PREDICTORAL POSITION
IN PLANT MOLECULAR NEMATOLOGY

Announcement:
A PhD position is available in the DiGennaro lab studying the molecular basis of plant-nematode interactions. We utilize genetic, genomic and biochemical tools to elucidate the mechanisms underlying nematode parasitism and host responses.

Some of our projects involve:
- Mapping the plant peptide “receptome”; peptide and plant development analyses
- The role(s) of plant diurnal/circadian rhythms on nematode parasitism
- Histology/morphometrics of nematode feeding sites
- Similarities between plant-parasitic and beneficial rhizobium-plant interaction pathways

We are looking for a highly motivated candidate to join our lab and utilize the powerful genetic model systems of *Meloidogyne hapla, Arabidopsis* and *Medicago truncatula* to discover novel avenues for stable control strategies. Applicants should be well versed in molecular biology tools and have strong interest in plant and/or nematode biology.

The position provides funding for tuition, health insurance and a competitive stipend for up to four years. Please send applications to Peter DiGennaro (pdigennaro@ufl.edu).

University of Florida/IFAS is an Equal Opportunity Institution.

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University of Florida Graduate School Admission Requirements

- Four-year baccalaureate degree (or its equivalent) from an accredited university, GPA of 3.0
- Official scores from the Graduate Record Exam (GRE)
- For international students, official scores from TOEFL (iBT or PBT only) or IELTS
- Three letters of recommendation
- Statement of purpose indicating previous training and experience, interests, and educational and career goals as a nematologist.

Contact

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