



# Transferring UCLA discoveries to the public.

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# UCLA Research: A Winning Environment

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- \$811M+ in research awards for FY2006
- 3,300 Faculty; 200 Graduate Programs; 11 Professional Schools; 25,700 Undergraduate / 12,800 Graduate students
- #3 in US – 2006 ranking for academic annual R&D expenditures
- 5,500+ ongoing research projects
- Comprehensive campus
- “Best Hospital in the West” 17th consecutive year (US News)

# Technology Transfer Mission is to support UCLA's research, education and public service mission by:

- Educating the academic community about appropriate methods for protecting intellectual property
- Accelerating the development of UCLA discoveries for the public good
- Promoting economic growth in California
- Facilitating collaborations with industry for next-generation scientific breakthroughs.



# UCLA Statistics

- ❑ 1401 Active Inventions
- ❑ 358 Active Licenses/Options
- ❑ 20 equity holdings in start up companies
- ❑ 150 start ups formed around UCLA IP
- ❑ 291 patents filed in FY07
- ❑ 78 Licenses/Options issued in FY07
- ❑ \$20 Million Licensing Income in FY07

# Successful UCLA Products

- Nicotine Patch
- GDC Coil
- Clot Retriever Coil
- Blood Cooling Device
- Protein Imaging Software
- Pomegranate Extract
- Inflammatory Bowel Disease Diagnostic
- Micro Pet
- Gleevac Resistance Test

# UCLA Biotech Pipeline

<b>Company</b>	<b>Phase</b>	<b>Indication</b>
Company 1	FDA Approved	Physician's Office Asthma Monitor
Diamyd	Phase III	Diabetes Therapy
Pipex	Phase II/III	CNS Therapy
Aeras	Phase II	TB Vaccine
Bruin Pharma	Phase II	Lipid Lowering Therapy
Agensys	Phase IIb	Oncology
Adolor	Phase IIa	Pain Management
Armagen	Phase I/II	Stroke Therapy
Medivation	Phase I/II	Prostate Cancer
Bone Biologics	Pre-clinical	Bone Regeneration
New Co 1&2	Pre-clinical	Oncology
New Co 3	Pre-clinical	Cardiovascular

# Key Features of UC Licenses

- ❑ UPFRONT FEE (CASH OR CASH AND EQUITY)
- ❑ LICENSE MAINTENANCE FEES
- ❑ ROYALTY RATE
- ❑ MINIMUM ANNUAL ROYALTIES
- ❑ MILESTONE PAYMENTS
- ❑ PATENT REIMBURSEMENT
- ❑ DILIGENCE TIMELINE

# UC Patent Policy

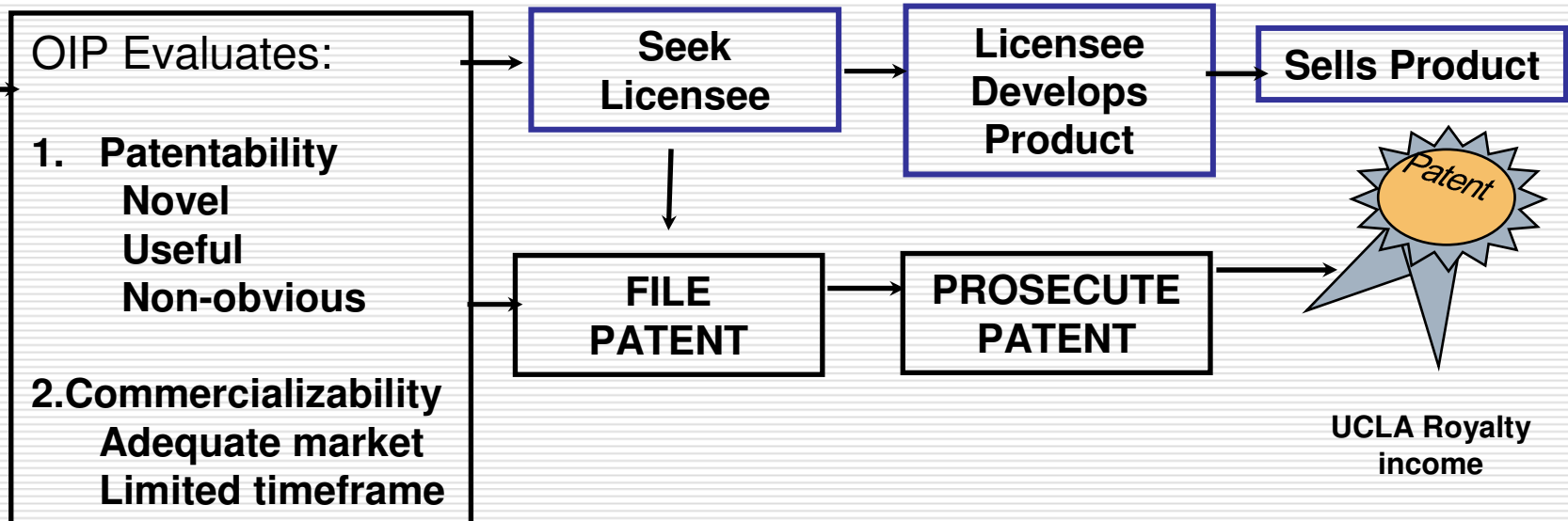
After expenses (legal fees, patent costs), revenue is shared:

- 35% to inventors
- 15% to department/laboratory
- 12.5% to General Fund
- Remainder used to pay office expenses and distributed to campus





# University Technology Transfer Process for Patents

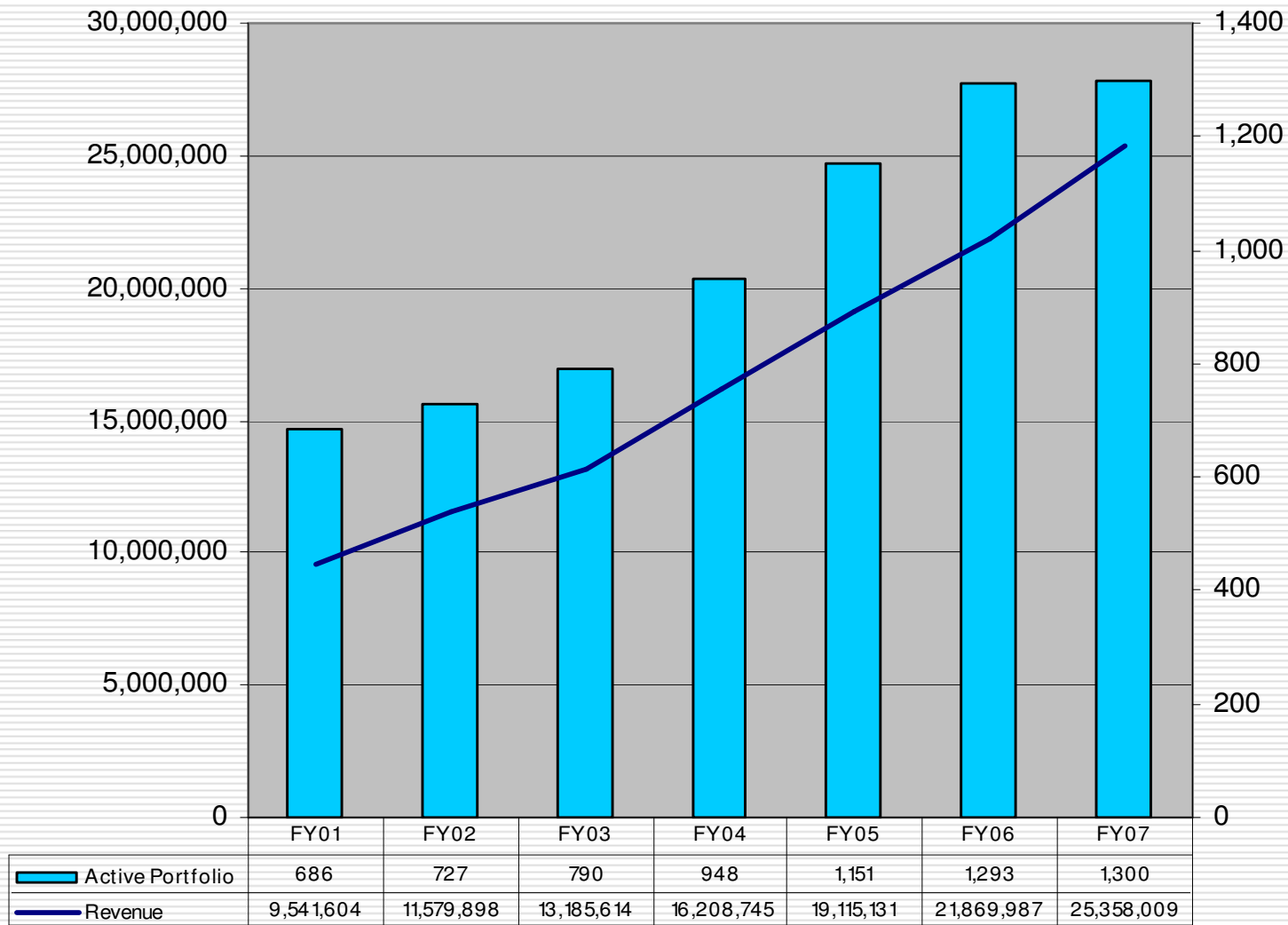


## How do you judge the educational contribution of Technology Commercialization to UCLA?

	FY04	FY05	FY06
<b>New Inventors to educate</b>	<b>191</b>	<b>221</b>	<b>183</b>
<b>New Invention Disclosures to manage</b>	<b>186</b>	<b>291</b>	<b>264</b>
<b>Inventions Licensed</b>	<b>197</b>	<b>261</b>	<b>307</b>



# What is the Scope of UCLA's Technology Transfer?



# A Case Study: Aneurism Treatment

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**1990:** Prof. Guglielmi, Vinuela, and team disclose minimally invasive treatment designed to place a micro-coil inside an aneurysm to prevent rupture.

**1995:** FDA approval

**To-date:** over 400K coils placed in hemorrhagic stroke victims worldwide

**2004:** Matrix Detachable Coil, and research goes on.....

# UCLA supports industry's mission as a land grant institution:

- Graduate well-trained workforce
- Industry support research at UCLA on their topic
- Visiting Scientist Agreements
- Equipment agreements for shared research
- Student Internships in company labs



# Reflections on University-Industry Collaboration

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- Faculty need to practice the full range of research – bench (or book) to public
- Collaboration facilitates faculty's desire to see fruits of their research
- Partner with industry to create new products for public use
- Prepare students to launch new companies
- Find great opportunities for new graduates

U C L A  
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& Industry Sponsored  
Research



**Thank you, and How can we help  
you?**

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