

Ching Ching Wu, D.V.M., Ph.D.

CONTACT INFORMATION:

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EDUCATION:

D.V.M. June, 1980; Veterinary Medicine
National Taiwan University, Taipei, Taiwan
Ph.D. July, 1987; Veterinary Microbiology/Immunology
University of Minnesota; Minneapolis/St. Paul, Minnesota, USA

PROFESSIONAL EXPERIENCES:

08/87-06/92 Assistant Professor of Veterinary Microbiology, College of Veterinary Medicine,
Mississippi State University, Mississippi, USA
07/92-12/92 Associate Professor of Veterinary Microbiology, College of Veterinary Medicine,
Mississippi State University, Mississippi, USA
01/93-06/99 Associate Professor of Veterinary Microbiology, Department of Veterinary
Pathobiology, School of Veterinary Medicine; and Head, Bacteriology and
Mycology Section, Animal Disease Diagnostic Laboratory, Purdue University,
Indiana, USA
07/99-06/11 Professor of Veterinary Microbiology, Department of Comparative Pathobiology,
School of Veterinary Medicine; and Head of Bacteriology and Mycology Section,
Animal Disease Diagnostic Laboratory, Purdue University, Indiana, USA
07/11-present Visiting Professor of Veterinary Microbiology, School of Veterinary Medicine,
National Taiwan University, Taipei, Taiwan

PROFESSIONAL MEMBERSHIPS (partial listing):

American Veterinary Medical Association (AVMA)
Member, AVMA's Steering Committee on Judicial Therapeutic Antimicrobial Use
(representing AAVLD), 1998-2004
Council Member, Council on Biologics and Therapeutic Agents, AVMA, 2005-2011
AVMA liaison to the US Delegation of the Codex Ad Hoc Intergovernmental Task Force
on Antimicrobial Resistance, 2006-2011
American Association of Veterinary Laboratory Diagnosticians (AAVLD)
Editor, Journal of Veterinary Diagnostic Investigation, 1995-2012
Co-chair, Steering Committee on Bacteriology, 1993-1997
Co-chair, Subcommittee on Antimicrobial Susceptibility, 1992-present
American Association of Avian Pathologists (AAAP)
Editor, Avian Diseases, 2001-present
Director, Central region, Board of Directors, AAAP, 2001-2007
Chair, North Central Avian Disease Conference, 1998-1999, 2006-2007, 2010-2011
Clinical and Laboratory Standards Institute (CLSI)
Voting Member and Working Group Chair, Subcommittee on Veterinary Antimicrobial
Susceptibility Testing, 1998-present
Advisor, Veterinary Antimicrobial Susceptibility Testing, 2006-present

AWARDS (partial listing):

- 12/92 Dean's Pegasus Award for Contributions and Excellence in Research and Creative Achievement, College of Veterinary Medicine, Mississippi State University
- 7/98 Upjohn Achievement Award, American Association of Avian Pathologists. Nominated.
- 10/04 The Seed for Research Success Award, Purdue University
- 4/05 Pfizer Animal Health Award for Research Excellence
- 5/05 Purdue University Agricultural Dean's Team Award for Excellence in Agriculture Air Quality Research
- 4/10 North Central Avian Disease Conference Meritorious Service Award
- 7/11 AAAP President's Special Service Award, American Association of Avian Pathologists

BIOGRAPHICAL INFORMATION:

Dr. Wu is a veterinarian and also holds a PhD in microbiology. She has been a Professor of Microbiology and devoted to research, education, and diagnostic services and investigations in microbiology throughout her entire professional career. Dr. Wu is currently a visiting professor of microbiology at School of Veterinary Medicine, National Taiwan University. Dr. Wu had been a professor of microbiology in the Department of Comparative Pathobiology, School of Veterinary Medicine and the Head of the Bacteriology and Mycology Section at Indiana Animal Disease Diagnostic Laboratory (ADDL) during her tenure at Purdue University. She directed diagnostic microbiology services and provided diagnostic microbiology support to veterinarians, animal owners, and researchers for isolation, identification, and control of infectious bacterial diseases. In addition, she supervised avian serology and virology services. Dr. Wu is often sought by the veterinarians and biomedical researchers for issues related to infectious diseases, zoonotic diseases, antibiotic resistance, and animal models of infectious diseases. Dr. Wu's research has been focused on infectious diseases, with emphasis on interaction of host and microbial agents, vaccinology, and antibiotic sensitivity/resistance. Dr. Wu has authored or co-authored 141 peer-reviewed articles in the professional scientific journals and 270 abstracts/presentations in the national/international professional meetings.

Dr. Wu has served many leadership roles for national and international professional societies. She has served multiple terms as a voting member on the Subcommittee on Veterinary Antimicrobial Susceptibility Testing in the Clinical and Laboratory Standards Institute and heads several working groups to study interpretive criteria for the veterinary antibiotics. Dr. Wu was appointed by AAVLD to be on the American Veterinary Medical Association (AVMA) Steering Committee on Judicial Therapeutic Antimicrobial Use from 1998-2004. She was elected by the AVMA delegates to serve on AVMA Council on Biologics and Therapeutic Agents from 2005 to 2011 representing microbiology discipline. This council addresses the issues concerning the standard and regulation of veterinary biologics and therapeutic agents and provides recommendation to USDA and FDA. She was the AVMA liaison to the US Delegation of the Codex Ad Hoc Intergovernmental Task Force on Antimicrobial Resistance from 2006 to 2011. She is or had been on the editorial board for Avian Diseases or Journal of Veterinary Diagnostic Investigation. She has been the invited speakers or symposium organizers on antibiotic sensitivity/resistance in AVMA Symposiums, AAVLD Symposiums, American Society for Microbiology (ASM) Symposiums, and International Congress on Infectious Diseases (ICID).

Dr. Wu's diagnostic microbiology accomplishments and supporting role for the young microbiologists:

- 1) Dr. Wu had a vision in veterinary diagnostic microbiology services more than 20 years ago. She trained young microbiologists to be competent in molecular assays and established molecular diagnostic bacteriology assays and services in Indiana Animal Disease Diagnostic Laboratory in early 1990's long before molecular diagnostics becomes an entity in veterinary diagnostic laboratories in the U.S. in 2000's.
- 2) Dr. Wu is a recognized expert in the diagnosis and/or antimicrobial susceptibility of Johne's disease, mycoplasmosis, salmonellosis, and leptospirosis.
- 3) Dr. Wu has been on AAVLD's bacteriology steering committee, antimicrobial susceptibility subcommittee, and bacteriology and mycology subcommittee for more than 20 years. She has/had served as a co-chair on bacteriology steering committee for multiple terms and antimicrobial susceptibility subcommittee for more than 20 years. She has provided leadership and helped organize symposiums, mini-symposiums, or workshops on diagnostic bacteriology and antimicrobial susceptibility/resistance for young microbiologists, diagnostic microbiologists, and diagnosticians in other disciplines in AAVLD annual meetings.
- 4) Dr. Wu has served multiple terms as a voting member or advisor on the Subcommittee on Veterinary Antimicrobial Susceptibility Testing in the Clinical and Laboratory Standards Institute and headed several working groups to help establish interpretive criteria and standards for veterinary antibiotics for the last decade. Those interpretive criteria and standards are currently in use by veterinary diagnostic microbiology laboratories in the U.S. and worldwide.
- 5) Dr. Wu is a leader in veterinary antimicrobial susceptibility testing. She has helped young microbiologists and clinical veterinarians in conducting antimicrobial susceptibility testing as well as interpreting antimicrobial susceptibility testing results for effective and judicious use of antibiotics.