

# Understanding the Biology of Aging

## A Gerontology Training Course for Veterinarians



September 14-16, 2007

Purdue Research Park  
West Lafayette, Indiana

### You Are Invited

You are invited to participate in a unique learning opportunity that is designed exclusively for veterinarians who have a special interest in the study and care of aging dogs and cats.

Just as humans are living longer and more productive lives today, dogs and cats are also living longer. Recent consumer research indicates that a top desire for pet owners is to maximize the healthy lifespan of their companion animals.

Senior dogs and cats are highly valued and their owners want to provide them with the best health care available. This course is specifically designed to train a select group of veterinarians to be the go-to experts on companion animal gerontology in their community.

This course focuses on a variety of topics associated with the biology of aging. **Understanding the Biology of Aging** was developed in cooperation with the Purdue University Center on Aging and the Life Course, which is an interdisciplinary program designed to foster research and education about the aging process. The Center seeks to optimize the aging experience by drawing upon the

expertise of over 50 faculty members to lead scientific inquiries into why we age and how we can maintain or enhance physical and mental functioning over life.

The faculty selected to lead this course includes world renowned researchers that specialize in a diverse field of both human and animal study. Disciplinary affiliations include gerontology, physiology, cancer, obesity, health risk assessment, behavior modification, nutrition, and pathobiology. The time will be intensive, but highly productive:

- Candid, interactive presentation format
- Critical thinking skills applications
- Exploring new approaches to old problems
- Discovering ways to increase healthy longevity

**Understanding the Biology of Aging: A Gerontology Training Course for Veterinarians** is unlike any other course you have experienced. Enrollment is limited to a small group in order to ensure maximum benefit to all participants. Respond today to reserve your space in this class!

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#### PROGRAM SPONSORS:

Purdue Center on  
Aging and the  
Life Course

Gerald P. Murphy  
Cancer Foundation

P&G Pet Care

### Course Objective

To increase knowledge in the biology of aging and longevity and to develop the critical thinking skills necessary for veterinarians to excel in the treatment of geriatric dogs and cats.



**Registration Deadline: August 10**

## The Faculty



**David J. Waters, DVM, PhD,  
Diplomate ACVS**  
*Professor and Associate  
Director of Center on Aging  
and the Life Course  
Purdue University  
Executive Director  
Gerald P. Murphy  
Cancer Foundation*



**Kenneth F. Ferraro, PhD**  
*Professor of Sociology and  
Director of Center on  
Aging and the Life Course  
Purdue University*



**Gerald C. Hyner, PhD**  
*Professor of Health Promotion  
and Director of  
Gerontology Program  
Purdue University*



**Michael G. Hayek, PhD**  
*Associate Director  
P&G Pet Care R&D*



**Michael G. Flynn, PhD**  
*Professor of Health  
and Kinesiology  
Purdue University*

## The Location

Discussions and social activities held at these West Lafayette, Indiana locations:

- Purdue Research Park
- Gerald P. Murphy Cancer Foundation

### Overnight Accommodations:

University Inn Conference Center & Suites  
3001 Northwestern Avenue  
West Lafayette, IN 47906  
phone 765-463-5511

See website for driving directions:

[www.uiccw.com](http://www.uiccw.com)

*See Registration form (page 4) for important Hotel reservation details (deadlines and policies).*

## Comments from Previous Course Graduates

*"I am thankful that I was invited to this program as my career in veterinary medicine has led me down the path of gerontology, and all of its nuances! More people today own pets and because of the unconditional love they offer, more clients are willing to go to great lengths for their well-being."*

*"Amazingly well-constructed and organized. Speakers' diversity made for interesting and informative talks – outside of our silos!"*

*"I never attended a course on this topic before."*

## The Agenda

### Friday — September 14, 2007

3:00 — 5:30 pm	Registration and hotel check-in — <i>University Inn Conference Center &amp; Suites</i>	
6:00 pm	<i>Purdue Technical Center (location for all class sessions)</i> <b>Welcome and Overview</b>	<i>D. Waters</i>
	<b>Why Gerontologists Need a Life Course Perspective</b>	<i>K. Ferraro</i>
	<i>Reception at the Gerald P. Murphy Cancer Foundation Gallery</i>	
8:00 pm	Dinner	

### Saturday — September 15, 2007

7:45 – 8:45 am	Breakfast buffet	
9:00 am	<b>Cellular Aging: What Does It Mean?</b>	<i>D. Waters</i>
	<b>I Think I Found the Cure: Test It or Just Trust Me</b>	<i>G. Hyner</i>
	<b>Lessons from the Youngest Old and Oldest Old</b>	<i>D. Waters</i>
	<b>Rusting Out: The Role of Oxidative Stress in Aging</b>	<i>D. Waters</i>
	<b>Nutrition and Aging: You Age As You Eat</b>	<i>M. Hayek</i>
12:30 pm	Lunch break	
2:00 pm	<b>Hormones and Aging: Nothing Is Raging</b>	<i>D. Waters</i>
	<b>The Biology of Muscle Aging</b>	<i>M. Flynn</i>
	<b>Aging and Obesity</b>	<i>K. Ferraro</i>
	<b>A Closer Look at the Aging–Cancer Connection</b>	<i>D. Waters</i>
	<b>Of Heart Attacks and Walking Dogs: Promoting Health and Preventing Disease</b>	<i>G. Hyner</i>
6:30 pm	Dinner	

### Sunday — September 16, 2007

7:45 – 8:45 am	Breakfast buffet	
9:00 am	<b>Immunology: A Life Course Perspective</b>	<i>M. Hayek</i>
	<b>Exercise, Inflammation, and Aging</b>	<i>M. Flynn</i>
	<b>Your Aging Brain</b>	<i>D. Waters</i>
	<b>Round Table Discussions and Lunch</b>	Faculty and Participants
2:00 pm	Adjourn	

**\$100 Course Fee due at check-in (September 14, 2007)**

**Travel expenses, including hotel room and tax, are to be paid by the participant.**

**Registration Deadline: Friday, August 10, 2007**

# REGISTRATION FORM

Fax to: 513-277-6886

email to: [yaeger.sm@pg.com](mailto:yaeger.sm@pg.com)

Complete and return this form by August 10, 2007

## UNDERSTANDING THE BIOLOGY OF AGING

A Gerontology Training Course for Veterinarians

September 14–16, 2007

Purdue Research Park — West Lafayette, Indiana

- YES, I will attend this training course.
- NO, I cannot attend but please let me know the next scheduled course dates.

Name \_\_\_\_\_

Clinic Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City/State/Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

e-mail address \_\_\_\_\_

## HOST HOTEL RESERVATIONS

University Inn Conference Center & Suites  
3001 Northwestern Avenue  
West Lafayette, IN 47906

phone 765-463-5511

[www.uiccw.com](http://www.uiccw.com)

See website for driving directions

## PLEASE READ THIS IMPORTANT INFORMATION ABOUT HOTEL RESERVATIONS

Because a Purdue football game is scheduled on Saturday, special hotel policies apply:

1. 2-night minimum stay (September 14-15) @ \$179/per night + tax
2. 30 day advance payment required – by August 10; charges made to credit card provided below
3. No refunds for hotel room will be issued after August 10
4. Credit card must be presented at hotel check-in

- I do not require hotel reservations
- Yes, I require hotel reservations
- Standard King \$179 plus tax/night       Non-smoking       Smoking
- Arrival Friday, September 14, 2007      Departure Sunday, September 16, 2007

Name on Credit Card \_\_\_\_\_

Card type: \_\_\_\_\_ Card # \_\_\_\_\_ Expires \_\_\_\_\_

Note: This card will be charged for two nights (\$179/each) + tax on August 10, 2007.

## DIETARY OR SPECIAL PHYSICAL REQUIREMENTS

- Special dietary needs we should be aware of (please specify)

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- Special physical needs we should be aware of (please specify)

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