



James K McIntyre

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www.ngwhdf.org
www.swprp.org

EDUCATION

1973 Emory and Henry College

Emory, Virginia

Major: Biology

Extra Curricular: Varsity Letter, football

1976 University of Idaho

Moscow, Idaho

Degree: Bachelor of Science

Major: Zoology

Minor: Chemistry

1979 Idaho State University

Pocatello, Idaho

American Association of
Laboratory Animal Science
Manager Training Course

Ralston Purina

Technical Laboratory
Animal Care

1980 University of Idaho

Moscow, Idaho

Degree: Education, Teacher

Certification Program

Major: Secondary Biology; General Science

1996 University of North Florida

Jacksonville, Florida

Teacher Certification

Secondary Biology

Middle Grades Science

1972 JFK Memorial High School

Iselin, New Jersey

College Preparatory Program

All State Football, Starter

Honorable Mention All American Football Team

Winter/Spring Track

EXPERIENCE

September 2016 – Present: New Guinea Highland Wild Dog Foundation, Director

Puncak Jaya, Papua Province, Indonesia

Coordinated and led an expedition to investigate the occurrence and status of New Guinea Highland Wild Dogs in remote areas around Puncak Jaya. See www.nghwdf.org.

April 2012 – Present: Staff Biologist/Zoologist

Amelia Research and Recovery, Amelia Island, Florida.

Advisor for ethical commercial salvage of historical shipwrecks while maintaining environmental standards and guidelines.

June 2011 – July 2011: Director of Field Operations

Victoria, Australia

Initiated and directed a field study/preliminary investigation into the status of Mallee Scrub dogs in the Big Desert National Park. Collected and analyzed DNA to determine the genetic foundations of the Mallee Scrub dog.

May 2000 – June 2000: Southwest Pacific Research Project, Director of Field Operations

Tanna, Vanuatu, Southwest Pacific

Development and direction of an independent research project to study porcine glabrousness (hairlessness) and dwarfism.

May 1996 – June 1996: Southwest Pacific Research Project, Director of Field Research

Sandaun Province, Papua, New Guinea

Director of an Exploratory/Fact-Finding expedition to determine the conservation status and needs for free-living populations of the New Guinea Singing Dog. (*Canis lupus dingo*) See publications and www.swprp.org.

August 1995 – May 2011: Educator

Callahan Middle School, Callahan, Florida

- State of Florida certifications in Middle Grades Science and Secondary Biology
- Exceptional Student Education/Special Education (1994 – 1996)
- Alternative Education (1996 – 1998)
- General Science Grades 6 – 8 (1999 – 2011)
- Exceptional Education Training
- Teacher of the Year (1997)
- Teacher of the Year Runner-Up (1998)
- Teacher of the Year Nominee (1999 – 2004)
- Football and Track Coach
- Additional Pursuits

Miss Rambler

Career Day

Science Fair

Discipline committee

Relay for Life

Future Scientists of America

Talent Show

Beginning Teacher Mentor

Project Alert

Nassau County Special Olympics

Surfers for Autism

August 2011 – May 2015: Instructor of Secondary Biology

Fernandina Beach High School, Fernandina Beach, Florida

Varsity Track and Field Coach

May 1993 – Present: Southwest Pacific Research Project, Director

Vanuatu, Southwest Pacific

Development and direction of an independent research project focusing on a unique form of porcine intersexuality. See publications and www.swprp.org.

October 1985 – January 1994: Zoologist/Mammal Supervisor

White Oak Plantation, Yulee, Florida

Supervisory position at a facility for endangered animals. Duties included organizing and scheduling of crews; record keeping; correspondence; purchasing; conducting tours; design and construction of animal facilities; shipping and receiving; immobilization, animal restraint and handling. Developed research projects, emergency veterinary procedures, animal management protocols. Presented papers at seminars and to professional groups. See publications.

February 1988 – April 1988: Field Researcher

Ituri Forest, Eastern Zaire, Central Africa

Participated in all phases of a capture campaign to secure an endangered species, Okapi (*Okapia johnstoni*), for international placement.

October 1984 – October 1985: Head Animal Keeper

White Oak Plantation, Yulee, Florida

Care and maintenance of over 500 specimens of exotic, threatened and endangered mammals, birds and reptiles.

June 1984 – October 1984: Principal Keeper Program, Mammal Department

Bronx Zoo, Bronx, New York, New York

Administration/Management Trainee

January 1981 – October 1984: Menagerie Keeper/Elephant Handler/Wild Asia Senior Relief Keeper

New York Zoological Park, Bronx, New York, New York.

Mammal Department

May 1980 – December 1980: Director

Latah County Animal Shelter, Moscow, Idaho

August 1979 – December 1979: Laboratory Animal Technician

Idaho State University, Pocatello, Idaho

August 1978 – August 1979: Zookeeper

Van Saun Zoo Paramus, New Jersey

birds, mammals and reptiles

January 1977 – January 1978: Veterinary Assistant/Radiologist

Cranbury Veterinary Hospital, East Brunswick, New Jersey

1976: Laboratory Animal Keeper

University of Idaho Life Sciences Department, Moscow, Idaho

1974/76/78: Ranch Hand/Foreman

Easterday Ranch, Rathdrum, Idaho

Ranch Hand and Foreman for 20,000 acre, 2,000 head commercial beef operation with secondary hay and swine production.

PROFESSIONAL ORGANIZATIONS

- New Guinea Singing Dog Conservation Society, Board of Directors
- American Association of Zoological Parks and Aquariums
- American Association of Zookeepers
- American Minor Breed Conservancy
- Outward Bound STEP Program

PUBLICATIONS

McIntyre, James K, "Investigations into the relative abundance and anatomy of intersexual pigs (sus sp.) in Republic of Vanuatu". *Science in New Guinea* Vol. 22 (3); 1997

McIntyre, JK, "Investigations into the status and conservation needs of the free-living New Guinea Singing Dog (*Canis lupus dingo*) Sandaun Province, Papua New Guinea". 1996. Available at <http://vauatu.tripod.com/dogs.htm>

McIntyre, James K, Greger, L.L. et al, "Male pseudohermaphroditism in the pig: Identification and preliminary hormonal investigations of intersex pigs on remote islands in the Republic of Vanuatu". *Biology of Reproduction* Vol. 54 Supplement 1; 1996

McIntyre, JK, "Investigations into the status and conservation needs of the free-living New Guinea Singing Dog (*Canus lupus dingo*)". 1996. Available at <http://vanuatu.tripod.com/dogs.htm>

McIntyre, James K, "The Design, Construction, and Attachment of a Prosthetic Tail on a Giraffe (*Giraffa camelopardalis reticulata*)". From the proceedings of the 19th National Conference of The American Association of Zookeepers, San Diego, California, 1992

McIntyre, James K, "Medical Management of Traumatic Toe Wall injuries in a Southern White Rhinoceros (*Ceratotherium Simum Simum*)". From the proceedings of The 17th National Conference of the American Association of Zookeepers, Milwaukee, Wisconsin, 1990

Koler-Matznick, J, I. L. Brisbin, Jr. and JK McIntyre. "The New Guinea singing dog: a living primitive dog". In *Dogs through Time: an archaeological perspective*, proceedings of the 1st ICAZ symposium on the history of the domestic dog: 239-247. Crockford, S. J. (Ed.). Oxford: British Archaeological Press, 2000

Lum, J. Koji, JK McIntyre, Douglas L Greger, Kirk W Huffman, Miguel G Vilar, "Recent Southeast Asian domestication and Lapita dispersal of sacred male pseudohermaphrodite 'tusker' and hairless pigs of Vanuatu". *Proceedings of the National Academy of Science (PNAS)* Nov. 6, 2006

DL Greger, JK McIntyre, J Vira, J Vutilolo, NL Hudson, CA Hendrych and DR Hagen, "Male pseudohermaphroditism in the pig: Steroidogenic responses to gonadotropin challenge in intersex pigs on remote islands in the Republic of Vanuatu, Southwest Pacific" (in press)