

Name and Area of Specialization

Sam Prien, PhD
Reproductive Physiology

In 250 words or less explain the nature of your research

I work in the area of improving assisted reproductive procedures (IUI, IVF, cryopreservation, embryo transfer). Most of the work done is designed to immediately improve these procedures in humans and animals. We work with cattle, horses, sheep and pigs as well as laboratory mice and humans.

Do you accept undergraduates into you lab for research

Yes No

Are you currently accepting undergraduates into your lab

Yes No

Do you offer pay to undergraduate researchers

Yes No Depends (Explain: Paid if part of a program such as Honors Scholars, most students are unpaid volunteers)

What is the undergraduate’s role?

Part of a team Work independently Both

Other (Explain: In general, undergraduates start out as part of group projects. However, as they progress in their experience, many are assign their own project)

How many hours/wk do you expect student to be in lab

To have a meaningful research experience, undergraduates must committee to a minimum of 5 hrs per week which might include working on weekends

In 250 words or less, what are your expectations for an undergraduate researcher:

I look for individuals who are looking for the experience of research and are not just looking to put a check in a vet, med or grad school application form. While I do not recruit for GPA I expect undergraduate researchers to keep their grades up while in lab. I also look for individuals who can fit with the rest of the people in my program. Finally, everyone working as an undergraduate in my lab is

expected to present their results at both the TTU Undergraduate research conference and the AFS Bob Albin Competition

Will Students be included in presentations and/or publication if they meet expectations?

Yes

No

Do you have any course prerequisites before students are accepted in your lab?

Either ANSC 2306 or ANSC 3401

How do you prefer for students to contact you to inquire about working in your lab?

By e-mail at Samuel.prien@ttuhsc.edu . Students should also be prepared to interview with existing lab group.