

CURRICULUM VITAE
(Christine M. Budke, D.V.M., Ph.D.)

PRESENT POSITION AND ADDRESS:

Title: Assistant Professor
Office: Dept. of Veterinary Integrative Biosciences Phone: (979) 458-2154
College of Veterinary Medicine and FAX: (979) 847-8981
Biomedical Sciences Email: CBudke@cvm.tamu.edu
Texas A&M University
College Station, TX 77843-4458

EDUCATION:

<u>Degree/Training</u>	<u>Conferring Institution</u>	<u>Field</u>	<u>Year</u>
B.A.	Colgate University	Biology	1995
D.V.M.	Purdue University	Veterinary Medicine	2001
Ph.D.	University of Basel	Epidemiology	2004

PROFESSIONAL EXPERIENCE AND ACADEMIC APPOINTMENTS:

2005-present – Assistant Professor of Epidemiology, Department of Veterinary Integrative Biosciences, College of Veterinary Medicine and Biomedical Sciences, Texas A&M University, College Station, Texas.

2005 – Postdoctoral Research Assistant, Institute of Parasitology, University of Zürich, Zürich, Switzerland.

2002-2004 – Graduate Research Assistant, Institute of Parasitology, University of Zürich, Zürich, Switzerland.

2001-2002 – Graduate Teaching Assistant, Department of Veterinary Microbiology and Parasitology, Faculty of Veterinary Medicine, University College Dublin, Dublin, Ireland.

CLINICAL SPECIALTY/BOARD CERTIFICATION:

#2006061A, Indiana veterinary license (Active)
#6306968, Royal College of Veterinary Surgeons (Active)

AWARDS AND HONORS:

1998 – Geraldine R. Dodge Foundation Summer Grant for Veterinary Students, project title: “A situational analysis for the improvement of the management and veterinary medical treatment of water buffalo in the Nile Delta region of Egypt”

2004 – Best oral presentation, XXIst International Conference of Hydatidology (Nairobi, Kenya)

TEACHING EXPERIENCE:

Graduate Students:

<u>Name</u>	<u>Degree</u>	<u>Advisor or Institution Committee Member</u>	<u>Dates</u>
Dipa Brahmhatt	Ph.D.	Committee Member	2005-present

RESEARCH/SCHOLARLY ACTIVITIES:

Member of the TRANSECH research project: Collaborative project to evaluate the transmission of *Echinococcus multilocularis* on the Tibetan plateau. NIH/NSF/Fogarty International funded Ecology of Infectious Diseases Program grant number R01TW001565, PI: Prof. Philip S. Craig, University of Salford, U.K. 2000-2005.

BIBLIOGRAPHY:

Publications in Refereed Journals:

1. Torgerson PR, **Budke CM**. Echinococcosis – an international public health challenge. Res. Vet. Sci. 74, 191–202. 2003. (review)
2. **Budke CM**, Qiu J, Wang Q, Zinsstag J, Torgerson PR. Utilization of DALYs in the estimation of disease burden for a high endemic region of the Tibetan plateau. Am. J.

- Trop. Med. Hyg. 71, 56–64. 2004.
3. **Budke CM**, Campos-Ponce M, Wang Q, Torgerson PR. A canine purgation study and risk factor analysis for echinococcosis in a high endemic region of the Tibetan plateau. *Vet. Parasitol.* 127, 49–55. 2005.
 4. **Budke CM**, Qiu J, Craig PS, Torgerson PR. Modeling the transmission of *Echinococcus granulosus* and *Echinococcus multilocularis* in dogs for a high endemic region of the Tibetan plateau. *Int. J. Parasitol.* 35, 163–170. 2005.
 5. **Budke CM**, Qiu J, Wang Q, Torgerson PR. Economic effects of echinococcosis on a highly endemic region of the Tibetan plateau. *Am. J. Trop. Med. Hyg.* 73, 2–10. 2005.
 6. Carabin H, **Budke CM**, Cowan LD, Willingham III AL, Torgerson PR. Methods for assessing the burden of parasitic zoonoses: cysticercosis and echinococcosis. *Trends Parasitol.* 21, 327–333. 2005. (review)
 7. **Budke CM**, Deplazes P, Torgerson PR. Global socioeconomic impact of cystic echinococcosis. *Emerg. Infect. Dis.* 12, 296–303. 2006.
 8. Wang Q, Vuitton DA, Xiao Y, Schantz PM, Raoul F, **Budke CM**, Yang W, Craig PS. Socio-economic and ecological correlates of alveolar echinococcosis emergence in Tibetan pastoralist communities. *Emerg. Infect. Dis.* (submitted)
 9. Ning X, Nakao M, Qiu J, **Budke CM**, Giraudoux P, Craig PS, Ito A. Dual infection of animal hosts with different *Echinococcus* species in the eastern Qinghai-Tibet plateau region of China. *Am. J. Trop. Med. Hyg.* (submitted)

Refereed Proceedings/Monographs:

Abstracts:

1. Carabin H, **Budke C**, Cowan LD, Nash T, Willingham III AL, Torgerson, PR. Assessing the burden of cysticercosis and echinococcosis. In: Willingham III, A.L., Schantz, P.M. (Eds.), *Assessing the burden of Taenia solium cysticercosis and echinococcosis*. *Vet. Parasitol.* 125, 183–202. 2004.

Book Chapters:

1. **Budke CM**, Torgerson PR. Creation of disability adjusted life years (DALYs) for echinococcosis and their application to a highly endemic region of the Tibetan plateau. In: Torgerson, P.R., Shaikenov, B. (Eds.), *Echinococcosis in Central Asia: Problems and Solutions*. Daur Publishing House, Almaty, Kazakhstan, pp. 70–75. 2004.
2. Torgerson PR, **Budke CM**. Economic impact of *Toxocara* spp. In: Holland, C., Smith, H. (Eds.), *Toxocara: the enigmatic parasite*. CABI publishing, Oxon, U.K. pp. 280–293. 2006.

Conference Abstracts:

1. **Budke C**, Torgerson P, Campos-Ponce M, Craig P. Modeling *Echinococcus* on the Tibetan plateau. Swiss Society for Microbiology, Swiss Society for Infectious Disease, Swiss Society of Tropical Medicine and Parasitology joint annual meeting, March 6-7, 2003, Basel, Switzerland.
2. Torgerson PR, **Budke C**. Assessing the burden of echinococcosis. 19th International Conferences, World Association for the Advancement of Veterinary Parasitology. August 10-14, 2003, New Orleans, Louisiana, U.S.A.
3. Craig PS, Qiu J, Li T, Giraudoux P, **Budke C**, Xiao N, Ito A, Danson M, Campos-Ponce M, Nakao M, Schantz P, Yang W. Echinococcosis on the Tibetan Plateau. American Society of Tropical Medicine and Hygiene Annual Meeting, November 7-11, 2004, Miami, Florida, U.S.A.
4. Campos-Ponce M, Hamburger J, Raoul F, Romig T, **Budke C**, Yang W, Craig PS. Evaluation of a diagnostic *E. granulosus* specific copro-PCR. XXIst International Conference of Hydatidology, August 16-21, 2004, Nairobi, Kenya.
5. **Budke CM**, Qiu JM, Wang Q, Zinnstag J, Torgerson PR. Burden of echinococcosis for a high endemic region of the Tibetan plateau. XXIst International Conference of Hydatidology, August 16-21, 2004, Nairobi, Kenya.
6. **Budke CM**, Torgerson PR. Creation of disability adjusted life years (DALYs) for echinococcosis and their application to a highly endemic region of the Tibetan plateau. Conference on Echinococcosis; Understanding of the Epidemiology and Transmission Dynamics and Recommendations for Surveillance and Control in Central and Northern Asia, September 8-9, 2004, Sholpan-Alta, Kyrgystan.

SERVICE ACTIVITIES:

Professional Organizations and Service:

Association for Veterinary Epidemiology and Preventive Medicine (2005-present)
American Society of Tropical Medicine and Hygiene (2004-present)
Royal College of Veterinary Surgeons (2002-present)
Wildlife Disease Association (2002-present)
British Society for Parasitology (2002-present)
Irish Society for Parasitology (2001-2002)
American Veterinary Medical Association (2001-present)

Manuscript Review for Journals:

Preventative Veterinary Medicine (2005-present)
Medical Science Monitor (2005-present)
Advances in Parasitology (2005-present)