A CAMPUS-WIDE INITIATIVE

Dr. Craig K. Svensson
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Pathway to Drug Discovery

- Target discovery
- Identify drug candidates
- Pre-clinical Safety/Efficacy
- Clinical trials (animals)
- Clinical trials (people)

Animal health
Human health
Several colleges share in the Discovery

Target Discovery

Drug Design/Delivery

Detection
Senior candidates
• Created list of top-30 prospective hires from prestigious academia and industry
• Interviews expected in March and April
• Pursuing top candidates aggressively

Junior candidates
• Six candidates out of 103 applicants; all interviewing this month
• Faster searches; hope to foster community and mentorship for new hires
• Expected to enrich the environment and increase the attractiveness of Purdue for Drug Discovery candidates

College-based investments related to Drug Discovery
We are recruiting five for Pharmacy, two for Biology/Science, one for Veterinary Medicine
DRUG DISCOVERY
ENTREPRENEURIAL ACTIVITY

(Pharmacy)
Diagnostics and treatments for cancer patients

(Pharmacy)
Layered and multiple dosage forms

Animated Dynamics (Science)
Live-tissue imaging platform technologies

(Science)
Ovarian cancer chemotherapy

(Vet Med and Biomedical Engineering)
Multiple sclerosis therapy