

# DCM TRAINING PROGRAMS FOR VETERINARIANS/VETERINARY STUDENTS

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# Training Programs for Veterinarians/Overview

## How research trained veterinary scientists contribute to biomedical research activities:

- Enhance expertise in comparative medicine research
- Develop animal models for biomedical research
- Perform studies in a wide spectrum of research areas, including DCM Research Resources, and play significant roles in government, academia, and industry



# **Training Programs for Veterinarians/Overview**

**DCM research training programs are designed to:**

- **Enable veterinarians to pursue a career in biomedical research.**
- **Optimize future NIH-funded translational research by increasing the participation and collaboration of veterinary scientists trained in biomedical research.**
- **Inherently increase the number of minority and women veterinarians in biomedical research.**
- **Provide a unique program specifically for veterinarians and veterinary students that is not duplicated at other NIH ICs.**

# Pathway to independence

4 Years

|-----| **DVM Degree**

**Veterinary Student:** T35 (12 weeks summer research experience)  
Pre-doc T32 (1 year research experience)

3 Years

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**Veterinarian (post-docT32)**

5 Years

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**Veterinarian (mentored KO1)**

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**Independent Researcher**

# Training Programs for Veterinarians/Overview

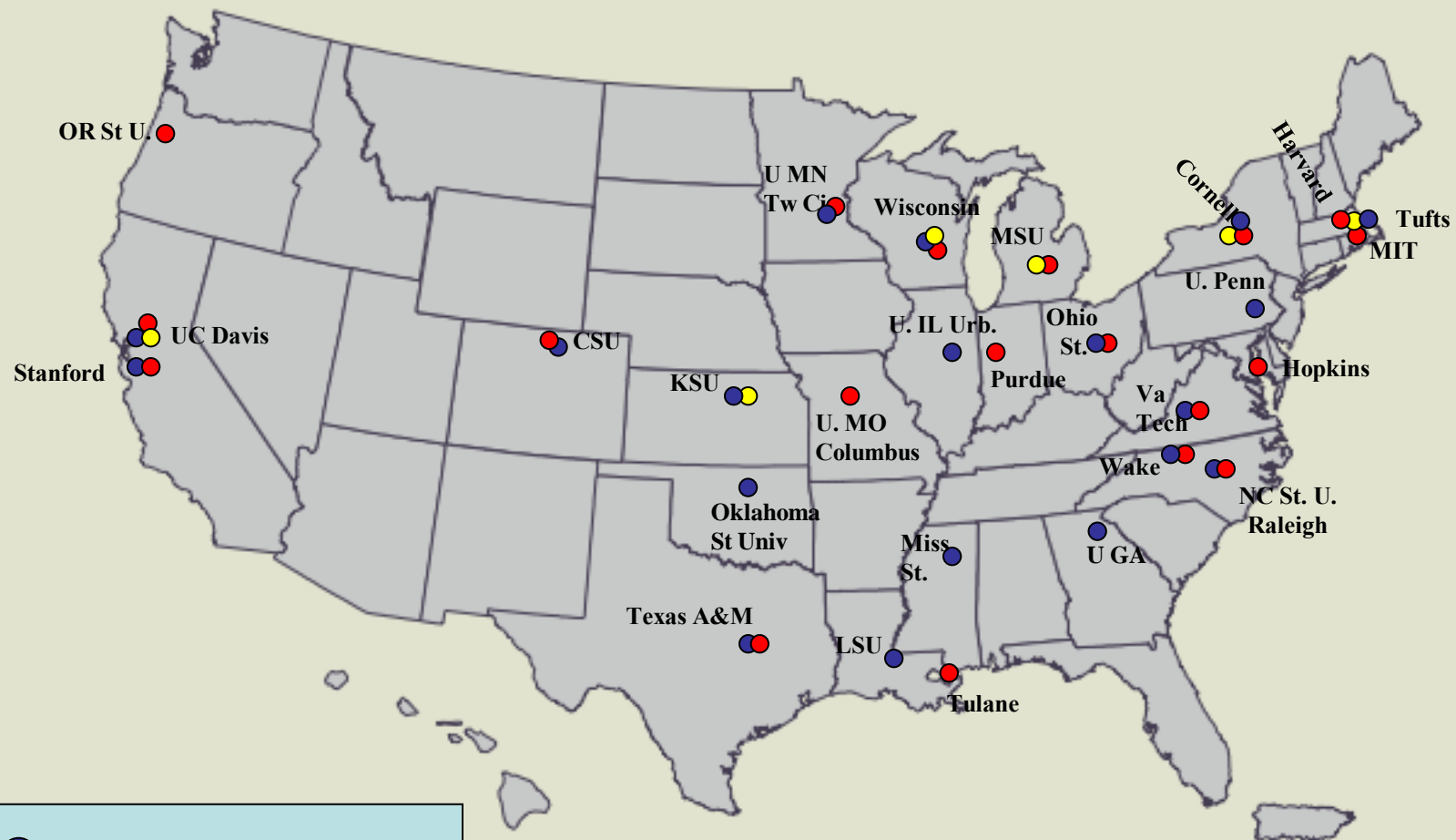
## Number of DCM Funded Trainees for FY-2012:

- More than 200 veterinarians are participating in T32 post-doctoral institutional and KO1 mentored training programs.
- Summer research programs (T35) provided research experience for more than 150 veterinary students.
- Fifteen trainees are enrolled in the T32 pre-doctoral Program.



# 2012: DCM/ORIP Funded Programs

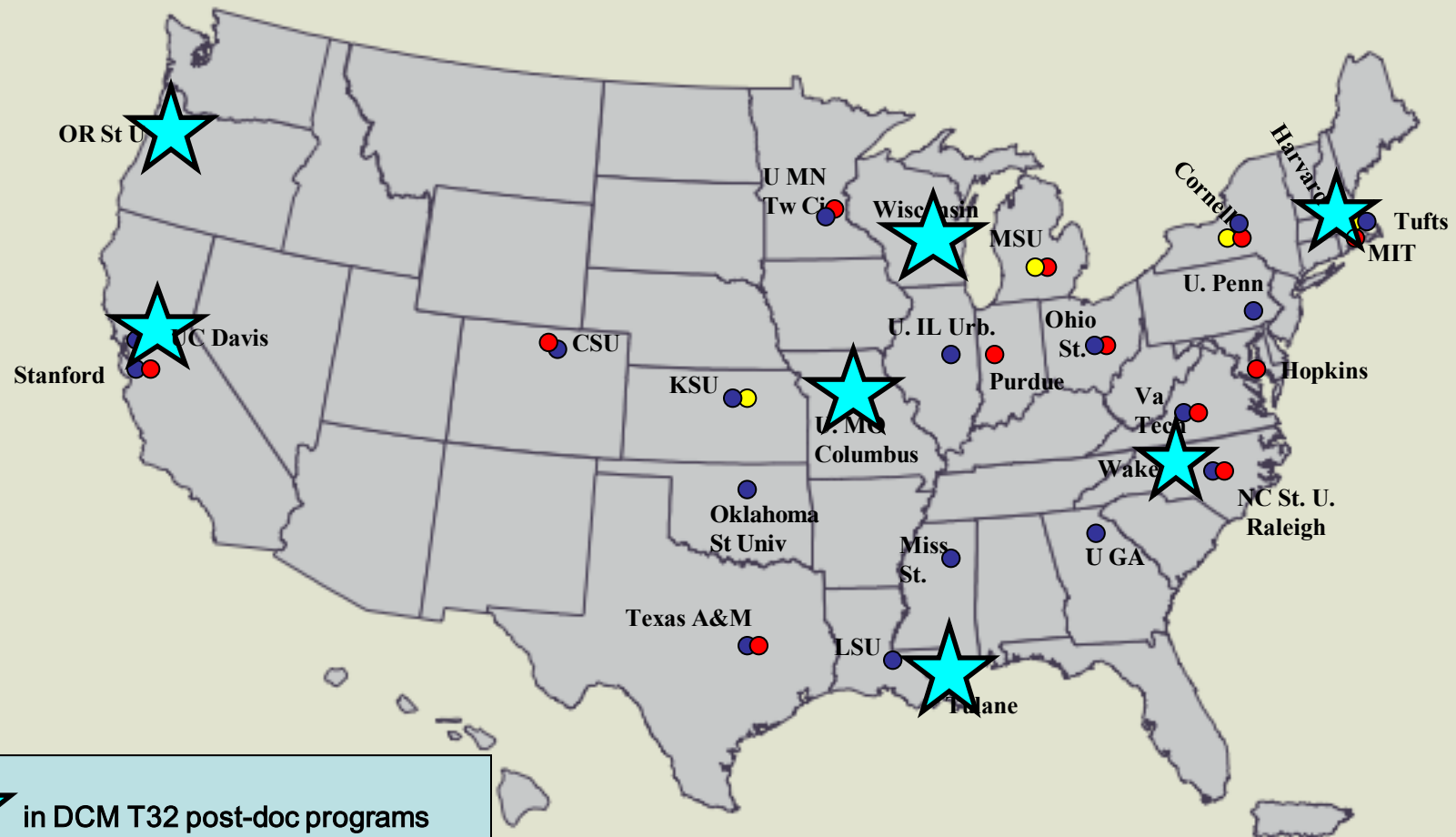
Institutional Training Grants for Veterinary Scientists (T32+T35)



- T35 (\$1.1M/19 Awards)
- Pre Doc T32 (\$526K/6 Awards)
- Post Doc T32 (\$5.3M/19 Awards)

# 2012: DCM/ORIP Funded Programs

Institutional Training Grants for Veterinary Scientists (T32+T35)



★ in DCM T32 post-doc programs

● T35 (\$1.1M/19 Awards)

● Pre Doc T32 (\$526K/6 Awards)

● Post Doc T32 (\$5.3M/19 Awards)

# Training Programs for Veterinarians/Overview

**Several former DCM trainees have served or currently serve as:**

- **Independent investigators**
- **Veterinary college deans**
- **Research administrators**
- **Training program directors**
- **DCM resource directors**
- **Research department chairs**
- **Members of the National Academies**