

Residency in Comparative Theriogenology

Please see “House Officer Programs: General Information” for basic information common to all internship and residency programs. The following information highlights specific program requirements of the Theriogenology residency program.

Program Director: Dr. Theresa Beachler (beachler@iastate.edu); (515)-290-5432

Faculty Diplomates serving as supervisors and potential advisers of the program:

- Theresa Beachler, DVM, PhD, DACT
- Caitlin Wiley, DVM, MS, DACT
- Olivia Stricklin, DVM, MS, DACT

Specialty College: American College of Theriogenologists (ACT)

- Residents must follow requirements for candidate registration, certification, and examination of the ACT as outlined online through the General Information Guidelines (GIG): <https://www.theriogenology.org/page/GIG>
- Candidates must be a graduate of a college or school of veterinary medicine accredited by the AVMA, or possess a certificate issued by either the Educational Commission for Foreign Veterinary Graduates (ECFVG) or the Program for the Assessment of Veterinary Educational Equivalence (PAVE) OR be legally qualified to practice veterinary medicine in some state, province, territory, or possession of the United States, Canada or another country. Candidates must be eligible for or already accredited by the USDA for purposes of issuing Certificates of Veterinary Inspection and other regulatory duties.
- Candidates must demonstrate unquestionable moral character and impeccable professional behavior.
- Residency (“Standard” or “Traditional”) Training Route per ACT – minimum of one (1) year of clinical practice followed by a minimum of two (2) additional years training in an ACT-approved residency program to be eligible to sit for examination
- Residency Route Trainees must register with the ACT office within ninety (90) days after starting their training program.
- Resident should prepare to take the ACT exam and submit forms and fees (see <https://www.theriogenology.org/page/GIG> for cost and deadlines) prior to the residency completion.
- ACT requires a peer reviewed first author manuscript to be published as part of the requirements to achieve Diplomate status. Completion of this requirement is strongly encouraged to take place prior to the completion of the residency training program. <https://www.theriogenology.org/page/GIG>

Prerequisites and Application

- Candidates must have successfully completed a DVM, or equivalent, degree from an accredited veterinary school.
- Candidates must have completed a minimum of one (1) year of clinical practice prior to start of residency

- The resident for this program should have a strong interest in pursuing a board certification from the American College of Theriogenologists (ACT) and a position in academia or a reproductive-focused career in private practice.
- In addition to the application, an interview may be required with the Theriogenology faculty via phone or in person.
 - After reviewing the applications received, the faculty will extend invitations via phone and email to potential candidates.
 - The faculty will specify a two-week period of time during which the applicant can schedule their interview via phone or in person.
 - Applicants who do not agree to or are not able to arrange an interview will not be considered further.

Clinical Program Requirements

Theriogenology Residency Schedule (1st year)	Theriogenology Residency Schedule (2nd year)
37 weeks in Therio (SA/EQ/FA) with direct supervision with a DACT **	38 weeks in Therio (SA/EQ/FA) with direct supervision with a DACT **
4 weeks in Cryopreservation Lab	4 weeks in Cryopreservation Lab
4 weeks in FA Embryo Transfer	4 weeks in FA Embryo Transfer
2 weeks Vacation	2 weeks Vacation
2 weeks Manuscript Writing/Teaching Preparation	2 weeks Manuscript Writing/Teaching Preparation
2 weeks ACT board preparation	2 weeks ACT board preparation
1 week Orientation	

After-hours and emergency expectations during weeks on Theriogenology

- The Theriogenology resident will assist in emergencies on weekends and holidays.
- The above represents a description of the 52 weeks per year of training for a resident not pursuing a concurrent graduate program as an additional year may be applicable.

Seminar/Rounds Requirements

Rounds type	Frequency	Day/Time	Commitment
HO Seminar/Case Presentation	Weekly	Thursdays @ 8am	Required
Theriogenology Topic Rounds	1-2x weekly	TBD	Required
Theriogenology Journal Club	Weekly	Fridays @ 8am	Required
Student Theriogenology Journal Club	Weekly	Tuesdays @ 8am	Required
VDPAM Clinical Group Meeting	Bi-monthly	2 nd & 4 th Fridays @ 7am	Optional
VDPAM Morbidity & Mortality Rounds	Monthly	1 st Friday @ 7am	Optional
LVMC Morbidity & Mortality Rounds	Monthly	2 nd Tuesday @8am	Optional

Scholarship and Teaching Requirements

- Teaching and presentation requirements
 - The resident will participate in the instruction of clinical students. Participation in CVM student laboratories will be assigned. In addition, didactic teaching will be assigned to the resident.
- Continuing Education
 - The resident is encouraged to attend and participate in continuing education meetings sponsored by the CVM or by local, regional, or national veterinary organizations.

- A minimum of 30 hours Continuing Education (CE) pertaining to the field of Theriogenology must be completed during the training program and within two years immediately prior to taking the certifying examination.
- Research requirements
 - The resident is expected to participate in ongoing clinical research. The faculty may have projects the resident can be a part of, or if they wish, can formulate and pursue their own project.

Other program specifics that differ from ISU-CVM “House Officer Programs: General Information”

- **Residency Summary**

- In accordance with ACT guidelines (GIG 2024), this residency program will consist of at least 2 years (104 weeks) of supervised training and clinical experience in the discipline of Theriogenology and its supporting disciplines under the direct supervision of at least one (1) ACT Diplomate or Diplomate of the European College of Animal Reproduction (ECAR) or a Fellow of the Australian and New Zealand College of Veterinary Scientists (ANZCVS, Animal Reproduction) who participates actively in that program; at least 8 weeks of that training must be under a different Diplomate of the ACT, ECAR, or Fellow of the ANZCVS (Animal Reproduction). During the 104-week program at least 60 weeks must be spent providing theriogenology clinical service under the direction of a Diplomate of the ACT or ECAR or Fellow of the ANZCVS (Animal Reproduction). During the 104-week program, at least 12 weeks should be devoted to activities outside of clinical duty, which may include research, manuscript preparation, teaching, graduate studies, continuing education, special rotations, or exam preparation.
- As part of the residency program and board certification, the resident will additionally be responsible for completing one (1) accepted or published peer-reviewed manuscript in a topic related to Theriogenology as first author. Publications may be original research, clinical case report, or an in-depth review article. Abstracts are not acceptable to fulfill this requirement.
- Residents will additionally be expected to submit a self-assessment of relevant clinical activities and acquired clinical skills to the American College of Theriogenology. Residents will additionally be responsible for completing a log of Theriogenology cases for the duration of the training program (log available on ACT website) that must be signed by the resident coordinator for consideration of board candidacy.
- Dr. Theresa Beachler, DVM, PhD, DACT will serve as the Program Director.
- Applicants for the residency will be required to have completed either a 12-month internship and/or a minimum of 1 years of clinical practice experience prior to the start of the residency.
- Evaluation of the resident will be performed at a minimum every 6 months by the Resident Advisor. Quarterly evaluations strongly recommended for the duration of the residency program.
- Completion of a master’s degree or PhD concurrent to the residency training are optional to allow further experience in clinical and basic sciences research, however, this may involve increasing the length of the residency training program (3 years total).
- The resident is expected to participate in all aspects of case management including receiving, examination, diagnosing, daily case management, client communication, discharging, and follow-up communication.

- Residents are also expected to rotate through emergency on-call duty and emergency case management on a rotating basis with Food Animal, Small Animal, and Equine Theriogenology clinicians. During emergency duty, the resident will have a scheduled faculty member as a back-up to provide consultation and physical assistance as needed.
- The resident will primarily be on clinical duty within the Iowa State University Teaching Hospital, however, rotations within the Food Animal Field Services unit will be highly encouraged. These rotations will be scheduled in coordination with the faculty on these services.

External rotations

- Outside rotations are not required of this program, but will be considered if desired by the resident and under guidance of a DACT. All finances in support of an outside rotation will be the responsibility of the resident. Residents are encouraged to apply for funding if a suitable outside rotation is identified.