

February-2015

Curriculum Vitae

I. Personal Information.

Ismael Concha-Albornoz. DVM, MVSc

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Web sites:

www.anato.cl

www.global.anato.cl

www.expo.anato.cl

II Education.

- 1997 Doctor of Veterinary Medicine (Médico Veterinario, DVM equivalent) Santo Tomás University, Santiago, Chile. Licensed to practice Veterinary Medicine in Chile

III Postgraduate training and courses.

- 2014: Workshop in Plastination Techniques (silicones, P40 & E32). University of Toledo, Ohio USA.
- 2007-2009: Master in Science in Veterinary Science. **Oregon State University.**
- 2007, English Language Institute. Training Program, Oregon State University.
- 2001 Internship in Plastination techniques. College of Veterinary Medicine, The **University of Tennessee**, Knoxville, TN, USA. **Mentor Professor Dr. Robert Henry.**
- 2002 “Clinical Anatomy of the face” Faculty of Human Medicine, Los Andes University, Santiago Chile. Mentor Professor Dr. Alberto Rodríguez T.
- 1998 “Techniques for University Teaching” Faculty of Human Medicine, Universidad de los Andes, Santiago Chile. Mentor Professor Dr. Alberto Rodríguez T.
- 1997 “Internacional Course of Medicine and Surgery in Small animals” The University of Concepción; Concepcion, Chile

IV Professional and Academic Experience.

- **Since February 2015:** Assistant Professor of Veterinary Anatomy at Lincoln Memorial University, Tennessee USA.
- **1997-2006//2010-2014:** Head of Veterinary Anatomy Unit. Veterinary Anatomy 32 lectures and 30-dissection lab./year (Lecturer and Course Coordinator). College of veterinary medicine, Universidad Santo Tomas, Santiago Chile.

See more at: www.anato.cl

- **2012 – 2014:** Head coordinator and Professor of Internship in anatomical techniques. 80 hours lectures and practical sessions. Anatomical Techniques and Plastination Lab., Santo Tomas University, Santiago Chile

See more at:

http://anato.cl/index.php?option=com_content&view=article&id=126&Itemid=238

- **2004-2006/2010-2014:** Director of Human Plastination Lab. At Departamento de Biología y Anatomía del Desarrollo. Universidad de Chile. Santiago, Chile.

- **1997-2006:** Human anatomy 60 lectures and 60 dissection lab./year (assistant professor) Faculty of Human Medicine, Universidad de los Andes, Santiago Chile
- **Since 2005:** Director of www.expo.anato.cl The group of anatomists at Santo Tomas University have performed anatomical exhibitions in different Schools and Zoo near Santiago.
- **2010:** Member of the coordinating committee of Human Anatomy preparation Workshop of "VIII Symposium 2010. Regional Human anesthesia and pain medicine". Clínica las Condes, Santiago Chile.
See more: <http://www.mednet.cl/link.cgi/Eventos/AnestesiologiaCLC/Programa/4697>
- **Since 2008-** Director of www.global.anato.cl/ A Web with the mission of work as an Anatomical Cooperative where teachers, assistants, and students can publish their lab work.
- **1999 – 2008:** Course of anatomical technique, 8 lectures and 8 demonstration lab./year. Santo Tomas University and Los Andes University, Santiago Chile
See more:
http://anato.cl/index.php?option=com_content&view=article&id=67:curso-tecnicas-anatomicas&catid=42&Itemid=151
- **2002 – 2006/2013:** Professor of basic neuroanatomy of the dog, 3 lectures and a demonstration lab/ year Institute of Veterinary Neurology, Santiago Chile.
See more:
http://www.anato.cl/index.php?option=com_content&view=article&id=127&Itemid=159
- **2005-2006** Human anatomy for artist, 15 lectures and 15-demonstration lab/year. University of Chile, Santiago Chile. *See more at:*
<http://www.anato.cl/lanatoartis/anatart.htm>
- 1992-1996: Assistant student- Veterinary anatomy. College of Veterinary Medicine, Santo Tomas University, Santiago Chile
- 1996-1997: Assistant student- surgery in small animals. College of Veterinary Medicine, Santo Tomas University, Santiago Chile
- 1995- 1996: Assistant student- Animal Anatomy and physiology. College of Agronomy, Santo Tomas University, Santiago Chile

V Publications & Scientific Papers.

- Medina, R; Morales, P; Concha, I, Borroni, C: Anatomical description of pelvic limb innervation of African Lion (*Panthera leo*). [Int. J. Morphol. vol.32 no.3 Temuco set. 2014](#)
- 2014/ Caro,C; Concha I. Anatomical description of the pelvic limb muscles of Puma (*Puma concolor*). [Int. J. Morphol. vol.32 no.3 Temuco set. 2014](#)
- 2012/Concha,I;Stieger-Vanegas,S; Cebra,C. *Computed tomographic features of the osseous structures of the external acoustic meatus, tympanic cavity, and tympanic bulla of llamas (Lama glama)*. [January 2012, Vol. 73, No. 1, Pages 42-52 doi: 10.2460/ajvr.73.1.42](#)
- 2006/ Borroni, C; Concha, I.; Soto, R; Córdova I. Estudio descriptivo macro y mesoscopico de la irrigacion de piezas dentarias superiores en perro (*Canis familiaris*) Mediante replecion con tinta china. [Int. J. Morphol.24\(4\):555-559, 2006](#)
- 2004/ Concha-Albornoz, Ismael; Adaro, L; Borroni, C; Altamirano, C. “Consideraciones anatómicas sobre la musculatura intrínseca del miembro torácico del puma (*Puma concolor*)”, [Int. J. Morphol. 22\(2\):121-125. 2004.](#)
- 2004/ Protocols for Anatomical practice lab. A publication of Santo Tomas University, Santiago, Chile. 2004
- 2004/ Guide of Anatomy of the Dog. A publication of Santo Tomas University; Santiago, Chile. 2004
- 2000/ Concha,I; Rodríguez, A; Santana, R. “Características morfológicas del nervio digital palmar de equinos mestizos (*Equus caballus*). Estudio macroscópico e histológico” Rev. Chil. Anat., 18(1), 2000
- 1999/ Cartagena,I; Benavente, A; Gecele, P; Concha, I; Benavente, J.M., “The transport function in camelids: and archaeozoological approach” . Progress in South American camelids research. EAAP publication N° 105 Göttingen, Germany. 27-29 may 1999
- 1996/ Adaro, L; Benavente,A; Concha, I; Gecele,P. “ Características osteológicas en llamas (*Lama glama*) rasgos diferenciadores de edad y sexo, Rev. Chil. Anat., 14(2), 1996

VI Scientific Abstracts and Presentations.

- **2014, May**
Invited by the committee of Global Festival Chile. Universidad Cooperativa de Colombia. Bucaramanga, Colombia. Director and teacher of the course "Anatomical techniques and plastination".
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- **2012, October**
Invited by the committee of VIII Congreso Colombiano de Morfología. Tunja, Boyacá, Colombia. Director and teacher of the course "Anatomical techniques and plastination".
- **2012, September**
Invited by the committee of XLIX Congreso Argentino de Anatomía. II Congreso internacional de anatomía. IV Jornadas Argentinas de Anatomía para Estudiantes de ciencias de la salud. Teacher of the course "Anatomical techniques and plastination".
- **2011, October**
Invited by the committee of XLVIII Congreso Argentino de Anatomía. I Congreso internacional de anatomía. III Jornadas Argentinas de Anatomía para Estudiantes de ciencias de la salud. Teacher of the course "Anatomical techniques and plastination".
- **2011, August** Invited by the College of Veterinary Medicine, Western University of Health Sciences to Present "Our work at Santo Tomas University". Pomona, CA, USA.
- **2011, August.**
Meeting of the American Association of Veterinary Anatomists (AAVA).
Oral presentation: Anatomical description of the lungs of Burmeister's porpoise (*Phocoena spinipinnis*). College of veterinary medicine, Cornell University. NY USA.
- **2010, October 25-30**
XVII Congreso Panamericano de Anatomía. XXXI Congreso Chileno de Anatomía, XII Congreso de Anatomía del Cono Sur. Invited by Sociedad Chilena de Anatomía to give the conference "Imagenología, disección e ilustración. Técnica combinada con arte en la búsqueda de una solución quirúrgica a un problema clínico veterinario". Invited by Sociedad Chilena de Anatomía to give the course "Técnicas anatómicas tradicionales y plastinación"
- **2009 July 14-16.**
Annual meeting of the American Association of Veterinary Anatomists (AAVA).
Oral presentation: "global.anato.cl, a cooperative website for life-long anatomy learners". College of veterinary medicine, Oregon State University. OR USA.
- **2006, November 3 y 4**
II Congreso de Morfología, Medellín Colombia. Invited by Sociedad Colombiana

de Anatomía to give the conference: “Plastinación, experiencia en Chile” Facultad de Medicina Universidad de Antioquia, Colombia.

- **2006, October 08 al 12**
XXVII Congreso Chileno de Anatomía, VIII Congreso de Anatomía del Cono Sur. Florianópolis. Brasil
-Vice-president of the Chilean Conference
- Co-author of: Plastinación de piezas anatómicas previamente restauradas.(**Awarded by the Scientific Committee**) *See more*
- Uso de espuma de poliuretano en Spray en confección de preparados anatómicos
- **2006, October 05 al 07** XLIII Congreso Argentino de Anatomía, Rosario. Invited by the Conference committee as a lecturer in Curso de Técnicas Anatómicas. Declared Official Host of the Universidad Nacional de Rosario, sep.15 (Resolución: 2495/2006)
- **2005, October** XXVI Congreso Chileno de Anatomía, VII Congreso de Anatomía del Cono Sur. -Member of the Organizing Committee. Treasurer - Conference Topic: “Plastinación” - Abstracts: - Estudio morfológico de los músculos epiaxiales de un puma. - Estudio macro y mesoscópico de la irrigación de las piezas dentarias del perro
- **2003, November** XXIV Congreso Chileno de Anatomía, XL Congreso Argentino de Anatomía, V Congreso del Cono Sur. Temuco, Chile. - “Consideraciones anatómicas sobre la musculatura intrínseca del miembro torácico del puma (Puma concolor)”, panel. - “Hallazgo de espondilosis en esqueleto de delfín Austral”, panel - “Posicionamiento de estructuras anatómicas para plastinación con siliconas”, panel - Estudio de la microirrigación del nervio glosofaríngeo del canino (Canis familiaris)”,
- **2002, October.** XX Congreso Brasileiro de Anatomía, XXIII Congreso Chileno de Anatomía IV Congreso de Anatomía del Cono Sur, XXXIX Congreso de la Asociación Argentina de Anatomía. Maceio, Brasil. - “Estudio de la segmentación esplénica del bazo del canino (Canis familiaris)”
- **2002, October.** Congreso de Medicina Veterinaria, Chillán, Chile “Maquetas anatómicas para la docencia en Anatomía Veterinaria”, panel. “Estudio de los puntos motores de los músculos que limitan la axila”, panel
- **2001, October.** Research Conference, Santo Tomás University. Santiago, Chile. “Descripción anatómico quirúrgica de los nervios de los músculos que limitan la axila del perro”
- **2001, July.** Anatomy Workshop, Chilean Anatomy Society. University de Los Andes, Santiago Chile. “Plastinación” Monograph.
- **2000, July.** Working session of Chilean Anatomy Society. de los Andes University, Santiago Chile. “Órgano vomeronasal”. Monograph.

- **1999**, October. Working session of Chilean Anatomy Society de los Andes University, Santiago Chile.
- 1999 I Congreso de Anatomía del Cono Sur, XXXVI Congreso de la Asociación Rioplatense de Anatomía, XX Congreso Chileno de Anatomía. Mendoza, Argentina. “Características morfológicas del nervio digital palmar de equinos mestizos (*Equus caballus*). Estudio macroscópico e histológico”.
- **1998**, April. X Congreso nacional de Medicina Veterinaria, asociación de facultades de medicina veterinaria de Chile. Austral University; Valdivia, Chile. “Segmentación esplénica en porcinos (*Sus scrofa domesticus*)”.
- **1997, November**. XVIII Congreso Chileno de Anatomía, Sociedad Chilena de Anatomía. Católica University of Valparaíso Valparaíso, Chile. “Identificación de patrones óseos de función productiva en llamas (*Lama glama*)”, “Segmentación esplénica en porcinos (*Sus scrofa domesticus*)”.
- **1997**, September. ” Segmentación esplénica en porcinos, estudio por diafanización”. Working session of Chilean Anatomy Society de los Andes University, Santiago Chile.
- **1996**, November. XVII Congreso Chileno de Anatomía, Sociedad Chilena de Anatomía. University of Concepción, Chile “Características osteológicas en llamas (*Lama glama*), rasgos diferenciadores de edad y sexo. Estudio preliminar.

VII Experience as Scientific illustrator.

- 2014: Illustration for guide of dissection of small ruminant. OSU
- 2009 Scientific illustrations for the article “Cut to the bone”, published by Terra Magazine, an online magazine of Oregon State University.
- 2008-2009 Nine illustrations of small ruminant. The dissections and illustrations are being used in gross anatomy course at Oregon State University. This material is posted in www.global.anato.cl.
- 2004: Three cartoons representing endocrine illness, published in **Dukes Physiology of Domestic Animals**, 12 Edition., Cornell University Press. Endocrine Glands, Chapter 37, pp. 647, 651, 662.
- 2000- 2006: Numerous medical illustrations of dog Anatomy. Those drawings have been used in the Guide of Anatomy of the Dog. A publication of Santo Tomás University, Santiago, Chile.
- 2001: Illustration of Sympathetic pathways of the head of the dog. This drawing is used in University of Tennessee, Oregon State University and Santo Tomás University.
- 1998: Nine medical illustrations in “Carta Quirúrgica”, a publication of Chilean Society of Human Surgery, n° 114, Santiago, Chile.
- 1993: One illustration in “Boletín técnico”, a publication of FAO & SAG (agricultural and cattle Chilean service)

See portfolio of Scientific Illustrations

<http://ismaelconcha.wordpress.com/464-2/>

VIII Experience in Anatomical Techniques.

- Since 1996 experience in bones techniques, corrosion cast, diafanization, insufflations, epoxy and polyester polymers, anatomical models, and different conservations methods.
- 2011 August, Colaboration in dissecion of a Humpback Whale Flipper. Virginia Tech University, USA.

See more:

<http://www.facebook.com/media/set/?set=a.2275598086407.132472.1142354714&l=f38075a41e&type=1>

- 2005 Founder member of the first Plastination Lab. In Veterinary Anatomy in Chile, at Santo Tomas University, Santiago Chile.
- 2002 Founder member of the first Plastination Lab in Human Anatomy in Chile, at Los Andes University, Santiago Chile.
- Since 1996 experience in traditional dissections in humans and animals.

See portfolio of anatomical techniques works and dissections

<http://ismaelconcha.wordpress.com/>

IX Grants and awards.

- **2013-2014**, Plastination of Marine Specimens for Museo de Historia Natural, Valparaiso, Chile. \$ 23.000
- **2006**, October 08 al 12
XXVII Congreso Chileno de Anatomía, VIII Congreso de Anatomía del Cono Sur. Florianópolis. Brasil
-Vice-president of the Chilean Conference
- Co-author of: Plastinación de piezas anatómicas previamente restauradas. (Awarded by the Scientific Committee)
- **2003**. Concha-Albornoz, I; Concha, MJ; Guerrero, J. Santo Tomas University. “Elaboración de un programa computacional para el ramo de Anatomía Veterinaria”(Computational program for veterinary gross anatomy course). US \$ 1.600.
- **2000**. Concha-Albornoz, I; Santana, R; jara, M. Santo Tomas University. “Maquetas anatómicas en resina epóxica (Anatomical models with epoxic resine)” US \$ 1.800
- **1999-2000**: Concha-Albornoz, I; Riquelme,L; Ubilla, M; Pantoja, M; Serrano,S, Ferrada,P. Santo Tomas University and Ayacara Fundation. “Elaboración de esqueletos y muestras anatómicas de museo, de animales que habitan la península Huequi, Comuna de Chaitén, Provincia de Palena, X Región, Chile” (Squeletons and museum specimens of animals of Huequi Peninsula, Chaiten Chile) US \$ 940

X Professional Societies

- 2009- present: Member of American Association of Veterinary Anatomists (AAVA)
- 1998 – present: Member of Chilean Anatomy Society
- 2001- present: Member of International Society for Plastination (ISP)
- 2002 – 2007: Member of the Directory of Chilean Anatomy Society

XI Extracurricular activities

- Apnea diver
- Oil paintings, black lead, and colors Drawings.
- New media animation & new media 3D courses at Oregon State University 2008

See portfolio of artistic works: <http://ismaelconcha.wordpress.com/2009/12/19/art/>