


Cornell University

PLBRG 4050 (Crosslisted as IARD 4050)

Invention and Technology Commercialization: Intellectual Property Management for Scientists, Engineers, and Entrepreneurs

Credits: 3

 Tuesdays and Thursdays, 1.25 pm to 2.40 pm, 9 weeks, August 2017- October 2017

Enrollment limited to seniors and graduate students.

Faculty instructors: R. S. Cahoon, A. F. Krattiger, Vijay. K. Vijayaraghavan

Course Topics:

Innovation management through invention assessment, intellectual property (IP) management (patents, copyright, trademarks, plant variety protection); technology valuation, transfer, and commercialization; bioproperty, biodiversity, bioprospecting, and genetic resources; technology contracts (material transfer, NDA, licensing). Emphasizes invention management, and new technology commercialization through transfer and licensing; includes international aspects. The course is particularly relevant to students interested in technology-based business development, and business-based technology/IP management, technology transfer and commercialization, entrepreneurship, international agriculture, and intellectual property law.

Expected Outcome:

Gain knowledge to create and manage intellectual and bioproperty assets, and understand their impact through technology transfer and commercialization; learn how to evaluate inventions and their related property assets and understand the process of their transfer between technology creators and implementors; gain exposure to global trends in technology transfer including the negotiation and transaction process.

Course Requirements

In addition to lectures by faculty, students will be assigned papers which will be discussed in Group Discussions. All students are expected to participate in the Group Discussions and each student will lead at least one Group Discussion during the course. Early in the course, each student will select a research topic as a class project. The student will submit a final written paper and make a presentation on the subject at the end of the course.