

CURRICULUM VITAE

JORDAN C. SCHAUL, M.S., Ph.D.

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[Jordan Schaul](#) is a conservation biologist and a collection curator with the [Alaska Wildlife Conservation Center](#). He received his PhD in conservation/veterinary preventive medicine from [Ohio State University](#) and a master's degree in zoology. He is a council member (ex officio) of the [International Association for Bear Research and Management](#) (IBA), a member and coordinator for education and outreach for the [Bear Specialist Group](#) of the International Union for the Conservation of Nature, an advisor to the Bear Taxon Advisory Group of the [Association of Zoos and Aquariums](#), correspondent editor and captive bear news correspondent for [International Bear News](#), and member of the advisory council of the National Wildlife Humane Society, which promotes high standards for wild carnivore care and welfare among private sanctuaries in North America. He is the creator of the [Zoo Peeps](#) brand which hosts a blog for the global zoo and aquarium community and two wildlife conservation oriented radio programs. Jordan is also a contributing editor for National Geographic Society's online editorial news publication. He is also an affiliate assistant professor at the University of Alaska, Anchorage. He enrolled in clinical degree programs in veterinary medicine and has been on leave to pursue interests in animal management/husbandry science and conservation education.

EDUCATION:

2006-2008 Western University of Health Sciences, Pomona,
California -Veterinary Student (Leave of Absence-not returning)

2002-2006 The Ohio State University, Columbus, Ohio

Doctor of Philosophy - Veterinary Preventive Medicine

(DVM/PhD Program)

1996-2001 John Carroll University, University Heights, Ohio

Master of Science - Biology

1992-1996 Skidmore College, Saratoga Springs, New York

Bachelor of Arts - Biology & Psychology

PROFESSIONAL EXPERIENCE:

2/12-current Affiliate Assistant Professor, University of Alaska, Anchorage

1/11- current Columnist, Turnagain Times Newspaper (Alaska)
Turnagain Tracks (wildlife column)

7/10- current Contributing Editor, Nat Geo News Watch

National Geographic Society

6/10- current Conservation Biologist/Curator, Alaska Wildlife Conservation Center: Developed Husbandry and Preventive Health Program. *Designing a new bear center (12,000) feet; Designing estuary science program; Implement collection-wide training program*

12/09- 6/10 Consultant, International Fund for Animal Welfare (*Cetacean Conservation Campaign Administrator; Implements PR and recruitment strategies for policy change; Development of an Outreach Program for Zoos & Aquariums*) *Big Cat/ Canid Carnivore Legislation with WCS/ Panthera*

9/09- current Zoo Peeps (Creator, manager, and author of an award winning zoo blog and directory/registry for zoo professionals using online media network tools; The blog currently hosts 3000+ subscribers, 40,000 authentic visitors and disseminates conservation research and zoo biology news to staff in animal care, veterinary, administrative, marketing, development, conservation/research, horticulture, and other zoo departments)
Radio Program:

<http://zoopeeps.wordpress.com/zoo-peeps-radio-broadcast/zoo-talkin-radio-scheduled-guests/>

6/08-6/09 "Operation Conservation" (*celebrity conservation campaign*) *City youth field research initiative; Plans for S.*

American field projects with Andean bears, tapirs, condors, miscellaneous herpetiles (Tracking and Census Studies)

6/03-6/06 Assist Assistant Director and Graduate Research Associate, Laboratory for Wildlife & Environmental Health, Department of Veterinary Preventive Medicine, The Ohio State University, Columbus, Ohio. Assisted in the administration and coordination of laboratory and field research involving free-living mammalian, avian, reptilian, and piscine species; assisted in marketing and grant application submissions; coordinated research with collaborators in Alaska, New Jersey, Ecuador, and Canada; and supervised undergraduate and professional student researchers in the laboratory.

6/03-6/05 Research Assistant III (Production Medicine), Department of Veterinary Preventive Medicine, College of Veterinary Medicine, The Ohio State University, Columbus, Ohio. Assisted in animal handling; administered medications and vaccinations; performed medical procedures, including hoof trimming, tusk trimming, castrations, nose-ring insertions and suturing for swine and bovine units; maintained the Ohio Department of Rehabilitation and Corrections Pharmacy which included drug cataloging and filing of animal records.

1/03-6/03 Veterinary Assistant (volunteer), The Vet Clinic, Worthington Ohio; and The Great Southern Animal Hospital, Columbus, Ohio: Restrained animals for physical examinations, medical treatment, and preventive medicine; assisted The Vet Clinic staff with routine surgical procedures, induction of anesthesia, and euthanasia; assisted veterinary staff with facilities management, husbandry, and routine diagnostic procedures.

6/02-4/03 Graduate Teaching /Research Associate, Department of Veterinary Preventive Medicine, The Ohio State University, Columbus, Ohio. Performed diagnostic tests for parasites and bacteria, including fecal flotation-centrifugation, sedimentation, direct smears, gram staining, acid-fast staining, heartworm and Lyme disease testing; performed immunological tests for parasites, including ELISA; evaluated OSU Veterinary Hospital patients (camelids; canids, felids, equids, suids, caprids; bovids; and ovids) for parasitic infections; co-taught VMC 616 (Food Animal Medicine Techniques and Diagnostic Procedures-Parasitology Section) to third-year veterinary students and VMC

700.08 (Preventive Medicine-Zoo and Wildlife Medicine) to fourth year veterinary students.

9/01-5/02 Graduate Teaching Assistant, Department of Zoology, Miami University, Ohio. Taught ZOO 305 (Animal Physiology) to upper-level undergraduate zoology majors (including pre-med/pre-vet students); taught Zoology 161 (Human Physiology) to non-science majors.

9/99-8/01 Graduate Teaching Assistant, John Carroll University, University Heights, Ohio. Taught BIO 155-156 (Principles of Biology) to undergraduate students; conducted fish surveys and assisted in the reintroduction of native stream fishes in conjunction with the Shaker Lakes Nature Center; performed surveys on wild caught salamanders for intestinal parasites.

10/99-11/00 Assistant to the Curator of Research, Cleveland Metroparks Zoo, Cleveland, Ohio. Designed and implemented behavioral and hormonal studies on the captive collection (e.g., primates; pinnipeds, ursids; canids, cervids); conducted telemetry studies on endemic herpetiles; supervised graduate and undergraduate student research interns on data collection and analysis; assisted the animal care department with husbandry training for its animal collection; served as a GTA and co-developed the course ZOOL 4533 (Zoo Biology and Management) in cooperation with Oklahoma State University Extension.

12/96-12/98 Animal Keeper, Cleveland Metroparks Zoo, Cleveland, Ohio. Cared for and maintained collections of ursids, pinnipeds, cervids, procyonids, cervids, and avifauna; employed as Relief Keeper for the Northern Trek Exhibit holding native Ohio fish, amphibians, reptiles, birds, and exotic carnivores (i.e. felids, canids, and ursids); employed as relief keeper for mammal, bird, reptile and amphibian collections held in exhibits throughout the entire zoo; conducted media (radio, television, and newspaper) interviews promoting animal collection management and zoo conservation; co-hosted a zoo television program, KAZOO, a local ABC network affiliate production.

Summer 1996 Seasonal Animal Keeper, Cleveland Metroparks Zoo, Cleveland, Ohio. Assisted keepers with husbandry and facility management of select exhibits at the zoo (i.e. Australasia exhibits, "Northern Trek" exhibits, and the "Primate, Cat, and Aquatics" exhibit).

Summer 1996 Live Animal Education Program Volunteer, Cleveland Museum of Natural History, Cleveland, Ohio. Presented talks on natural history with the use of animals from the facility's rehabilitation collection (e.g., raptors, passerines, small mammals, and reptiles); cared for rehabilitated animals, as well as exhibit animals (i.e., deer; foxes; raccoons; and miscellaneous raptors)

1994 & 1995 Seasonal Animal Keeper, Cleveland Metroparks Zoo, Cleveland, Ohio. Assisted keepers responsible for the husbandry and facility management of the Childrens' Farm exhibit; assisted with the daily maintenance of domestic and exotic hoofstock, small exotic mammals, and birds; assisted with exhibit design; performed "Meet the Keeper" educational presentations for zoo patrons.

Summer 1993 Dive Team Intern, New England Aquarium, Boston, Massachusetts. Supervised the husbandry of the marine bird collection (temperate penguin species); presented natural history talks on penguin life history and captive management; supervised and trained volunteers to assist with feeding and cleaning practices; prepared diets for the pelagic fish collection maintained in the "Giant Ocean Tank" exhibit.

Summer 1992 Animal Care Intern, Cleveland Metroparks Zoo, Cleveland, Ohio. Assisted aquarists and herpetologists with husbandry and life support systems maintenance for aquarium collections and collections intended for display in the "Rainforest" exhibit.

11/90-06/91 Sales Associate, Petland Inc, Bedford, Ohio (Customer service). Assisted in the daily maintenance of marine and fresh water stock and aquarium supplies; designed terrarium and aquarium displays; and cleaned and maintained filtration units and life support systems.

Spring 1991 "Outdoor Projects" student participant, University school, (high school) Hunting Valley, Ohio. Assisted with hatchery management and husbandry; restocked brook trout into streams in northeastern Ohio.

6/08-6/08 Volunteer Animal Keeper, Los Angeles Zoo & Botanical Garden. Assisted husbandry staff in all animal departments.

Assistant to the Editor, Journal of Zoo & Wildlife Medicine (T. Morishita)

Conservation /Field Experience:

Summer 2007 Founder and Co-Chair, BIERZS (Bear Informational Exchange for Rehabilitators, Zoos, and Sanctuaries) 2007 (Supported by the AZA Bear TAG and other bear conservation funds.

Summer 2006 Creator and webmaster for www.bearkeepers.net (view w/ Internet Explorer); www.bearconservationmedicine.org (under revision); www.conservop.org (under construction)

Summer 2005 Alaska Research expedition, Laboratory for Wildlife and Environmental Health, The Ohio State University, Columbus, Ohio. Collected clinical specimens and data on captive and free-ranging carnivores, ungulates, birds and rodents.

Summer 2004 Alaska Research expedition, Laboratory for Wildlife and Environmental Health, The Ohio State University, Columbus, Ohio. Collected clinical specimens and data on captive and free-ranging bears and ungulates

Spring 2000 Belize Field Program, John Carroll University, University Heights, Ohio. Participated in field expedition in northern Belize to survey native wildlife (e.g., howler monkeys, crocodilians, and avifauna).

Spring 1995 Center for Marine Mammal Studies, School for Field Studies, Boston University, Boston, Massachusetts. Completed course work in marine mammal biology and resource ecology; conducted a field research project on seal lion behavioral ecology and participated in an endemic lizard census studies.

Summer 1991 Rustic Pathways Eco-adventure, Melbourne, Australia. Selected to participate in a pilot expedition/safari for high school students. Gained experience in coral reef and bush exploration; served as a farm hand on cattle, horse, and sheep farms.

Professional Memberships & Appointments:

1. **Advisor**, AZA Bear Tag (IBA Liaison)

2. Zoo Registrars' Association (ZRA) **Conservation and Science Committee** (2005-current)
3. Avian Interest Group, Wetlands International (2005- current)
4. Ohio Biological Survey (2004-current)
5. Infectious Disease Interest Group, OSU (2004-2006)
6. Ohio State's Trapper Association (2003-2006)
7. European Association of Zoo and Wildlife Veterinarians (EAZWV) (2003-current)
8. Student Working Group, EAZWV (2003-Current)
9. American Association of Zoological Parks and Aquariums (AZA) (2003- current)
10. American Association of Zoo Veterinarians (2003 -current)
11. Southeastern Cooperative Wildlife Disease Study, UGA (2003- current)
12. **Ex Officio Council Member**, International Association for Bear Research and Management (2003-current)
13. American Association of Zoo Keepers (1997-1999; 2003-current)
14. Graduate Student Interest Group Listserv, AZA (moderator; 2002-current)
15. Keeper Aquarist Research Network Listserv, AZA (moderator; 2002-current)
16. [Bearkeepers@yahoogroups.com](mailto: Bearkeepers@yahoogroups.com); [Mustelidkeepers@yahoogroups.com](mailto: Mustelidkeepers@yahoogroups.com); [Wildcanidkeepers@yahoogroups.com](mailto: Wildcanidkeepers@yahoogroups.com); [Sealkeepers@yahoogroups.com](mailto: Sealkeepers@yahoogroups.com); [Felidkeepers@yahoogroups.com](mailto: Felidkeepers@yahoogroups.com); [Procyonidkeepers@yahoogroups.com](mailto: Procyonidkeepers@yahoogroups.com); [Viveridkeepers@yahoogroups.com](mailto: Viveridkeepers@yahoogroups.com); [Herpestidkeepers@yahoogroups.com](mailto: Herpestidkeepers@yahoogroups.com)]; Southeast Asian Conservation Partnership (AZA Moderator)
17. Society for the Study of Reptiles and Amphibians, (1991-1993)
18. **Coordinators Committee**, Bear Specialist Group IUCN (2010-current)

Community Activities:

1. Columbus Zoo and Aquarium member (2003-2004)
2. Board Member & Vice President for Conservation and Outreach, Columbus Zoo Young Professionals' Organization ('FACES') (2003- 2004)
3. Friends of the National Zoo (2002-2006)
4. 4-H activities (e.g. Ohio State Fair)(2002-2006)

University Service:

1. President, Graduate Student Organization, Department of Veterinary Preventive Medicine, The Ohio State University (2003-2005)
2. Delegate, Department of Veterinary Preventive Medicine, OSU (2003-2004)
3. Council of Graduate Students, The Ohio State University, Alternate Delegate, Department of Veterinary Preventive Medicine (2002-2003)
4. Social Chair, Pre-Veterinary Club, The Ohio State University (2002-2003)
5. Primate Club, Miami University (2001-2002)
6. College Senator, Skidmore College (1994-1995)

7. Residence Hall President, Skidmore College (1993-1994)

8 Residence Hall President, Skidmore College (1992-1993).

Grants:

1. 2005 Connecticut's Beardsley Zoo Conservation Fund. 666/1/05-5/31/06, \$1,000 (Activity Budgets, Foraging Ecology, and Pathogen Prevalence of Spectacled Bears (*Tremarctos ornatus*) in Choco Andean Reserves of Northern Ecuador; *Jordan Schaul, MS, (DVM/PhD candidate); Affiliate Research Scientist, Fundacion Zoobreviven, 6 de Diciembre N32-36 y Whymper, Quito, Ecuador, South America*

1. 2010 *Alaska Soil & Water-Wood Bison Restoration Program AWCC-AKDF&G*

Publications:

1. **Schaul, J.C.** 2007. Roundworm infections in captive bears. Proceedings

of the 2007 BIERZS (Bear Information Exchange for Rehabilitators, Zoos, & Sanctuaries) Conference, Bear Informational Exchange for Rehabilitators, Zoos, and Sanctuaries, Pomona, California, August 24-26, 2007. pp.25., Pomona, California, August 24-26, 2007. pp.25.

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2. **Schaul J.C.** 2006. *Baylisascaris transfuga* in captive and free-ranging bears- Dissertation (Manuscripts in Preparation)

3. **Schaul, J.C.** Roundworms in Polar Bears. Animal Keepers' Forum (Special Dedicated Issue on the Polar Bear): The Journal of the American Association of Zoo Keepers, Inc. The American Association of Zoo Keepers, 34:8, (Invited Author 2007).

4. **Schaul, J.C.** The Laboratory for Wildlife and Environmental Health and the Avian Disease Laboratory: Supporting the Human-Animal Bond as Educators, Researchers and Practitioners' (September 2005).

5. Morishita, T.Y and **Schaul, J.C.** 2007. Parasites of Birds: In Parasites of Laboratory Animals. Ed. David Baker, Iowa State University Press (Invited Author; 2007)

6. **Schaul, J.C.** Cover Illustration, Animal Keepers' Forum: The Journal of the American Association of Zoo Keepers, Inc. The American Association of Zoo Keepers, 32:9, 2005.

7. **Schaul, J.C.** King of the Jungle, "Bonobo Beat" Newsletter of FACES of the Columbus Zoo (September 2004), Volume 1, Issue 1, 2004.

8. **Schaul, J.C.**, Morishita, T.Y., Kuenzer D.J., Bonar, C.J. Development Improved and Safer Control Measures for Helminth Parasites of Bears in Zoological Parks, Proceedings of the 2003 American Association of Zoo Keepers Annual Conference, Cleveland, Ohio. September 2003

9. Bonar, C.J., Lewandowski, A.H. and **Schaul, J.C.** Suspected Toxicosis in Two Vulture Species (*Gyps africanus*, *Torgos tracheliotus*) and a Marabou Stork (*Leptoptilos crumeniferus*), Journal of Avian Medicine and Surgery 17(1):16-19, 2003.

10. **Schaul, J.C.** Controlling Roundworms in Captive Bears, International Bear News, Newsletter of the International Association for Bear Research and Management and the IUCN/SSC Bear Specialist Group 12(3):22, 2003.

11. Oris, J, Hoffman, J. **Schaul, J.C.** and Smith, C. Review Article- The Impact of Environmental Toxicants on Reproductive Dysfunction in Fish (In Preparation).

13. **Schaul, J.C.**, Anthony, C. and A., White. 2001. Patterns of Nematode Infections in a Salamander Hybrid zone. Proceedings of the 2001 ASIH; SSAR;and ASIH, [Int. Herp. Conf.-Joint meeting] Indianapolis, Indiana

On Line Publications:

Schaul, J.C. Feb. 2011 **Rescued Kodiak Bear Prepares for a New Home in Sweden** National Geographic News Watch

Schaul, J.C. Jan 2011 **Reflections on the Flood Down Under** National Geographic News Watch

Schaul, J.C. Dec. 2010 [Reign of Marta, the Melanistic Leopard] National Geographic News Watch

Schaul, J.C. Dec. 2010 **Schaul, J.C.** Dec. 2010 Long Journey for a Kodiak Cub National Geographic News Watch

Schaul, J.C. Dec. 2010 Managing Tiger Species Survival [Plan Programs] in American Zoos National Geographic News Watch

Schaul, J.C. Oct. 2010 Horseshoe Crabs Need Compassion and Help to Survive, National Geographic News Watch

Schaul, J.C. Sept. 2010 Polar Bears International to Open Rescue and Rehabilitation Center, National Geographic News Watch

Schaul, J.C. Sept. 2010 Phoenix Zoo Marks Restoration of 10,000 Frog to the Wild, National Geographic News Watch

Schaul, J.C. Aug. 2010 Wood bison to be returned to their ancient range In Alaska, National Geographic News Watch

Schaul, J.C. Aug. 2010 Giant salamanders enter Washington breeding program, National Geographic News Watch

Schaul, J.C. July 2010 A day to celebrate the "honey bears", National Geographic News Watch

Schaul, J.C. July 2010 Black bears may escape Gulf oil contamination, experts hope, National Geographic News Watch

Schaul, J.C. Aug. 2010 Saving Prairie Chickens, Mongabay

Invited Lectures/Presentations:

1. **Schaul, J.C.** "Bear Conservation", Los Angeles Zoo (July 2007)
2. **Schaul, J.C.** "Super-bugs, Wild Fowl and Natural Disasters", College of Nursing, The Ohio State University, Columbus, Ohio (December, 2006)
3. **Schaul, J.C.** "Captive Bear Research", Alaska Zoo, Anchorage Alaska (Sponsored by the Anchorage Daily News & Conoco-Phillips), August 16, 2005.
4. **Schaul, J.C.** "Conservation and Ecological Medicine" Islands and Oceans Visitor Center, Homer, Alaska (Sponsored by the Alaska Maritime National Wildlife Refuge (US Fish and Wildlife Service) and the Katmai National Park (National Park Service), Homer, Alaska, August 11 and 13, 2005.
5. **Schaul, J.C.** "Studies on Captive Carnivores: Preventive Health Studies of Zoo Ursids and Mustelids" Graduate Student Seminar, John Carroll University, University Heights, Ohio, April 2005.
6. **Schaul, J.C.** "Zoo Biology: Current Research Trends" The College of Veterinary Medicine, The Ohio State University, Columbus, Ohio (Sponsored by the OSU Student Chapter of the American Veterinary Medical Association), April 2004.
7. Morishita, T.Y. and **Schaul, J.C.** "Pets and Zoonoses" Mini Med School, The College of Medicine and Public Health, The Ohio State University, Columbus, OH, October 2003.
8. **Schaul, J.C.** "Zoo Biology and Management" Zoology Club, Department of Evolution, Ecology, and Organismal Biology, College of Biological Sciences, The Ohio State University, Columbus, Ohio

9. **Schaul J.C.** "Zoonoses in Zoos" Principals of Environmental Health (PUBH- EHS 731) College of Medicine and Public Health, School of Public Health, The Ohio State University, Columbus, Ohio

10. **Schaul, J.C.** "Regulatory Medicine" Wildlife Disease Ecology (VPM 797) College of Veterinary Medicine and the College of Food Agriculture and Environmental Science

11. **Schaul, J.C.** "Husbandry Training Through Operant Conditioning" Cleveland Zoo Docents, Cleveland Metroparks Zoo, Cleveland, Ohio

- 12 **Schaul, J.C.** 2010 The Two Faces of Conservation Medicine, Beardsley Zoo (CT)

7. **Schaul, J.C.** 2011 Wood Bison Return, The US Dept. of the Interior, Alaska Science Center, Campbell Creek

New Leadership Roles-

Chair, Conservation Education Committee, IBA (Int. Assoc. Bear Res. & Manag.)

Chair, Large Bear Enclosure Working Group

New Consulting Roles-

Maddock-Douglas/General Electric

Invited industry expert-product development-geriatric care

Professional Appointments:

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1. Correspondent Editor & Captive Correspondent, International Bear News (2005-Current)

2. Research Associate, Alaska Zoo, Anchorage, Alaska (2003- Current)
3. Affiliate Research Scientist, Fundacion Zoobreviven, Ecuador (2004- current)
4. Conservation and Management Committee, ZRA (2004-current)
5. Advisory Council and LWEH Delegate, Ohio Biological Survey (2004-2006)

Honors:

1. Captive Bear Research Project, *Official Endorsement, Bear Taxon Advisory Group, AZA Conservation & Science Committee (AZA); AZA National Conference, Columbus Zoo & Aquarium, September 2003*; Personal Endorsement from Jack Hanna, Director Emeritus, Columbus Zoo (www.bearconservationmedicine.org)
2. Top Ten Athlete, All-Around Athletic Contest, University School, Hunting Valley, Ohio (Spring 1992)