

Summarized Curriculum vitae

Name:	Arno Ernesto Lindner
Born:	November 27, 1954 in Caracas, Venezuela
Nationality:	German
Languages:	German, Spanish, English, French, Italian
1961 - 1972	Study at the Alexander von Humboldt High School in Caracas
July 1972	Graduation from the Alexander von Humboldt High School
1973 -1974	Study of Veterinary Medicine at the Universidad Central de Venezuela, Maracay, Venezuela
October 1975	Beginning of the study of Veterinary Medicine at the Veterinary Medicine University Hanover, Germany
February - April 1978	Externship on food animal husbandry at the Universidad Central de Venezuela, in Maracay, Venezuela
January - July 1980	Externship at Cornell University (New York State), Washington State University (Pullman) and Texas A & M (College Station), USA
July 1981	Board examination for Veterinary Medicine in Hanover, Germany
October 1981 - December 1983	Postgraduate studies in Animal Nutrition and Dietetics at the Veterinary Medicine University Hanover, Germany
December 1983	Promotion to Doctor of Veterinary Medicine at the Veterinary Medicine University Hanover, Germany
October 1982 - September 1984	Scientific Assistant in the Institute of Animal Nutrition and Dietetics of the Veterinary Medicine University Hanover, Germany
January - November 1985	Postgraduate studies on Tropical Veterinary Medicine at the Faculty of Veterinary Medicine of the Free University of Berlin
January to April 1986	Equine and beef veterinary practice in Venezuela
June to December 1986	Veterinary surgeon of the German Pig Improvement International enterprise
August 1987 - July 1992	Scientific Assistant in the Institute of Anatomy, Physiology and Hygiene of Domestic Animals of the Faculty of Agronomy at the University of Bonn, Germany
Since August 1992	Free lance work as consultant to pharmaceutical, human and animal food enterprises. Head of the Arbeitsgruppe Pferd.

Detailed professional Curriculum Vitae

1982 - 1984

Scientific Assistant in the department of Animal Nutrition and Dietetics at the Veterinary Medicine University in Hanover. Design, execution, evaluation and publication of the results of projects dealing with nutrient digestibility and electrolyte and water metabolism of horses.

For these projects the following questions were investigated:

- distribution of water among body compartments
- assessment of thermoregulatory capacity
- examination of prececal and postileal digestibility of feedstuff contents and water metabolism
- balance trials of different feedstuffs with and without mineral deficiencies
- effect of treadmill exercise.

Besides the research work, fistulas for different sections of the gut were prepared and cared for.

Teaching duties involved the preparation and execution of courses on feedstuff evaluation, balancing nutrient rations and feeding principles for animals in general for the students of veterinary medicine.

1985

Cooperation in the preparation and completion of epidemiological studies concerning the productivity of water buffaloes in Northeast Thailand. Examination of methods to improve nutrient balance and effects of nutrient supplementation on the performance of water buffaloes.

Pasture and health management of sheep, goat and beef cattle in Togo.

1986

Veterinary Assistant in a pig breeding company "Deutsche Pig Improvement" in Schleswig, Germany. Surveillance of health, feeding and husbandry of pig farrowing and pig finishing units. Completion of embryonic transfer among sows.

1987-1992

Scientific Assistant in the department of Anatomy, Physiology and Hygiene of Domestic Animals at the University of Bonn. Head of the clinical biochemistry laboratory for analysis of blood and milk samples of horses, pigs and milk cows for routine and research work. The routine work consisted mainly of supplying advice to equine and bovine establishments to implement prophylactic measures. The scientific work included the realisation of epidemiologic studies for horse populations with different uses and the evaluation and improvement of the physical performance capacity of sport horses. Of special interest was the determination of methods and parameters to assess objectively under field conditions the performance capacity of horses in order to evaluate the effectiveness of training regimes.

Another research area was to define and collect data concerning parameters that characterize the current training regimes used to prepare horses for race, dressage, jumping and carriage competitions. I was solely responsible for the design, financing, execution, evaluation and publication of the results of all the projects in the areas mentioned.

Teaching duties comprised the preparation and execution of all the practical course work on Anatomy, Histology and Physiology for the students of Human Nutrition and Dietetics, as well as additional course work for the students of Agronomy. In the winter semester of 1988/1989 I lectured on Anatomy and Physiology, replacing the head of the department who was on sabbatical leave. Occasionally I also lectured on Hygiene Management of farm

animals for the Agronomy students. Between the winter semester of 1990/1991 until the Summer semester of 1996 I offered a seminar every two weeks on "Special aspects of Performance Physiology with the Horse as a Model". Participation was optional and included students from all levels of education from the departments of Biology, Human Nutrition and Dietetics and Agronomy.

Since 1992

Free lance work:

- 1) Consultant to pharmaceutical, human and animal food enterprises to
 - determine new product areas
 - design and execute effectiveness trials for products
 - develop and advice on contacts among universities, research institutes and industrial enterprises
 - prepare information and publications about products
 - conduct information and education seminars.
- 2) Conduct education seminars for various associations about measures to reduce disease and to maintain performance among horses.
- 3) Provide the service of performance diagnosis and training guidance to trainers of horses.
- 4) Head of an international research group on performance testing and conditioning of horses (Arbeitsgruppe Pferd).
- 5) Organizer of conferences, seminars and courses in Europe and Latin America. Among the better known are:
 - Conference on Equine Sports Medicine and Science (CESMAS) between 1996 and 2010 every 2 years in Europe
 - Conferencia Internacional de CABallos de DEporte (CICADE) between 2001 and 2007 every 2 years in Latin America, thereafter in 1 or 2 years periods
 - Equine NUtrition and TRaining COncference (ENUTRACO) since 2005 every 2 years in Europe
 - Orthopaedic Case Days (OCD) since 2001 every year in Weilerswist-Müggenhausen, /Bonn, Germany
 - Equine Back Days in Breitenfurt / Vienna, Austria

Memberships

- German Veterinary Medicine Association (Deutsche Veterinärmedizinische Gesellschaft)
- Association for Equine Medicine (Gesellschaft für Pferdemedizin), Germany
- German Society for Breeding Science (Deutsche Gesellschaft für Züchtungskunde), Germany
- Equine Science Society, USA
- Association for the Promotion of Equine Sport Research, Germany: Currently president
- American Association of Equine Practitioners, USA
- British Equine Veterinary Association, UK

Regular peer reviewing activity for the following scientific journals (and several others)

- Since 1993: Archivos de Zootecnia; Consejo Superior de Investigaciones Científicas (Spain), and European Journal of Clinical Chemistry and Clinical Biochemistry (Germany)
- Since 1995: Equine veterinary Journal
- Since 1996: Pferdeheilkunde (Germany), and Archivos de Medicina Veterinaria (Chile)

- Since 1997: Journal of Comparative Physiology and Biochemistry (Netherlands)
- Since 2002: Livestock Science, International
- Since 2003: Veterinary Clinical Pathology, USA
- Since 2005: Journal of Clinical Pathology, USA
- Since 2006: Comparative Exercise Physiology, UK; Journal of Equine Veterinary Science, USA
- Since 2007: International Journal Sports Science, USA
- Since 2009: Journal of Animal Science, USA, Journal of Animal Physiology and Animal Nutrition, Germany
- Since 2010: Canadian Veterinary Journal, Canada, PlosOne, International; Veterinary Journal, UK

Reviewer of grant proposals

- Since 2002: Ministero dell' Istruzione, dell' Università e della Ricerca (MIUR), Italia
- Since 2003: Horserace Betting Levy Board (HBLB), England
- Since 2006: Les Haras Nationaux (COST), France
- Since 2006: Chilean Research Fund Council (FONDECYT), Chili
- Since 2006: Comité d'Orientation Scientifique et Technique. Les Haras Nationaux, France