

# **FY 2010-2011 CU Technology Transfer Performance Metrics**



University of Colorado  
TECHNOLOGY TRANSFER OFFICE

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# Dashboard Look at FY 2010-2011

- ↑ Invention disclosures [maintained high level and continued strong relationships with faculty inventors]
- ↑ US patent applications [solid year for both the TTO speculative patent filings and patent filings supported by licensee companies]
- Exclusive licensing transactions [respectable year overall with pick-up during second half of year]
- ↓ Nonexclusive licensing transactions [securing technologies that produce multiple non-licenses still eluding us]
- ↑ Start-ups [slightly up; higher count than any preceding year]
- ↑ POC program [State BDEG program fully subscribed with high quality projects]
- Overall revenue [significantly improved from previous year]
- ↓ Equity liquidations [one significant acquisition, considerable pent-up demand]
- ↑ Speculative patent expenses [a minimally increased budget was well managed and we received reasonable rates from IP law firms for quality work]

# Dashboard Look at FY 2010-2011

- ↑ Patent reimbursements [a significant improvement over the previous year; approaching historical reimbursement percentages]
- ↓ Start-up and early-stage licensee financings [better than previous year; difficult early-stage market conditions continue]
- ↑ Steady maturation of the licensing portfolio [products based on CU IP are maturing and a few significant revenue opportunities should be entering the market during the FY 2011-2012]
- ↑ Support from the business community [Colorado's technology centric entrepreneurial ecosystem is fantastic]
- ↑ Support from the CU Administration [continually integrating technology transfer into the research enterprise]
- ↑ TTO staff [excellent recent addition, strong team with high morale]



Net, TTO had a good year

# CU Technology Transfer Over the Past Seven Years

Fiscal Year	04-5	05-6	06-7	07-8	08-9	09-10	<b>10-11</b>
Invention disclosures	177	198	254	235	258	232	<b>250</b>
U.S. patent apps filed	139	125	156	193	206	254	<b>253</b>
Total options/licenses	59	57	75	58	59	57	<b>46</b>
Exclusive options/licenses	22	36	38	44	48	40	<b>37</b>
License revenue in \$MM*	21.7	20.6	22.7	6.1	4.4	2.4	<b>3.9</b>
Start-up companies	9	10	10	11	11	9	<b>11</b>

\*Does not include revenue derived from legal settlements which in FY03-4 amounted to \$28.1M, in FY04-5 \$6.7M, in FY05-6 \$.7M, and in FY06-07 \$1.3M.

# Companies Created in FY 2010-2011 Based on CU Intellectual Property

Company	Campus	Technology
BioSIPs	UCB/ UCD	Environmentally-friendly structural insulated panels for building construction
Clarimedix	UCB	Non-invasive optical device for treating Alzheimer's disease and other conditions
Claro Scientific	AMC	Tox screen for detecting illegal drugs in urine
Clean Urban Energy	UCB	Software for efficient energy management in large buildings
Colorado Cancer Therapeutics	AMC	Novel anti-cancer compounds
Mosaic Biosciences	UCB	Degradable hydrogel for wound care and tissue repair
OnKure	UCB	Novel HDAC inhibitor for treating cancer
ProtechSure	AMC	Sunscreen with anti-cancer properties
Red Wave Energy	UCB	Electron tunneling devices for solar energy conversion and other applications
Shape Tech	AMC/ UCB	Shape memory polymer devices for treating ophthalmic conditions
Suvica	UCB	Screen for novel cancer drug candidates

# Start-up Company Sustainability and Capital Raised

- In the last eight years, 80 companies have been formed based on CU intellectual property.
- Of these 80 companies, 65 are operational as either stand alone or subsidiary/merged companies.
- CU IP has been relicensed from 9 of 15 discontinued companies.
- 58 of the 65 continuing companies have operations in Colorado.
- 19 of the of the 65 have received seed investment from TTO's convertible debt program.
- In the past eight years, companies started from CU IP (including pre-2003) have raised ~\$4.5B in capital from federal and state grants, TTO, angel, venture capital, acquisition and IPO sources.

# CU IP and Licensing Portfolio at a Glance (as of 07/01/2011)

- Total U.S. Patents in force : 331
- Total U.S. Patents in prosecution: 342
- Exclusive Licenses in good standing: 165
- Non-Exclusive Licenses in good standing: 204
- Bio Licenses in good standing: 165
- Non-Bio Licenses in good standing: 204