

Pierce College IACUC
Meeting Agenda
November 17, 2016

- I. Perform Indoor Facilities Inspection
- II. Approve Agenda
- III. Approve Minutes from April 28, 2016 meeting
- IV. Approve IO Report from April 28, 2016
- V. Review and Approve Existing Course Protocols and SOPs for Spring semester classes
 1. AS 413
 2. AS 423
 3. AS 470
 4. AS 506
- VI. Review and Approve Existing Small Animal PVCs
- VII. Review and Approve Updated Large Animal PVCs
- VIII. Approve Dr. Dao as Program DVM for Large Animals
- IX. New Business
 - a. Rabbit to Student Ratio
 - b. Rabbit Procurement

Pierce College RVT Program IACUC
Meeting Minutes November 17, 2016

Present:

Rebecca Yates, DVM	Program Veterinarian - Lab Animals
Jennifer Adelini, DVM	Program Veterinarian – Small Animals
Lu Dao, DVM	Program Veterinarian – Large Animals
Elizabeth White, RVT	Program Director; Chairperson
Alyssa Douglas, RVT	Scientific Member
Stacey Dancy	Public member
Angela Killips, RVT	Adjunct Member
Andrea Knipe, RVT	Adjunct Member

Meeting commenced at 5:30 p.m.

- I. Inspection of indoor facilities was performed.
 - See attached form for inspection results
 - IACUC was very impressed with overall cleanliness of facilities and good condition of the animals.
- II. Agenda was approved unanimously.
- III. Meeting minutes from 4/28/16 were unanimously approved with the correction that Dr. Adelini was present for this meeting.
- IV. Institutional Official Report from 4/28/16 was unanimously approved as written.
- V. Protocols for AS 413, 423, 470 and 506 were unanimously approved. Protocol for AS 470 needs to include rodents. IACUC approved increasing student to animal ratio for rabbits from 1:4 to 1:6. Recommended to add EMLA cream to the SOP for rabbit venipuncture.
- VI. All Programs of Veterinary Care for small and lab animals were reviewed and approved as written. Program of Veterinary Care for large animals have been rewritten by Dr. Dao and Dr. Yates to reflect current practices. These changes were unanimously approved by the IACUC.

VII. Dr. Dao was approved to serve as the Program Veterinarian for large animals. It was suggested that Dr. Adelini serve as the Program Veterinarian for the small animals and Dr. Yates for the lab animals.

VIII. Review and Approve New SOPs

- Existing SOPs for AS 413, 423 470 and 506 were approved as written.
- No new protocols were introduced at this meeting.
- It was suggested that SOPs be developed for elastration of lambs and castration goats, sheep and cattle.
- IACUC was greatly relieved to hear that pain management is being included in large animal surgeries. Pain management should be included when writing the surgical SOPs for the large animals.

IX. USDA Inspection Report

- No inspection since the last one on 4/24/2016

RECOMMENDATIONS and SUGGESTIONS

1. IACUC recommended using New Zealand Reds for rabbits if breeders cannot be located.'
2. Purchase O2 regulator so that the multi-diverter anesthesia device can be used for the rodents.
3. Update Personnel and Qualifications lists to include Angela Killips, Dr. Dao and Dr. Adelini.
4. IACUC remains satisfied with overall cleanliness of facilities and comfort of animals.

Meeting adjourned at 7:30 pm

IACUC INSPECTION CHECKLIST

Date of Inspection: 11/17/16

RVT FACILITY

Location and Description of Problem	Major/Minor Deficiency	Corrective Measure	Date to be Corrected	Date Corrected
Clinical Lab (CFS 91153)	None noted			
Cat Rooms	1. Some entries were missing 2. Write expiration dates on treat jars	Train students on how to correctly fill out the room status reports	Ongoing each semester	Ongoing each semester 2. Corrected during inspection
Food Prep Area	Spoiled produce in fridge	Regularly discard spoiled produce. Label produce for a two expiration date.		During inspection
Rabbit Room (CFS 91161)	None noted			
Rodent Room (CFS 91159) IACUC noted that the animals look very happy and well-adjusted.	None noted			
Surgery Suite	None noted. No expired drugs were found.			
Runs	None noted			
Surgery Suite	None noted			

**REPORT TO INSTITUTIONAL OFFICIAL
IACUC MEETING
11/17/16**

This report has been prepared based on the Institutional Animal Care and Use Committee meeting (IACUC) held on 11/17/16. It will address the four major areas of review, as required by the USDA:

- I) Summary of IACUC meeting minutes from 11/17/16 (full minutes attached)
 - A. Protocols and SOPs for AS 413, 423, 470 and 506 were unanimously approved.
 - B. All Programs of Veterinary Care (PVC) were reviewed and approved.
 - C. Dr. Lu Dao was approved to serve as large animal Program Veterinarian. Dr. Adelini will serve as small animal program veterinarian and Dr. Yates will serve as the lab animal veterinarian.
 - D. The IACUC commends the program for including pain management in their SOPs and protocols, and encourages the continuation of this in all new SOPs and protocols whenever appropriate.
 - E. The IACUC remains satisfied with content of Course Protocols, SOPs and PVCs.

- II) Summary of Indoor Facility Inspection
 - No major deficiencies were noted in indoor facilities. The IACUC is very satisfied with overall organization and cleanliness.
 - Complete inspection results are attached.

- III) Last USDA inspection was April 20, 2016.
 - A. No inspection has occurred since that time.

- IV) Program Review
 - A. Student Numbers
 - 1) Spring/Summer 2016 Graduates: 03
 - 2) Fall 2016 Graduates: 4
 - 3) Spring/Summer 2017 Graduates: TBD
 - 4) Incoming seniors in Spring 2017: TBD
 - 5) Incoming seniors in Fall 2016: 35
 - 6) Total seniors in Fall 2016: 126
 - 7) Entry level RVT students: ~100

 - B. Program animal numbers
 - 1) Dogs: 1 per semester (plus privately owned pets)
 - 2) Cats: 2 per semester (plus privately owned pets)
 - 3) 6 Rabbits
 - 4) 32 rodents
 - 5) 1 pot bellied pig

- 6) 1 alpaca
- 7) 1 Sulcatta tortoise

C. Faculty and Staff

- 1) Jennifer Adelini, DVM: full time animal science instructor
- 2) Lu Dao, DVM: program veterinarian – large animals; full time animal science instructor
- 3) Rebecca Yates, DVM: program veterinarian – small and lab animals; full time RVT professor
- 4) Sherry Grisham, DVM: adjunct distance education instructor
- 5) Liz White, RVT: program director; full time RVT professor
- 6) Angela Killips, RVT; Instructional Assistant; adjunct instructor

Summary and Recommendations

- IACUC using Red New Zealand rabbits if culled breeder are unavailable.
- Purchase an O2 regulator for the multi-diverter rodent anesthetic device.
- Update Personnel and Qualifications documents
- Develop SOPs for tail docking of lambs and castration of goats, sheep and cattle.
- IACUC remains satisfied with the overall cleanliness and health of the animals.

Submitted by,

Elizabeth G. White, RVT
RVT Program Director

Pierce College IACUC
Meeting Agenda
April 12, 2017

- I. Perform Indoor and Outdoor Facilities Inspection
- II. Approve Agenda
- III. Approve Minutes from November 17, 2016 meeting
- IV. Approve IO Report from November 17, 2016 meeting
- V. Review and Approve Existing Course Protocols and SOPs for Spring semester classes
 1. AS 411
 2. AS 423
 3. AS 441
 4. AS 436
- VI. Review and Approve Existing Small Animal PVCs
- VII. Review and Approve Large Animal PVCs
- VIII. New Business

Pierce College RVT Program IACUC
Meeting Minutes April 12, 2017

Present:

Rebecca Yates, DVM	Program Veterinarian - Lab Animals
Jennifer Adelini, DVM	Program Veterinarian – Small Animals
Lu Dao, DVM	Program Veterinarian – Large Animals
Elizabeth White, RVT	Program Director; Chairperson
Alyssa Douglas, RVT	Scientific Member
Stacey Dancy	Public member
Angela Killips, RVT	Adjunct Member

Meeting commenced at 5:30 p.m.

- I. Inspection of indoor and outdoor facilities was performed.
 - See attached form for inspection results
 - IACUC noted that outdoor facilities needed some “housekeeping”.
- II. Agenda was approved unanimously.
- III. Meeting minutes from 1/17/16 were unanimously approved with the correction that Dr. Adelini was present for this meeting.
- IV. Institutional Official Report from 11/17/16 was unanimously approved as written.
- V. Protocols for AS 411, 423, 436 and 441 were unanimously approved with the modification listed below.

AS 411:

- Increase age range of animals used in lab to 4 months – 15 years in order to accommodate student owned animals.
- Change student numbers to 48 in 3 labs
- Add Dr. Adelini to Authorized personnel list.

AS 423:

- Add new SOP for testicular block
- Extend patient age range to 4 months-7 years to accommodate early neutering and dental procedures

- Add “No more than 12 students in each lab”
- Describe how animal numbers are justified, even if it is variable.

AS 436

- 3 labs with 16 students each
- Age range of patients same as for AS 411
- Include justification of animal numbers

AS 441

- Change language from using the goats one per semester to once weekly.
- Individual goats will not be used more than 5 times per semester
- Goats will have a 1 week rest interval in between usages
- Add Dr. Dao to Authorized Personnel list
- Fill in number of injection/venipuncture attempts
- Add venipuncture/injection parameters:
 - Horses: 6 times per semester
 - Goats: 2 times per week
 - Cattle: 4 times per week

VI. The following Program Veterinarian designations were approved:

- Dr. Adelini: Small animals
- Dr. Dao: Large Animals and RVT Program barnyard animals
- Dr. Yates: Lab Animals

It was determined that large animal protocols for surgery are not needed because surgical procedures are not being done as a part of any class.

VII. All Programs of Veterinary Care for small and lab animals were reviewed and approved as written. Program of Veterinary Care for large animals have been rewritten by Dr. Dao and Dr. Yates to reflect current practices. These changes were unanimously approved by the IACUC.

Recommendation: IACUC recommends adding the age when a kid can be let out to pasture.

VIII. USDA Inspection Report

- The last USDA inspection was on May 9, 2017. No non-complaint items were identified.

RECOMMENDATIONS and SUGGESTIONS

1. IACUC does not feel coyote protection is adequate, especially for the young age of the kids in the pens. Recommend looking into other options, such as Coyote Rollers.
2. Purchase O2 regulator so that the multi-diverter anesthesia device can be used for the rodents.
3. Update Personnel and Qualifications lists to include Angela Killips, Dr. Dao and Dr. Adelini.
4. IACUC remains satisfied with overall cleanliness of facilities and comfort of animals.

Meeting adjourned at 7:30 pm

IACUC INSPECTION CHECKLIST

Date of Inspection: 11/17/16

RVT FACILITY

Location and Description of Problem	Major/Minor Deficiency	Corrective Measure	Date to be Corrected	Date Corrected
Clinical Lab (CFS 91153)	None noted			
Cat Rooms	1. Some entries were missing	Train students on how to correctly fill out the	Ongoing each	Ongoing each

	2. Write expiration dates on treat jars	room status reports	semester	semester 2. Corrected during inspection
Food Prep Area	Spoiled produce in fridge	Regularly discard spoiled produce. Label produce for a two expiration date.		During inspection
Rabbit Room (CFS 91161)	None noted			
Rodent Room (CFS 91159) IACUC noted that the animals look very happy and well-adjusted.	None noted			
Surgery Suite	None noted. No expired drugs were found.			
Runs	None noted			
Surgery Suite	None noted			

**REPORT TO INSTITUTIONAL OFFICIAL
IACUC MEETING
4/12/17**

This report has been prepared based on the Institutional Animal Care and Use Committee meeting (IACUC) held on 4/12/17. It will address the four major areas of review, as required by the USDA:

- I) Summary of IACUC meeting minutes from 4/12/17 (full minutes attached)
 - A. Protocols for AS 411, 423, 436 and 441 were unanimously approved with minor modifications.
 - B. All SOPs related to those classes were unanimously approved.
 - C. All Programs of Veterinary Care (PVC) were reviewed and approved, which include changes made to the large animal PVCs.
 - D. The IACUC remains satisfied with content of Course Protocols, SOPs and PVCs.
 - E. The following Program Veterinarian designations were approved:
 - a. Dr. Adelini: Small animals
 - b. Dr. Dao: Large Animals and RVT Program barnyard animals
 - c. Dr. Yates: Lab Animals

It was determined that large animal protocols for surgery are not needed because surgical procedures are not being done as a part of any class.

- II) Summary of Indoor and Outdoor Facility Inspection
 - No major deficiencies were noted in indoor facilities. The IACUC is very satisfied with overall organization and cleanliness.
 - Complete inspection results are attached.

III) The last USDA inspection was on May 9, 2017. No non-complaint items were identified. A copy of the report is attached.

IV) Program Review

A. Student Numbers

- 1) Spring/Summer 2017 Graduates:
- 2) Fall 2017 Graduates: TBD
- 3) Incoming seniors in Spring 2017:
- 4) Incoming seniors in Fall 2017:
- 5) Total seniors in Fall 2017:
- 6) Entry level RVT students: ~

B. Program animal numbers

- 1) Dogs: 0 per semester (utilize privately owned pets)
- 2) Cats: 2 per semester (plus privately owned pets)

- 3) 6 Rabbits
- 4) 32 rodents
- 5) 1 pot bellied pig
- 6) 1 alpaca
- 7) 1 Sulcatta tortoise

C. Faculty and Staff

- 1) Jennifer Adelini, DVM: program veterinarian – small animals; full time animal science instructor
- 2) Lu Dao, DVM: program veterinarian – large animals; full time animal science instructor
- 3) Rebecca Yates, DVM: program veterinarian – lab animals; full time RVT professor
- 4) Sherry Grisham, DVM: adjunct distance education instructor
- 5) Liz White, RVT: program director; full time RVT professor
- 6) Angela Killips, RVT; Instructional Assistant; adjunct instructor

Summary and Recommendations

- IACUC does not feel coyote protection is adequate, especially for the young age of the kids in the pens. Recommend looking into other options, such as Coyote Rollers.
- Purchase O2 regulator so that the multi-diverter anesthesia device can be used for the rodents.
- Update Personnel and Qualifications lists to include Angela Killips, Dr. Dao and Dr. Adelini.
- IACUC remains satisfied with overall cleanliness of facilities and comfort of animals.

Submitted by,

Elizabeth G. White, RVT
RVT Program Director

Pierce College IACUC
Meeting Agenda
November 30, 2017

- I. Perform Indoor Facilities Inspection
- II. Approve Agenda
- III. Approve Minutes from April 12, 2017 meeting
- IV. Approve IO Report from April 12, 2017
- V. Review and Approve Existing Course Protocols and SOPs for Spring semester classes
 1. AS 413
 2. AS 423
 3. AS 470
 4. AS 506
- VI. Review and Approve Existing Small Animal PVCs
- VII. Review and Approve Existing Large Animal PVCs
- VIII. New Business
 - a. Rabbit Procurement
 - b. Farm Management

Pierce College RVT Program IACUC
Meeting Minutes November 30, 2017

Present:

Rebecca Yates, DVM	Program Veterinarian - Lab Animals
Jennifer Adelini, DVM	Program Veterinarian – Small Animals
Lu Dao, DVM	Program Veterinarian – Large Animals
Alyssa Douglas, RVT	Scientific Member
Stacey Dancy	Public member
Angela Killips, RVT	Adjunct Member

Meeting commenced at 5:30 p.m.

- I. Inspection of indoor and outdoor facilities was performed.
 - See attached form for inspection results
- II. Agenda was approved unanimously.
- III. Meeting minutes from 4/12/17 were unanimously approved.
- IV. Institutional Official Report from 4/12/17 was unanimously approved as written.
- V. Protocols for AS 413, 421, 470 and 506 were unanimously approved with the modification listed below.

AS 421:

- Increase age range of animals used in lab to 4 months – 12 years (dogs) and 4 mos-20 years (cats) in order to accommodate student owned animals.
 - Number/semester changed from 4 to 2-10 for both dogs and cats.
 - Change student numbers to 36 in 2 labs
 - Class offered once yearly in the spring semester
- VI. All Programs of Veterinary Care for small. Large and lab animals were reviewed and approved as written.
 - VII. USDA Inspection Report

- The last USDA inspection was on Nov 8, 2017. No non-complaint items were identified.

RECOMMENDATIONS and SUGGESTIONS

1. IACUC does not feel coyote protection is adequate, especially for the young age of the kids in the pens. Recommend looking into other options, such as Coyote Rollers.
2. Purchase O2 regulator so that the multi-diverter anesthesia device can be used for the rodents.
3. Update Personnel and Qualifications lists to include Angela Killips, Dr. Dao and Dr. Adelini.
4. IACUC remains satisfied with overall cleanliness of facilities and comfort of animals.

Meeting adjourned at 7:30 pm

IACUC INSPECTION CHECKLIST

Date of Inspection: 11/17/16

RVT FACILITY

Location and Description of Problem	Major/Minor Deficiency	Corrective Measure	Date to be Corrected	Date Corrected
Clinical Lab (CFS 91153)	None noted			
Cat Rooms	1. Some entries were missing 2. Write expiration dates on treat jars	Train students on how to correctly fill out the room status reports	Ongoing each semester	Ongoing each semester 2. Corrected during inspection
Food Prep Area	Spoiled produce in fridge	Regularly discard spoiled produce. Label produce for a two expiration date.		During inspection
Rabbit Room (CFS 91161)	None noted			
Rodent Room (CFS 91159) IACUC noted that the animals look very happy and well-adjusted.	None noted			
Surgery Suite	None noted. No expired drugs were found.			
Runs	None noted			
Surgery Suite	None noted			

Recommendation: IACUC recommends adding the age when a kid can be let out to pasture.

**REPORT TO INSTITUTIONAL OFFICIAL
IACUC MEETING
11/30/17**

This report has been prepared based on the Institutional Animal Care and Use Committee meeting (IACUC) held on 11/30/17. It will address the four major areas of review, as required by the USDA:

- I) Summary of IACUC meeting minutes from 11/30/17 (full minutes attached)
 - A. Protocols for AS 431, 421, 470 and 506 were unanimously approved with minor modifications.
 - B. All SOPs related to those classes were unanimously approved.
 - C. All Programs of Veterinary Care (PVC) were reviewed and approved, which include changes made to the large animal PVCs.
 - D. The IACUC remains satisfied with content of Course Protocols, SOPs and PVCs.
 - E. The IACUC considered alternate sources for program rabbits because the past breeder moved out of the area.
 - F. The Pierce College farm is currently seeking a new Farm Manager to fill the recent vacancy in that position.
- II) Summary of Indoor and Outdoor Facility Inspection
 - No major deficiencies were noted in indoor facilities. The IACUC is very satisfied with overall organization and cleanliness.
 - Complete inspection results are attached.

III) The last USDA inspection was on Nov 8, 2017. No non-complaint items were identified. A copy of the report is attached.

IV) Program Review

A. Student Numbers

- 1) Fall 2017 Graduates: 11
- 2) Spring 2018 Graduates: TBD
- 3) Incoming seniors in Fall 2017: 40
- 4) Incoming seniors in Spring 2018: 32
- 5) Total seniors in Spring 2018: 91
- 6) Entry level RVT students: ~76

B. Program animal numbers

- 1) Dogs: 0 per semester (utilize privately owned pets)
- 2) Cats: 2 per semester (plus privately owned pets)
- 3) 2 Rabbits
- 4) 36 rodents
- 5) 1 pot bellied pig
- 6) 1 alpaca

7) 1 Sulcatta tortoise

C. Faculty and Staff

- 1) Jennifer Adelini, DVM: program veterinarian – small animals; full time animal science instructor
- 2) Lu Dao, DVM: program veterinarian – large animals; full time animal science instructor
- 3) Rebecca Yates, DVM: program veterinarian – lab animals; full time RVT professor
- 4) Sherry Grisham, DVM: adjunct distance education instructor
- 5) Angela Killips, RVT; Instructional Assistant; adjunct instructor
- 6) Liz White, RVT: Adjunct instructor
- 7) Jeaneal Davis, DVM: Adjunct instructor
- 8) Cynthia Ziegler, RVT: Adjunct instructor

Summary and Recommendations

- IACUC does not feel coyote protection is adequate, especially for the young age of the kids in the pens. Recommend looking into other options, such as Coyote Rollers.
- Purchase O2 regulator so that the multi-diverter anesthesia device can be used for the rodents.
- Update Personnel and Qualifications lists to include Angela Killips, Dr. Dao and Dr. Adelini.
- IACUC remains satisfied with overall cleanliness of facilities and comfort of animals.

Submitted by,

Elizabeth G. White, RVT
RVT Program Director

- A. Farm Management: While Dr. Dao is the veterinarian for the RVT barnyard animals, Dr. Yates will remain as the primary student contact. She will contact Dr. Dao if there are medical needs for the animals. Also, Dr. Dao reported that the search for a new farm manager to replace the manager that departed is currently in process. As this has created a gap in management, he is spending more time on the farm to assure the health and safety of the animals, students and staff.

Pierce College IACUC

Meeting Agenda

May 24, 2018

- I. Perform Outdoor and Indoor Facilities Inspection
- II. Approve Agenda
- III. Approve Minutes from November 30, 2017 meeting
- IV. Approve IO Report from November 30, 2017
- V. Review and Approve Existing Course Protocols and SOPs for Spring and/or Fall semester classes
 1. AS 411
 2. AS 413
 2. AS 42
 3. AS 436
 4. AS 441
- VI. Review and Approve Existing Small Animal PVCs
- VII. Review and Approve Updated Large Animal PVCs
- VIII. New Business
 - a. New IO for Pierce College: Sheri Berger, interim president
 - b. Rabbit Procurement
 - c. Farm Manager hired
 - d. Farm Animal Medical Records
 - e. Age for goat kids going out to pasture
 - f. Sheep unit upgrades
 - g. Farm staff medical training

Pierce College RVT Program IACUC Meeting Minutes May 24, 2018

Present:

Jennifer Adelini, DVM	Program Veterinarian-Small Animals
Lu Dao, DVM	Program Veterinarian-Large Animals
Rebecca Yates, DVM	Program Veterinarian-Lab Animals
Alyssa Douglas, RVT	Scientific Member
Stacey Dancy	Public Member
Angela Killips, RVT	Adjunct Member
Liz White, RVT	Adjunct Member

Meeting commenced at 5 PM

- I. Inspection of indoor and outdoor facilities was performed.
 - See attached form for inspection results
- II. Agenda was approved unanimously.
- III. Meeting minutes from **Nov 30, 2017** was unanimously approved as written.
- IV. Institutional Official Report from **Nov 30, 2017** was unanimously approved as written.
- V. Protocols for AS **411, 413, 423, 436** and **441** were unanimously approved with modifications listed below.

AS 411

- Number of students now 48 per semester divided into three labs of 16 students each
- Canines: 2-10 per semester aged 4 mos to 12 years weighing at least 5 lbs
- Felines: 2-10 per semester aged 4 mos to 20 years weighing at least 5 lbs
- Authorized personnel: Removed Yates, Added Ziegler and Adelini

AS 413

- Number of students now 48 per semester divided into three labs of 16 students each
- Canines: 2-10 per semester aged 4 mos to 12 years weighing at least 5 lbs
- Felines: 2-10 per semester aged 4 mos to 20 years weighing at least 5 lbs
- Procedure Performed: Added venipuncture 2 attempts per lab, 2 uses per week, SOP #24
- Authorized personnel: Removed Yates, Added Ziegler and Adelini

AS 423

- Students rotate through 12 tasks
- Taught once yearly in Fall semester
- Students: 36 divided into three labs of 12 per lab
- Canines: Maximum of 4 animals per week
- Felines: Maximum of 4 animals per week
- Pain Category: Pain control added SOPs #74, 75; will add ovariectomy
- Subcutaneous injections: 2 per medication
- Intramuscular injections: 2 per medication
- Neutering procedures: added SOP #76
- Authorized Personnel: Removed Yates

AS 436

- Number of students now 48 students divided into 3 labs of 16 students
- Canines: 3-12 per semester ages 4 mos-12 years weighing at least 5 lbs
- Felines: 3-12 per semester ages 4 mos-20 years weighing at least 5 lbs
- Authorized personnel: Remove Yates and Adelini; add Dao

AS 441

- Spelling corrections
- Added 2-4 IM injections
- Students: Approximately 24 students per semester
- Horse: remove the words "for painful procedures"
- Added: Number of attempts per lab and uses per week
 1. Oral dosing small ruminants: 4-6 attempts; 2 uses per week
 2. Hoof trimming small ruminants: 4-6 attempts; 2 uses per week
 3. Blood collection small ruminants: 2 attempts; 2 uses per week
 4. Equine restraint: 1-3 attempts; 2 uses per week
 5. Equine leg wrap: 4-6 attempts; 2 uses per week
 6. Equine tail wrap: 2-4 attempts; 2 uses per week
 7. Equine IM injection: 2 attempts; 2 uses per week
 8. Equine dose syringe: 4-6 attempts; 2 uses per week
 9. Equine venipuncture: 2 attempts; 2 uses per week
 10. Cattle halter: 4-6 attempts; 2 uses per week
 11. Cattle tail restraint: 4 attempts; 2 uses per week
 12. Cattle Chute restraint: 1 attempt; 2 uses per week. Needs SOP
 13. Cattle oral dosing: 2-4 attempts; 2 uses per week
 14. Cattle venipuncture: 2 attempts; 2 uses per week
 15. Cattle TPR: 4-6 attempts; 2 uses per week
- Remove banding; add surgical castration and post-op pain relief
- Authorized Personnel: Added Dao

- VI. All Programs of Veterinary care for small, large and lab animals were reviewed and approved as written.

Update all signatures by program veterinarians and program director

- VII. USDA Inspection Report
The last USDA inspections was on **Nov 8, 2017**
No non-compliant items were identified.

VIII. New Business

- New IO for Pierce college is currently Sheri Berger. This is temporary while a search for a permanent president is in progress.
- Rabbit procurement continues to be a challenge for the program. The committee agrees that using a breeder could potentially be controversial. They supported making contact with former supplier in central California.
- A new farm manager was hired. Dr. Dao is happy with the selection.
- The large animal medical records issue was tabled until next meeting. One of the many challenges has been securing internet access at the farm. The committee reminds us that maintaining animal records is a USDA requirement.
- The age at which goat kids should be allowed on pasture for safety reasons (predation) was discussed. The Farm staff decided that only adults will be allowed on pasture unattended. If goat kids are allowed on pasture, those animals will be accompanied by shepherds.
- There have been substantial improvements in the sheep unit. There is a retaining wall and new roofing for example. The farm staff is looking for someone to run the unit.
- Farm staff will take 1 AS class per semester for training purposes.
- Dr. Dao reported goat injuries due to inappropriate fencing at the goat unit. He will present medical records detailing those injuries. While the committee thought there were improvements to some areas of fencing (plywood patches are intact and adequately covering holes in underlying fencing), it is still in disrepair.

RECOMMENDATIONS AND SUGGESTIONS

1. IACUC recommends that monthly room status report tasks be filled out for the cat rooms.
2. IACUC recommends that monthly room status report tasks be filled out for the dog runs.
3. IACUC recommends various housekeeping tasks as described on facilities inspection report.

Meeting adjourned at 8:05 PM

REPORT TO INSTITUTIONAL OFFICIAL
IACUC MEETING
May/24/18

This report has been prepared based on the Institutional Animal Care and Use Committee (IACUC) meeting held on May 24, 2018. It will address four major areas of review, as required by the United States Department of Agriculture (USDA):

- I) Summary of IACUC meeting minutes from 5/24/18 (full minutes attached)
 - A. Protocols for AS 411, AS 413, AS 423, AS 436 and AS 441 were unanimously approved with minor modifications.
 - B. All SOPs related to those classes were unanimously approved.
 - C. All Programs of Veterinary Care (PVC) were reviewed and approved.
 - D. The IACUC remains satisfied with the content of Course Protocols, SOPs, and PVCs.
 - E. The IACUC is still exploring alternative sources for rabbits for the program.
 - F. The Pierce College Farm has filled the Farm Manager position and that individual will be announced soon.

- II) Summary of Indoor and Outdoor Facility Inspection
 - No major deficiencies were noted in indoor facilities. The IACUC is very satisfied with overall organization and cleanliness.
 - No major deficiencies were noted in outdoor facilities. The IACUC is hopeful that a new farm manager will enhance animal care and management.
 - Complete inspection report attached.

III) The last USDA inspection was on Nov 8, 2017. No non-compliant items were identified. A copy of the report is attached.

IV) Program Review

A. Student Numbers

- 1) Spring 2018 Graduates:
- 2) Incoming seniors in Fall 2018:
- 3) Incoming seniors in Spring 2018:
- 4) Total seniors in Fall 2018:
- 5) Entry level RVT students:

B. Program Animal Numbers

- 1) Dogs: 0 per semester (utilize privately owned pets)
- 2) Cats:
- 3) Rabbits: 0 (utilize privately owned pets)
- 4) Rodents:
- 5) Pot-bellied Pig: 1

6) Sulcata tortoise: 1

C. Faculty and Staff

- 1) Jennifer Adelini, DVM: program veterinarian-small animals; full time animal science instructor
- 2) Lu Dao, DVM: program veterinarian-large animals; full time animal science instructor
- 3) Rebecca Yates, DVM: program veterinarian-lab animals; full time animal science instructor
- 4) Sherry Grisham, DVM: adjunct distance education instructor
- 5) Angela Killips, RVT: Instructional Assistant; adjunct instructor
- 6) Liz White, RVT: Adjunct instructor
- 7) Cynthia Ziegler, RVT: Adjunct instructor

Summary and Recommendations

Pierce College IACUC
Meeting Agenda
Nov 15, 2018 4 PM

- I. Perform Outdoor and Indoor Facilities Inspection
- II. Approve Agenda
- III. Approve Minutes from May 24, 2018 Meeting
- IV. Approve IO Report from May 24, 2018 Meeting
- V. Review and Approve Existing Course Protocols and SOPs for Spring and/or Fall Classes
 1. AS 421
 2. AS 470
 3. AS 506
- VI. Review and Approve Existing Small Animal PVCs
- VII. Review and Approve Large Animal PVCs
- VIII. New Business
 1. New IO for Pierce College: Larry G. Buckley
 2. Recent USDA Inspection
 3. Farm Management and staff
 4. Farm Animal medical records update
 5. Rabbit Procurement
 6. Veterinary care for Oliver, pot-bellied pig

Pierce College RVT Program IACUC Meeting Minutes Nov 15, 2018

Present:

Jennifer Adelini, DVM	Program Veterinarian-Small Animals
Lu Dao, DVM	Program Veterinarian-Large Animals
Rebecca Yates, DVM	Program Veterinarian-Lab Animals
Alyssa Douglas, RVT	Scientific Member
Stacey Dancy	Public Member
Angela Killips, RVT	Adjunct Member
Liz White, RVT	Adjunct Member

Meeting commenced at 4 PM

- I. Inspection of indoor and outdoor facilities was performed.
 - See attached form for inspection results
- II. Agenda was approved unanimously.
- III. Meeting minutes from **May 24, 2018** were unanimously approved with minor corrections.
- IV. Institutional Official Report from **May 24, 2018** was unanimously approved as written.
- V. Protocols for AS **421, 470** and **506** were unanimously approved with modifications listed below.

AS 421

- Number of students now 36 per semester divided into two labs of 18 students each
- Heading changed to # of Attempts/Lab or per animal
- Canines: 2-10 per semester aged 4 mos to 12 years weighing at least 5 lbs
- Felines: 2-10 per semester aged 4 mos to 20 years weighing at least 5 lbs
- Remove dental prophylaxis (this will be incorporated into the new dentistry course, AS 424)

AS 470

- Protocol Synopsis: Addition of the term “rodents” to the protocol. Previous version only referred to rabbits.
- Rabbits: each animal will not be bled more than twice per lab

AS 506

- Protocol Synopsis: Correction to class being offered twice per year
- Add subcutaneous injections: Sheep, goats and chickens one attempt per lab per week
- Add hoof trimming for small ruminants once per lab, once per week
- Add bandaging once per lab, once per week

VI. All Programs of Veterinary care for small, large and lab animals were reviewed and approved as written.

Update all signatures by program veterinarians and program director

VII. USDA Inspection Report
The last USDA inspection was on **May 23, 2019**
Awaiting official report.

VIII. New Business

- New IO for Pierce College is Larry G. Buckley. The USDA has been notified of the new Institutional Official.
- The recent USDA inspection was discussed. The conversation included the new approach by the USDA to have more talking points vs. citations. We reviewed a letter from the farm manager regarding a coyote incident at the goat unit where a goat was killed back in June. The IACUC was satisfied that several corrections were made to the fencing to prevent any reoccurrence in the future. However, the fencing is antiquated and needs replacing (see below).
- The farm is currently short staffed as one member is on leave. There was a suggestion to have student assistance on the farm with Marcie supervising in the morning (eg AS 180 and AS 441 students). There was a suggestion to get volunteers to help with facility clean up. It could be called a “farm beautification day”. Dr. Yates met with Dr. Andricos who expressed concerns for the farm. As a result I was asked to visit the farm to monitor progress on the issues that she identified on her latest visit. This was done and inspections were documented. (see attached).
- There is still no internet for the farm, therefore electronic medical records are not possible at this time. The large animal medical records are in hard copy form and maintained at the farm. Dr. Dao believes that this system of record keeping is adequate.
- Dr. Dao produced information concerning injuries sustained by several goats due to inadequate and dangerous fencing. Some potential funding sources for new fencing was discussed. The IACUC will draft a letter to Larry Krause stating that fencing is dangerous to animals and personnel and that this issue needs to be resolved.

- The ongoing shortage of rabbits for the program was discussed. We have been utilizing students owned rabbits for the past several semesters until a new source is identified.
- Dr. Dao no longer wishes to be the program veterinarian for the program pot-bellied pig. Dr. Yates will now serve in that role.

RECOMMENDATIONS AND SUGGESTIONS: see inspection report attached

1. IACUC recommends that monthly room status report tasks be filled out for the cat rooms.
2. IACUC recommends that monthly room status report tasks be filled out for the dog runs.
3. IACUC recommends fencing corrections at goat unit.

Meeting adjourned at 6:05 PM

**REPORT TO INSTITUTIONAL OFFICIAL
IACUC MEETING
Nov 15, 2018**

This report has been prepared based on the Institutional Animal Care and Use Committee (IACUC) meeting held on Nov 15, 2018. This report was approved at the last IACUC meeting held May 30, 2018. It will address four major areas of review, as required by the United States Department of Agriculture (USDA):

- I) Summary of IACUC meeting minutes from 11/15/18 (full minutes attached)**
- A. Protocols for AS 421, AS 470, and AS 506 were unanimously approved with minor modifications.
 - B. All SOPs related to those classes were unanimously approved.
 - C. All Programs of Veterinary Care (PVC) were reviewed and approved.
 - D. The IACUC remains satisfied with the content of Course Protocols, SOPs, and PVCs.
 - E. The IACUC is still exploring alternative sources for rabbits for the program.
- II) Summary of Indoor and Outdoor Facility Inspection**
- No major deficiencies were noted in indoor facilities. The IACUC is very satisfied with overall organization and cleanliness.
 - No major deficiencies were noted in outdoor facilities. The IACUC is hopeful that new fencing will be authorized at the goat unit to prevent coyote attacks and decrease animal and staff injuries.
 - Complete inspection report attached.

III) The last USDA inspection was on May 23, 2019. No report has been submitted.

IV) Program Review

A. Student Numbers

- 1) Fall 2018 Graduates: **14**
- 2) Spring 2019 Graduates: **14**
- 3) Incoming seniors in Spring 2019: **0**
- 4) Incoming seniors in Fall 2019: **39**
- 5) Total seniors in Spring 2019: **70**
- 6) Entry level RVT students: **56**

B. Program Animal Numbers

- 1) Dogs: **0** per semester (utilize privately owned pets)
- 2) Cats: **5**
- 3) Rabbits: **0** (utilize privately owned pets)
- 4) Rodents: (F18: **19** ; S19: **17**)
- 5) Pot-bellied Pig: **1**
- 6) Sulcata tortoise: **1**

C. Faculty and Staff

- 1) Jennifer Adelini, DVM: program veterinarian-small animals; full time animal science instructor
- 2) Lu Dao, DVM: program veterinarian-large animals; full time animal science instructor
- 3) Rebecca Yates, DVM: program veterinarian-lab animals; full time animal science instructor
- 4) Sherry Grisham, DVM: adjunct distance education instructor
- 5) Angela Killips, RVT: Instructional Assistant; adjunct instructor
- 6) Liz White, RVT: Adjunct instructor
- 7) Cynthia Ziegler, RVT: Adjunct instructor

Summary and Recommendations

- IACUC remains satisfied with overall cleanliness of facilities and comfort of the animals

Submitted by,

Rebecca A. Yates, M.A., D.V.M.
Instructor, Program Veterinarian
IACUC Committee Chair

Pierce College IACUC

Meeting Agenda
May 30, 2019 5 PM

- I. Perform Outdoor and Indoor Facilities Inspections
- II. Approve Agenda
- III. Approve Minutes from Nov 15, 2018 Meeting
- IV. Approve IO Report from Nov 15, 2018 Meeting
- V. Introduction of New Members
- VI. IACUC Committee Member Role and Responsibilities at Pierce College
- VII. Review and Approve Existing Course Protocols and SOPs for Spring and/or Fall Classes
 1. AS 411 Animal Nursing I Laboratory
 2. AS 413 Animal Nursing II Laboratory
 3. AS 423 Clinical Procedures in Animal Care II Laboratory
 4. AS 424 Dentistry for Veterinary Technicians (**New course)
 5. AS 436 Veterinary Radiography Laboratory
 6. AS 441 Large Animal Nursing Laboratory
- VIII. Review and Approve Existing Small Animal PVCs (Programs of Veterinary Care)
- IX. Review and Approve Large Animal PVCs
- X. New Business
 1. New IO for Pierce College 7/1/19: Dr. Alexis S. Montevirgen
 2. Recent USDA Inspection
 3. Goat Unit Fencing: Letter to Larry Krause
 4. Farm Animal Veterinary Care: release time for Dr. Dao
 5. Farm Animal Medical Records and Communication with IACUC
 6. Venipuncture Logs
 7. Kennel Area Play Yard
 8. Veterinary Care for Oliver, pot-bellied pig
 9. Horse care
 10. Program animals

IACUC Meeting Minutes Convened on May 30, 2019

I. Perform Outdoor and Indoor Facilities Inspections

Outdoor inspection commenced at 5:15 PM.

Indoor inspection commenced at 6:15 PM

Inspection reports attached.

Meeting began at 7:05

II. Approve Agenda

Agenda approve unanimously

III. Approve Minutes from Fall 2018 Meeting

Approve minutes: It was brought up that the APHIS inspector, Dr. Andricos, wanted to make sure that the IACUC was satisfied with the measures that were taken to prevent another coyote attack. The chair reminded the committee that a coyote got inside of a goat pen had killed a goat in June 2018. Not all members recall the letter written by the farm manager describing the incident, but they all stated that they were satisfied with the fencing repairs observed during the Fall 2018 inspection. The chair asked Marcie to send a copy of her summary of the incident to all members. She agreed.

Minutes approved unanimously with minor corrections.

IV. Approve IO Report from Fall 2018 Meeting

IO Report approved unanimously with minor corrections.

V. Review and Approve Existing Course Protocols and SOPs for Spring and/or Fall Classes

1. AS 411
2. AS 413
3. AS 423
4. AS 424
5. AS 436
6. AS 441

Our newest IACUC, Jen Sargent RVT, was introduced and gave us a brief summary of her experience and expertise. One member commented that we might need a “lab animal specialist” for the committee. We will ask Dr. Andricos for clarification on the makeup of our committee and what titles are appropriate. Unfortunately our other new member was unable to attend and hopes to be present for the meeting in the fall.

A summary of the roles and responsibilities of IACUC members and the committee was distributed and discussed. All committee members were given a copy.

VI. Review and Approve Existing Small Animal PVCs

VII. Review and Approve Large Animal PVCs

Course protocol synopses and PVC's were reviewed. There were minor changes made to several protocol synopses as follows:

AS 411

Change student count from 48 students per semester, divided into 3 labs of 16 **TO** **39** students per year divided into 3 labs of **13**.

Change venipuncture attempts from 4 per lab to **2** per lab.

The course protocols and PVC's will be completely reviewed by three IACUC members this summer (Yates, Adilini, Killips). The edits and revisions will be sent electronically to all IACUC members for thorough review at our next meeting.

We were uncertain about the pain categories for two of the courses, AS 423 and AS 424. They are currently listed as category "D". We will ask Dr. Andricos for clarification on the categorization.

VIII. New Business

Dr. Andricos was here last week. She asked the chair if the IACUC was aware of the coyote incident from June 2018. I told her that I didn't recall and would refer to my notes. What I did remember is that Marcie wrote a very thorough description of the letter and that the IACUC specifically examined the fencing at the goat unit during the Nov 2018 meeting and was satisfied with the repairs.

The IACUC approved of the letter drafted to inform the administration that the fencing at the goat unit is inadequate. They recommended that it be sent to Paul Neiman. A final copy will be emailed to the committee for approval prior to the letter being sent.

The committee was informed that Dr. Dao would act as farm veterinarian. He has arranged for Conejo Valley Veterinary Hospital as back up. The committee reminded the farm staff that this information needs to be posted and that the Sheriff's department needs to know exactly who to call for veterinary care after hours.

Dr.Dao states that farm animal medical records are available at the goat unit and can be accessed from 7 AM- 3 PM daily. There still is no Internet access at the goat unit so electronic records are not possible at this time. We discussed the lack of communication between the farm and the IACUC committee. There has been no communication about animal health with the committee for two months. Members agreed that this was too long. Dr. Dao was under the impression that he didn't need to inform the IACUC chair (Yates) about any medical issues now that she no longer

consults with him about cases. The committee came to an agreement the committee needs to be informed about major medical issues within 24 hours. One member stated that this is especially important for injuries that seem to be repetitive. Dr. Dao stated that it is too much work to give us a weekly summary. The committee reluctantly agreed to a monthly summary with the option to revise this recommendation if it seems too infrequent or if Dr. Andricos recommends otherwise.

The farm keeps their own venipuncture logs. The committee asked to be shown the location and emphasized the importance of the logs to prevent the overuse of animals in laboratories.

The kennel play yard was discussed. Specifically, dogs that run in the yard injure their footpads because the surface is too aggressive. Over the past several years, the RVT staff proposed many solutions, but all of these recommendations were rejected by the administration. The IACUC believes that this needs to be resolved and is going to ask the administration to solve the problem ASAP. This issue will be added to the letter about goat fencing inadequacy. A related issue is the absence of any shade in the yard. When potted trees were donated to the program the administration would not allow them to be placed in the play yard because they are trees that are not on the official permitted trees for the campus. This issue will be revisited at a later date. We decided to prioritize the yard surface.

Veterinary care for our pot-bellied pig will be provided by Dr. Scott Amsel. Oliver is overdue for his routine exam and it is due to be scheduled soon. Dr. Yates is still the program veterinarian for Oliver.

The farm manager Marcie was asked about recent incidents with the horses. On one evening early in the semester the horses were not fed and apparently there were no records that show whether horses have been fed or not. She stated that this has been remedied. There are now logs that reflect daily horse care located at the equine facility in the food trailer. Another issue is the frequency and quality of horse shoeing being performed on the herd. Paddy Warner has expressed frustration that shoeing was done too infrequently instead of at the standard interval of 8 weeks. Marcie states that she met with Paddy and the Dean and they decided that it would be 8 weeks. At the last horse shoeing, several horses were lame and could not be ridden in equine classes. Marcie commented that in the past Paddy Warner was present for the procedures. Paddy has been on medical leave this semester so has not been available to oversee the shoeing. Marcie suggests that without Paddy being present, perhaps the quality of the work performed has declined. We suggested that one of the experienced farm staff (Marcie or Oscar) be present for at least a part of the procedure to make sure it meets our expectations. Marcie will try but it may be impractical given their farm duties. Lastly, Marcie informed the committee about a horse death that occurred this semester. The horse received appropriate care by our contract equine veterinarians and unfortunately was humanely euthanized due to severe colic.

Dr. Andricos mentioned in a recent inspection that she and Liz had agreed that if sheep are not utilized in RVT classes that she would not need to inspect them. Now that Dr. Dao has taken over the large animal nursing class, he would like to use the sheep in teaching. We reminded him that all the protocols must be in place and updated to reflect their use in laboratories. He agreed.

The meeting adjourned at 8:13 PM

Pierce College IACUC Inspection Worksheet

Date: 30-May-19

Outdoor Facilities	Problem/Deficiency	Deficiency Type*	Corrective Measure	Date to be Corrected	Date Corrected	Notes
Goat Unit	Form not filled out	M	Change form	1 week	6/7/2019	
	Indoor log	M	Change form	1 week	6/7/2019	6/26 still missing entries
	MSDS	M	Use RVT MSDS	Next mtg	11/7/2019	
	Expired Rx	M	Write expired	Now	Now	
	Not labeled	M	Label	1 month	6/26/2019	
Sheep Unit		A				
Cattle Areas	Squeeze chute	M	Clean fecal debris	Next lab	6/26/2019	Clean before next use
Equine Unit	No animals present	NA				Horses had left for the season
Red Barn	Expired nolvasan	M		F19	6/5/2019	Is horse trailer used?

- * Deficiency Type
- A= Acceptable
- M= Minor deficiency
- S= Significant deficiency (is or may be a threat to animal health or safety)
- NA= Not applicable

Pierce College IACUC Inspection Worksheet

Date: 30-May-19

Indoor Facilities	Problem/Deficiency	Deficiency Type*	Corrective Measure	Date to be Corrected	Date Corrected	Notes
Cat Rooms CFS 91171	Expired chlorhexidine	M	Refresh	F19	6/5/2019	Completed paperwork was noted
Food Prep CSF 91167		A				
Rodent Room CFS 91159		A				Flawless charts
Rabbit Room CFS 91161		A				
Surgery CFS 91158						
CFS 91162	Vaporizor	M	Get serviced	F19	6/21/2019	Service not returning our calls
Runs CSF 91168	Missed entries	M				Ongoing problem Train students
Clinical Lab CFS 91153	Chicken broth Sharps container	M M	Label Replace	F19 F19	6/18/2019 6/13/2019	Needs expire date tape
Other	All vaporizors need servicing					Done 6/21/19

- * Deficiency Type
- A= Acceptable
- M= Minor deficiency
- S= Significant deficiency (is or may be a threat to animal health or safety)
- NA= Not applicable