

OFFICE OF PERFORMANCE MANAGEMENT & OVERSIGHT

FISCAL 2012 ANNUAL REPORT

The Office of Performance Management & Oversight (OPMO) measures the performance of all public and quasi-public entities engaged in economic development. All agencies are required to submit an Annual Report. The annual reports of each agency will be published on the official website of the Commonwealth, and be electronically submitted to the clerks of the senate and house of representatives, the chairs of the house and senate committees on ways and means and the house and senate chairs of the joint committee on economic development and emerging technologies.

1) AGENCY INFORMATION

Agency Name	Massachusetts Technology Transfer Center		
Agency Head	Abigail Barrow	Title	Director
Website	www.mattcenter.org		
Address	UMass President's Office, 225 Franklin Street, 12 th Floor, Boston, MA 02110		

2) MISSION STATEMENT

Please include the Mission Statement for your organization below.

MTTC Mission:

To support technology transfer officers, academic researchers, and industry executives in the transfer and commercialization of new technologies.

To facilitate and accelerate technology transfer between research institutions and companies within the Commonwealth.

To assist in the growth of Massachusetts companies, including startups, by increasing their use of new research.

To promote collaboration between research institutions and Massachusetts industry.

To support regional and statewide economic development priorities.

3) OPERATIONS AND ACCOMPLISHMENT DETAILS

Please provide details on the agency's operations and accomplishments for Fiscal Year 2012 as

Attachment A. Questions 5 through 10 will provide guidance on the type of information required under Chapter 240 of the Acts of 2010.

4) ACCOUNTING

Please provide financial information for your agency. Below please give a summary of *Receipts and Expenditures* during the fiscal year, and include the *Assets and Liabilities* at the end of the fiscal year. Please include the most recent audited financial report for the agency as **Attachment B**.

The audited financial report is part of the University of Massachusetts general audit.

	AMOUNT
Contributions from Conferences	\$55,500.00
Operations funding from MCEC-Grant Management	\$90,000.00
Payroll & office expenses	\$350,000.00
Funded by remainder of 2005 Economic Stimulus Bill & UMass	\$204,500.000

5) INVESTMENTS OR GRANTS TO BUSINESSES OR INDIVIDUALS

Does your agency make **investments** and/or provide **grants** to businesses or individuals? Yes No

If **Yes**, please provide detailed information on investments and/or grants made during FY12 in the Operations and Accomplishments Section of this report. Information should include the number, nature and amounts of investments made and grants awarded by your agency along with job, investment and/or other economic development impact. Please list the name(s) of the investment and/or grant programs offered by your agency in the space provided below:

List of 10 recipients of MCEC Catalyst Award FY 2012 - \$40,000.00 each

Northeastern University, Professor Lee-Parsons

Tufts University, Professor Panzer

UMass Dartmouth, Professor Chalivendra

Ballistic Breakers Company, Roger Faulkner

Thermeleon, Robbie Barbero

Western New England University, Professor Lee (only \$10,000.00 awarded)

Worcester Polytechnic Institute, Professor Yang

CS Bio, Inc. , Depak Dugar
Enlivity Corp. , Gillian Isabelle
Boston University, Professor Mazumder

6) DEBT OR EQUITY INVESTMENT DETAILS

Is your agency involved in **debt** or **equity investments** for businesses? Yes No
If **Yes**, please provide detailed information on debt and/or equity investments made during FY12 in the Operations and Accomplishments Section of this report along with job, investment and/or other economic development impact. Please list the name(s) of the debit and/or equity investments programs offered by your agency in the space provided below:

[Please enter the debt or equity investment details here.]

7) LOAN DETAILS

Is your agency involved in **real estate loans, working capital loans, or any other type of loan or guarantee**? Yes No
If **Yes**, please provide detailed information on loan(s) and/or guarantee(s) made during FY12 in the Operations and Accomplishments Section of this report along with job, investment and/or other economic development impact. Please list the types of loan(s) and/or guarantee(s) offered by your agency in the space provided below:

[Please enter the loan details here.]

8) OTHER FORMS OF FINANCING OR FINANCIAL ASSISTANCE?

If your agency provides any other form of financing or financial assistance please include FY12 details in the Operations and Accomplishments Section of this report along with job, investment and/or other economic development impact. Please list the types of other forms of financing offered by your agency in the space provided below:

None

9) PATENTS OR PRODUCTS

Does your agency track **patents** or **products** resulting from agency-funded activities? Yes No
If **Yes**, please include details in the Operations and Accomplishments Section of this report along with

job, investment and/or other economic development impact. Please list the agency-funded activities of your agency that promote patent and product advancement in the space provided below:

N/A

10) TECHNICAL ASSISTANCE

If your agency provides technical assistance, please provide detailed information on technical assistance provided during FY12 in the Operations and Accomplishments Section of this report along with job, investment and/or other economic development impact. Please list the name(s) of the technical assistance programs offered by your agency in the space provided below:

Platform Program – Enable entrepreneurs to present business plans to “dream team” of successful investors and consultants who then provide feedback. Please see attached list of fy 2012 Platforms

Technology Conferences – Showcase technologies and bring them to the attention of potential collaborators and investors. Conference themes have included life sciences, clean tech, nanotech, sensors and robotics. Please see attached list of fy 2012 Conference presenters and exhibitors

Grants – Massachusetts Clean Energy Catalyst Awards. Please see attached list of recipients

PLEASE NOTE:

THE FISCAL YEAR 2013 ANNUAL REPORT WILL REQUIRE DETAILS OF ABOVE MENTIONED CATEGORIES AS WELL AS PERFORMANCE TO PLAN AS OUTLINED IN YOUR AGENCY’S FISCAL 2013 BUSINESS PLAN. THE OFFICE OF PERFORMANCE MANAGEMENT AND OVERSIGHT WILL ANNUALLY RE-EVALUATE THE GOALS AND MEASURES ESTABLISHED BY THE AGENCIES. THE OFFICE WILL RECOMMEND CHANGES TO GOALS AND MEASURES AS ARE APPROPRIATE TO ALIGN WITH THE STATEWIDE ECONOMIC DEVELOPMENT POLICY AND PLAN.

FILING INSTRUCTIONS:

THE FISCAL YEAR 2012 REPORT IS DUE NO LATER THAN MONDAY, OCTOBER 1ST. AN ELECTRONIC COPY OF THE REPORT AND ATTACHMENTS A & B SHOULD BE E-MAILED TO ROB.ANDERSON@STATE.MA.US. THE OFFICE OF PERFORMANCE MANAGEMENT AND OVERSIGHT WILL REVIEW REPORTS PRIOR TO FILING WITH LEGISLATURE AND POSTING TO THE WEBSITE.

	Event	Name	Company	Affiliated institution
1	ESLS 8	Gil Blander. CEO	Segterra	MIT, Harvard, Tufts
2	ESLS 8	George Kenney	Slband, LLC	Children's Hospital Boston
3	ESLS 8	James Coon, President and CEO	BioDais, Inc.	Harvard University
4	ESLS 8	Alexander B. Sigalov President and Founder	SignaBlok, Inc.	Tufts Medical Center Tufts University School of Medicine
5	ESLS 8	John Wyatt Prof. of Engineering, MIT	Visus Technology	MIT, Mass. Eye and Ear Infirmary, Harvard Medical School
6	ESLS 8	Usamah S. Kayyali	Frontiera Therapeutics	
7	ESLS 8	Marc Bazin	HepatoChem	Princeton University
8	ESLS 8	Stamatis N. Astra President & CEO	Photoral, Inc.	The Forsyth Institute
9	ESLS 8	Otto Prohaska CEO, Co-Founder	TransCytos, LLC.	Tufts University
10	ESLS 8	Eric B. Gordon	Atentiv, Inc.	
11	ESLS 8	James T Kurnick	CytoCure LLC	Massachusetts General Hospital
12	ESLS 8	Asanterabi, Malima CEO	NUChip	Northeastern University
13	ESLS 8	Edward I. Ginns, MD, PhD President and CEO	Targeted Cell Therapies, LLC	UMass Medical School
14	ESLS 8	Leo E. Otterbein, PhD Associate Professor	Viridis Bio	Beth Israel Deaconess Medical Center
15	ESLS 8	Glenn Gaudette, PhD Associate Professor of Biomedical Engineering	VitaThreads	Worcester Polytechnic Institute
16	ESLS 8	Farhad Imam President, CMO	Lumos Catheter Systems, Inc.	Children's Hospital Boston
17	ESLS 8	Alexey Wolfson	Advirma	UMass
18	ESLS 8	Andrew N. Makarovskiy Founder, President and CSO	Binotech Laboratories, Inc.	Tufts University???
19	ESLS 8	Frank Palmer CEO	ColdSteel Laser	Memorial Sloan-Kettering Cancer Center

20	ESLS 8	Ching Wu President	Excellims	Washington Univ grad
21	ESLS 8	Jerome L. Ackerman	Massachusetts General Hospital	
22	ESLS 8	Susan Brauhnut, Ph.D. Professor	Nanocanary Technologies	University of Massachusetts-Lowell
23	ESLS 8	John Cosmopoulos	Spordiff Therapeutics, Inc.	Tufts University, Texas A&M University
24	ESLS 8	Mark, Grier CSO/Founder	SyntheGenix Pharmaceuticals	
25	ESLS 8	Paul D. Kaufman, Professor	U. Mass Medical School	UMass
26	ESLS 8	Thomas Abert, Vice President	ZS Genetics, Inc.	
27	MALSID	Peter Kotal	ARKOconsult	
28	MALSID	Geoff Schmidt, President	ASK Diagnostics	
29	MALSID	David Kling, Prof	Boston College	
30	MALSID	Katrina Steiling	Boston University	
31	MALSID	Yongsong Huang, Prof	Brown University	
32	MALSID	Yupeng Chen, PostDoc Fellow	Brown U. & RI Hosp	
33	MALSID	Tarik Soliman	Extend Biosciences	
34	MALSID	Erik Handy	GVD Corporation	
35	MALSID	Vikramaditya Yadav	MIT	
36	MALSID	Jeff Morgan	Microtissues, Inc.	
37	MALSID	Sangram Parelkar	Plate Technologies,	
38	MALSID	Frederick Jones	Spordiff Therapeutics	
39	MALSID	Lambert Edelmann	Synubi Pharma	
40	MALSID	David Gallo	Viridis Bio	
41	MALSID	Glenn Gaudette	VitaThreads	
42	MALSID	Shazia Khan	MGH/Wellman Ctr.	
43	MALSID	Pam Weathers	WPI	
44	MALSID	Mark Cartwright	Wyss Institute	
45	MALSID	Geraldine Hamilton	Wyss Institute	

46	MALSID	Michael Super	Wyss Institute	
47	MALSID	Robert Valendi	Wyss Institute	
48	MALSID	Anna Watterhouse	Wyss Institute	
49	MALSID	David Zhang	Wyss Institute	
50	CCE 7	Peter Vandermeulen	7AC Technologies	
51	CCE 7	Adam Rein	Altaeros Energies	
52	CCE 7	Roger Faulkner	Ballistic Breaker Co.	
53	CCE 7	Pierce Schiller	BlackBoxBio	
54	CCE 7	Andrew Lane	Blue2Green LLC	
55	CCE 7	Dunwei Wang	BC	
56	CCE 7	Guerry Grune	CPS Biofuels	
57	CCE 7	Jason Ethier	Dynamo Cicropower	
58	CCE 7	Edison Almeida	3Curv, Inc.	
59	CCE 7	Timothy Havel	Energy Compression Inc.	
60	CCE 7	Bart Lipkins	FD Sonics	
61	CCE 7	Jason Gold	KGRA Energy Corp.	
62	CCE 7	Matthew Pearlson	Made in the Commonwealth	
63	CCE 7	Geidrius Svenconinis	Millennial Net	
64	CCE 7	Mike Striski	Renewable Energy Holdings, LLC	
65	CCE 7	Marco Ferrara	Solar Machines, Inc.	
66	CCE 7	Soren Harrison	SolSolutions	
67	CCE 7	Linda Hutchins	Syntha Corp	
68	CCE 7	Michael McGonigle	Teleos Solar	
69	CCE 7	Andrew Kessler	Turning Earth, LLC	
70	CCE 7	Christian von Stackelberg	Zigwitch	
71	CCE 7	Igor Zhadanovsky	Applied Engineering Consulting	
72	CCE 7	Michael Gevelber	Boston University	
73	CCE 7	Mike Brookman	BRASH Engines	
74	CCE 7	Anup Bhagat	Divya Energy	
75	CCE 7	Timothy Havel	Energy Compression	
76	CCE 7	Yiannis Levendis	Northeastern Univ.	

77	CCE 7	Apurav Jain	Solar Magic/UMASS Lowell	
79	CCE 7	Yong Kim	Umass Dartmouth	
80	CCE 7	John Rice	Umass Dartmouth	
81	CCE 7	Mengyan Shen	Umass Lowell	
82	CCE 7	Irving Weinberg	Weinberg Medical Physics, LLC	
	PLATFORM	PRESENTER	COMPANY	
83		Asanterabi Malima	NUChip/ ESLS conf	
84		Usamah Kayyali	Frontiera Therapeutics	
85		Piali De	Senscio Systems, Inc.	
86		Eyal Gerech	TeraBAT	
87		Andrew Makarovskiy	Binotech Laboratories	
88		Jason Ethier	Dynamo Micropower	
89		Eric Gordon	Atentiv, Inc.	
90		Yeshaya Koblick	Umass	
91		Stamatis Astra	Photoral	
92		Stu Shulman	Texifter	
93		Otto Prohaska	TransCytos	
94		Bernie Prusayczyk	Atlantic VIC	
95		John Hannon	Apollo Wind	
100		Farhad Imam	Children's Hospital	
101		Matthew Pearlson	Made in the Commonwealth	
102		Jeffrey Kapatoes	Immotions Medical, Inc.	
103		Eugene Giller	File2Part	
104		Michael Fahey	InfoBionic	
105		Dunwei Wang	BC	
106		Bart Lipkens	FD Sonics	
107		Michael Curley	Thermedical	
108		Chris Adams	Andarix Pharmaceuticals	
109		Sonia Divney	ZarzaTech	
110		Marcia Fournier	BIOARRAY	
111		Chandra Miller	BIOARRAY	

112		Igor Zhadanovsky	Applied Engineering Consulting	
	Additional Activities			
	Pre-BIO Cancer Cluster Meeting			
		Name	Company	
113		John Schwartz	AcuityBio	
114		Joel Berniac	Akrivis Technologies	
115		Marcia Fournier	Bioray Therapeutics	
116		Peter Leone	CanThera	
	Additional Companies given technical assistance			
117		John Straus	Zaeros	
118		Manuel Rivera	prep coaching	
119		Martha Burnbaum	former Platform presenter - assist with connections to elearning resources	
120		Aaron Ganick	Byetlight	BU spinoff
121		Wayne Thibaudeau	Surgical Tool Training Co.	Beth Israel
122		Paul Kaufman	marketing study for spin-off	Umass Medical
123		Neil Heffernan	grant applications	WPI
124		Iris Stamberger	Platform Coaching for late 2012	
	Coached finalists for 2012 Catalyst Awards			
125		Linda Hutchinson	Syntha	
126		Ravindra Dattrta	WPI	
127		Yan Wang	WPI	
128		Gillian Isabelle	Enlivity Corp	

129		M.K. Mazumder	BU	
130		Qichao Hu	Solid Energy Susters	
131		Mark Hodes	Tufts	
132		Thomas Vandervelde	Tufts	
133		Robbie Barbero	Thermeleon	
134		Rober Faulkner	Ballistic Breaker Corp	
135		Keneth Lee	Umass Lowell	
136		Deepak Dugar	C5Bio, Inc.	