

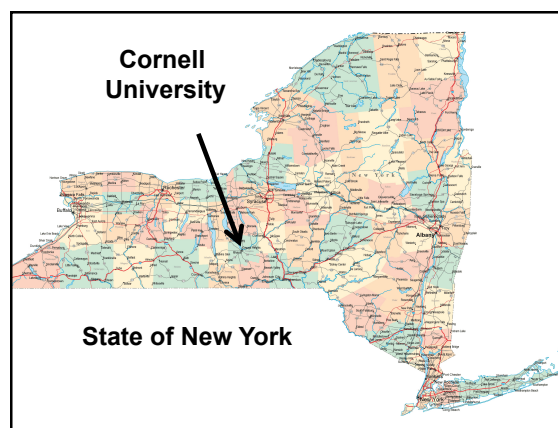
Animal Science/Dairy Science 434

Reproductive Physiology

Introduction and Course Structure

Fall 2015

Dr. John J Parrish



Male Reproduction (>30 years)

- Semen evaluation
- Fertility Prediction
- In vitro fertilization
- Sperm capacitation
- Image analysis of sperm

Species of Males

- Large Animal
 - » Bull, stallion, ram, boar, water buffalo, human
- Small Animal
 - » Dog, rabbit, mouse, hamster, guinea pig
- Avian
 - » Rooster, turkey

Special 2015 Information

- Lectures – Podcast only
» [discipline](#)
- Discussions – done asynchronously on-line?
- Dr. Parrish is available in person during lab or via email.
- We contact you via email and Learn@UW news section.

Instructors

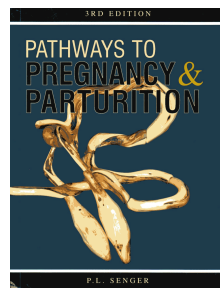
- John J. Parrish (Professor)
» Responsible for entire course
- Rick Monson (Project Manager)
» Coordinator for sections 301 and 302.
- Megan Krautkramer (Graduate Student)
» Coordinators for sections 303

[Contact information in Course Website](#)

Laboratories

- Labs (sections 301-303)
» Planned for 2 hr
» may last 2.5 hr so plan ahead
- Lab involves work with tissue and animals.
» Bring appropriate cloths

Text (Required)



- Pathways to Pregnancy and Parturition – **Third Edition**
» P.L. Senger
- UW Bookstore, Amazon
- Library (not on reserve)
- **Read assigned chapters before viewing lecture material!!!**

Only this edition is guaranteed to be sufficient for exams!

Learn@UW and Course Websites

Learn@UW



Course Web Site
(ANSCI Server)

- Submit and view assignments
- Group enrollement
- Answer keys

- Syllabus
- Lecture
- Handouts
- Lab

Learn@UW

Course Website
http://www.ansci.wisc.edu/jjp1/ansci_repro/index.html

What is in the class website?

- Can also be reached through Learn@UW
 - News section
- Syllabus
 - Schedule (lecture, labs, exams)
 - Grading
- Lecture
 - Outlines, Handouts,
- Powerpoint/Podcasts
- Labs
- Project Information
- Quizzes (practice)

434 Web Site Modifications

- Updates may occur daily.
- Most updates are minor. If a major change is made you will be notified via email.
- You may need to dump the [cache or history](#) in your web browser to see the most current pages.
- Podcasts from 2013, 2014 or 2015.

Lecture Material

- Lecture in course website Nav Bar
 - » Outlines
 - » Powerpoint
 - ppt file
 - PDF slide handout (6 slides/page)
 - » Podcast (QuickTime, Kaltura)
 - Download, Use QuickTime player
 - Streaming video - Kaltura
 - » Video/animations
 - » [View the week's lectures before lab!!!!](#)

Study Time and Difficulty

- Lecture
 - » 2 hours study time for each 1 hour of lecture
- Lab
 - » 1 hour study time for each hour of lab
- Course difficulty
 - » Dairy and Animal Science Students
 - One of the most difficult in your majors
 - » Biology majors
 - Similar to other science classes

Grading

See Syllabus!

Overall Philosophy

- Course is organized to educate you.
 - » Learning goals and outcomes
 - » Lecture and Lab are linked.
 - » A variety of learning approaches are used.
- The course is intended to challenge you and you must work to succeed.
- Get your money's worth; extrapolate and integrate. This is how you succeed!
- Memorization does not lead to success in life!