 16 (3): 809-814.
80. Hindelang, M., R.O. Peterson and A. L. Maclean. 2002. Compensatory bone remodeling in moose: a study of age, sex, and cross-sectional cortical bone dimensions in moose at Isle Royale National Park. *International Journal of Osteoarcheology* 12:343-348.
81. Smith, D.W., D. Houston, and R.O. Peterson. *BioScience* 2003. Yellowstone after wolves. *Bioscience* 53(4):330-340.
82. Eberhardt, L.L., R.A. Garrott, R.O. Peterson, D.W. Smith, and P.J. White. 2003. Assessing the impact of wolves on ungulate prey. *Ecological Applications* 13:776-783.
83. Peterson, R.O. and P. Ciucci. 2003. The wolf as a carnivore. Pages 104-130 *in* L.D. Mech and L. Boitani (eds.). *Wolves: behavior, ecology, and conservation*. University of Chicago Press. 448 pp.
84. Mech, L.D. and R.O. Peterson. 2003. Wolf-prey relations. Pages 131-160 *in* L.D. Mech and L. Boitani (eds.). *Wolves: behavior, ecology, and conservation*. University of Chicago Press. 448 pp.
85. Wilson, P.J., S. Grewal, A. Rodgers, R. Rempel, J. Saquet, H. Hristienko, F. Burrows, R.O. Peterson, and B.N. White. 2003. Genetic variation and population

- structure of moose (*Alces alces*) at neutral and functional DNA loci. *Canadian Journal of Zoology* 81:670-683.
86. Vucetich, J. A., T. A. Waite, and R. O. Peterson. 2004. Raven scavenging favors group foraging in wolves. *Animal Behavior* 67:1117-1126.
 87. Vucetich, J.A. and R. O. Peterson. 2004. Long-term research on the wolves of Isle Royale. Pages 281-292 in David W. Macdonald & Claudio Sillero-Zubiri (eds.) *The Biology & Conservation of Wild Canids*. Oxford University Press.
 88. Vucetich, J.A. and R.O. Peterson. 2004. The influence of prey consumption and demographic stochasticity on population growth rate of Isle Royale wolves *Canis lupus*. *Oikos* 107:309-320.
 89. Potvin, M.J., R.O. Peterson, and J.A. Vucetich. 2004. Wolf homesite attendance patterns. *Canadian Journal of Zoology* 82:1512-1518.
 90. Vucetich, JA, & RO Peterson. 2004. The influence of top-down, bottom-up, and abiotic factors on the moose (*Alces alces*) population of Isle Royale. *Proceeding Royal Soc Lond, B* 271:183-189.
 91. Potvin, MJ, D Beyer, TD Drummer, RO Peterson, JA Vucetich, & J Hammill. 2005 Monitoring and habitat analysis for wolves in Upper Michigan. *J. Wildlife Management*, in press
 92. Jost, C, G Devulder, JA Vucetich, RO Peterson, R Arditi. 2005. The wolves of Isle Royale display scale-invariant satiation and density dependent predation on moose. *J. Anim. Ecol.*, in press
 93. Weise, JW, C Nagaswami, RO Peterson. 2005. River otter hair structure facilitates interlocking to impede penetration of water and allow trapping of air. *Canadian Journal of Zoology* 83:649-655.
 94. Peterson, RO, JA Vucetich, RE Page, & A Chouinard. 2003. Temporal and spatial aspects of predator-prey dynamics. *Alces* 39:215-232.
 95. Wilmers, C, E. Post, R. Peterson, & J. Vucetich. 2006. Disease-mediated switch from top-down to bottom-up control increases moose population response to climate. *Ecology Letters*, in press.
 96. Wright, G.J., R.O. Peterson, D.W. Smith, and T.O. Lemke. 2005. Selection of northern Yellowstone elk by gray wolves and hunters. *Journal of Wildlife Management*, in press.
 97. Jaren, V., A.R.E. Sinclair, R. Andersen, K. Danell, C. Schwartz, R.O. Peterson, R.T. Bowyer, and G. Ericsson. 2003. Moose in modern integrated ecosystem management – How should the Malawi principles be adapted? *Alces* 39:1-10.

Other publications of graduate students that deal with thesis research include:

McLaren, B.E. 1996. Plant-specific response to herbivory: simulated browsing of suppressed balsam fir on Isle Royale. *Ecology* 77:228-235. (R.O. Peterson supervised McLaren's Ph.D. work, reflected here).

Hindelang, M. and A.L. Maclean. 1997. Bone density determination of moose skeletal remains from Isle Royale National Park using digital image enhancement and quantitative computed tomography (QCT). *International Journal of Osteoarcheology* 7:193-201. (Hindelang's Ph.D. work supervised by R.O. Peterson)