

Seminars in Anesthesia and Analgesia

VME6651 Class 29035

Class Periods: Mondays, 7:15-9:00 a.m.

Location: Hybrid - Zoom and/or SAH 343

Academic Term: Fall 2023

Instructors:

Name: Dr. Alanna (Lane) Johnson (Course Coordinator) – Clinical Assistant Professor

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Name: Dr. Marta Romano – Clinical Associate Professor

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Name: Dr. Sarah Shippy – Clinical Assistant Professor

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Name: Dr. Enzo Vettorato – Clinical Associate Professor

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Course Description

Weekly seminar series on topics in veterinary anesthesia and pain management, guided by core anesthesia textbook readings, with discussions by veterinary anesthesia specialists and residents.

Course Pre-Requisites / Co-Requisites

Open to all UF graduate students and residents

Course Objectives

- Students will be familiar with relevant anesthesia equipment and the troubleshooting of issues with this equipment.
- Students will have an understanding of pharmacokinetics, pharmacodynamics, and physical properties of anesthetic agents used in various veterinary species.
- Students will examine and be able to discuss the physiology, case management, and potential complications associated with various veterinary species under anesthesia.

Recommended Materials

- Lumb & Jones Veterinary Anesthesia and Analgesia
Grimm et al.
2015, 5th Edition
ISBN number: 978-1118526231

- Stoelting's Pharmacology and Physiology in Anesthetic Practice
Urman et al.
2021, 6th Edition
ISBN number: 978-1975126896
- Fluid, Electrolyte, and Acid-Base Disorders in Small Animal Practice
DiBartola
2011, 4th Edition
ISBN number: 978-1437706543

Course Schedule

Date	Topic	Presenter
August 28, 2023	Open Heart Program - Initial Review	Johnson, Koehler
September 4, 2023	HOLIDAY: Labor Day – No lecture	N/A
September 11, 2023	Patients with Renal Disease (Reading: Lumb&Jones Chapter 32)	De Gennaro
September 18, 2023	GI Physiology, Anti-Emetics, and Pro-Kinetics (Reading: Stoelting Ch 32, 34, 35)	Vettorato
September 25, 2023	Anesthesia Faculty and Residents Meeting (8:00 a.m.) – No lecture	Romano
October 2, 2023	Patients with Endocrine and GI Disease (Reading: Lumb&Jones Ch 31, Stoelting Ch 37, Dibartola Ch 18, 20)	Shippy
October 9, 2023	Maternal, fetal, and newborn physiology, neonatal/pediatric anesthesia (Reading: Lumb&Jones Ch 53, Stoelting Ch 44, 45)	Johnson
October 16, 2023	Anesthesia Service Meeting (8:00 a.m.) – No lecture	Romano
October 23, 2023	Anesthesia for Pregnancy, Dystocia, and C Section (Reading: Lumb&Jones Ch 34)	Vettorato
October 30, 2023	Target-Controlled Infusions (Reading: Lumb&Jones Ch 7)	Portela
November 6, 2023	Anesthesia of Horses (Reading: Lumb&Jones Ch 37 and 46, +/- selections from Muir)	Chiavaccini
November 13, 2023	Anesthesia of Domestic Ruminants: Bovine, Caprine, and Ovine Anesthesia (Reading: Lumb&Jones Ch 38 and 49)	Pablo
November 20, 2023	Mechanical Ventilation	Downs
November 27, 2023	Regional Anesthesia of Large Animals (Reading: Lumb&Jones Ch 48 and 51)	Chiavaccini

December 4, 2023	Anesthesia Faculty and Residents Meeting (8:00 a.m.) – No lecture	Romano
December 11, 2023	Anesthesia of Pigs and Camelids (Reading: Lumb&Jones Ch 38 and 50)	Johnson
December 18, 2023	Semester Examination	Johnson

Attendance Policy, Class Expectations, and Make-Up Policy

Virtual (Zoom) or in-person attendance is required for each lecture. If a student will be absent, please contact Dr. Johnson ahead of time to make arrangements (if possible). If there is a conflict with the final exam, please contact Dr. Johnson as soon as possible to schedule a make-up date, otherwise the grade for the exam will be zero. Cell phones and laptops are permitted, and the final exam may be taken remotely, however, students are expected to take the exam without outside assistance.

Excused absences must be consistent with university policies in the [Graduate Catalog](#) and require appropriate documentation. Additional information can be found in [Attendance Policies](#).

Evaluation of Grades

<i>Assignment</i>	<i>Total Points</i>	<i>Percentage of Final Grade</i>
Attendance	300	79%
Final Exam	80	21%
Total	380	100%

Grading Policy

<i>Percent</i>	<i>Grade</i>	<i>Grade Points</i>
90.0 - 100.0	A	4.00
87.0 - 89.9	A-	3.67
84.0 - 86.9	B+	3.33
81.0 - 83.9	B	3.00
78.0 - 80.9	B-	2.67
75.0 - 79.9	C+	2.33
72.0 - 74.9	C	2.00
69.0 - 71.9	C-	1.67
66.0 - 68.9	D+	1.33
63.0 - 65.9	D	1.00
60.0 - 62.9	D-	0.67
0 - 59.9	E	0.00

More information on UF grading policy may be found at:

[UF Graduate Catalog](#)
[Grades and Grading Policies](#)

Students Requiring Accommodations

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the [Disability Resource Center](#). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Course Evaluation

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. [Click here for guidance on how to give feedback in a professional and respectful manner](#). Students will be notified when the evaluation period opens, and can complete

evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via ufl.bluera.com/ufl/. [Summaries of course evaluation results are available to students here.](#)

University Honesty Policy

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." [The Honor Code](#) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Software Use

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Student Privacy

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see the [Notification to Students of FERPA Rights](#).

Campus Resources:

Health and Wellness

U Matter, We Care:

If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575 so that a team member can reach out to the student.

Counseling and Wellness Center: counseling.ufl.edu/cwc, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS)

Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or police.ufl.edu.

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling.

Library Support, Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints Campus

On-Line Students Complaints