

# OFFICE OF PERFORMANCE MANAGEMENT & OVERSIGHT

## FISCAL 2013 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, which includes all of the following information and demonstrates progress made against the Annual Plan submitted for the same year.

Based on review of Performance to 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 appropriate to align with the statewide economic development policy and plan.

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.

### Filing Instructions:

The Fiscal Year 2013 report is due no later than **Friday, November 1, 2013**. An electronic copy of the report and attachments A & B should be e-mailed to [Anne.Struthers@state.ma.us](mailto:Anne.Struthers@state.ma.us).

### 1) AGENCY INFORMATION

**Agency Name** Massachusetts Technology Transfer Center

**Agency Head** Abigail Barrow

**Title** Director

**Website** [www.MaTTCenter.org](http://www.MaTTCenter.org)

**Address** 225 Franklin Street, 12<sup>th</sup> 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) PERFORMANCE ON GOALS AND OBJECTIVES

Please provide details on the agency's progress and accomplishments for Fiscal Year 2013 as it relates to the Fiscal Year 2013 Plan submitted by your agency. This information should be included as **Attachment A and should include prior year perspective**. In addition to your Performance to Plan Report, Questions 5 through 10 provides guidance on the specific 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**. **As a center located within UMass we do not have separate audited financial reports.**

	AMOUNT	
Receipts	\$	
Expenditures	\$	
Assets	\$	
Liabilities	\$	

### 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 FY13 in the **Performance on Goals and Objectives** 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 MaCEC Catalyst Award FY 2013 - \$40,000.00 each

Northeastern University, Sanjeev Mukerjee – “Engineering Increased Biodiesel Productivity from Microalgae”

Syntha Corporation, Linda Hutchinson – “Software Platform for reducing Power Plant System Fuel Consumption and Emissions and Enabling Dynamic Electricity Pricing for Smart Grid”

Solid Energy Systems, Quichoa Hu – “Safe and High Energy Density Polymer Ionic Liquid Rechargeable Lithium Battery for Wide Temperature Operations”

CLOTeam LLC, Christina Lampe-Onnerud – “Low-cost, High-safety Energy Storage Module”

SolarBlock LLC, Patrick Quinlan – “Solar Wall Technology Demonstration”

MIT, Steven Casey – “Exhaust Heat Recovery Technology for Transit Vehicles”

Northeastern University, Latika Menon – “Titania Nanotubes for High-Performance Filtration Applications”

NBD Nanotechnologies, Galvarez/Wong – “Multi-tiered Superhydrophobic Coatings for Enhanced Dropwise Condensation”

SachSiSolar, Sacks/Greenlee – “Clean Liner Technology: No-Capital Approach to Boost the Performance of Multicrystalline Silicon Wafers for High Efficiency Solar Panels”

Worcester Polytech Institute – Ravinda Datta – “A Single-Pot Molten-Salt Process for the Direct Conversion of Cellulosic Biomass to Liquid Fuels and Platform Chemicals”

## 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 FY13 in the **Performance on Goals and Objectives** 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 FY13 in the **Performance on Goals and Objectives** 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 FY13 details in the **Performance on Goals and Objectives** 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 **Performance on Goals and Objectives** 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 FY13 in the **Performance on Goals and Objectives** 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 valuable feedback. Please see attached list of fy 2013 Platforms**

**Technology Conferences – Showcase new and enhanced 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 2013 Conference presenters and exhibitors**

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

	<b>Conference Presenters</b>	<b>Name</b>	<b>Company</b>	<b>Affiliated institution</b>	
1	ESLS 9	Ralf Geiben Lynn, CEO, CSO	Acceleration BioPharmaceuticals, Inc.	MGH	Presenter
2	ESLS 9	Steve Lerner, CEO	Alnion	Harvard University	Presenter
3	ESLS 9	Robert Thompson, CEO, Pres	Amorphex Therapeutics		Presenter
4	ESLS 9	Asanterabi Malima	Biolum	Northeastern	Presenter
5	ESLS 9	Ashok Chander, CEO	Cellanix Diagnostics	Stanford, Columbia, MIT	Presenter
6	ESLS 9	Salvatore Mascia, Pres	Continuus Pharma	MIT	Presenter
7	ESLS 9	Jeremy Benedict, CEO	Guided Surgery Solutions		Presenter
8	ESLS 9	Monty Montano, Founder	MyoSyntax	BU	Presenter
9	ESLS 9	Ranjit Prakash, CEO	Nano MDx, Inc.		Presenter
10	ESLS 9	Athan Kuliopulos, CEO	Oasis Pharma		Presenter
11	ESLS 9	Mark Tepper	Primatope Therapeutics		Presenter
12	ESLS 9	Frederick Jones	Roundhouse Therapeutics	BIDMC	Presenter
13	ESLS 9	Jeff Behrens, CEO	Sialix, Inc.	UCSD	Presenter
14	ESLS 9	Michael Schrader, Pres, CEO	Vaxess Technologies		Presenter
15	ESLS 9	Alexey Wolfson, CEO	Advirna		Exhibitor
16	ESLS 9	Andrew Mallon, CEO	Calista Therapeutics		Exhibitor
17	ESLS 9	Ozgur Yavuzcetic, Pres	NeuroFieldz, Inc.		Exhibitor
18	ESLS 9	Sean Kevlahan, CEO	Quad Technologies		Exhibitor
19	ESLS 9	Lambert Edelmann	Synubi Pharma	UMass	Exhibitor
20	ESLS 9	Martin Beinborn	Tufts Medical School	Tufts	Exhibitor
21	ESLS 9	David Kaplan, Prof	Tufts University	Tufts	Exhibitor
22	MALSID	David Friedman	BIDMC		Exhibitor
23	MALSID	Annalisa DiRuscio	BIDMC		Exhibitor
24	MALSID	Steven White	BU		Exhibitor
25	MALSID	Vishwajeet Puri	BU		Exhibitor
26	MALSID	Andrea DeSouza	Broad Inst of MIT/Harvard		Exhibitor
27	MALSID	Indu Javeri	CuriRx		Exhibitor
28	MALSID	Howard Loree	Flow Forward Medical		Exhibitor
29	MALSID	David Strohlic	Harvard Medical School		Exhibitor
30	MALSID	John Collier	Harvard Medical School		Exhibitor

31	MALSID	Daria Prilutsky	Harvard Medical School	Exhibitor
32	MALSID	Sandeep Robert Datta	Harvard Medical School	Exhibitor
33	MALSID	Joel Kralj	Harvard University	Exhibitor
34	MALSID	David Raiser	Harvard/Brigham & Women's Hospital	Exhibitor
35	MALSID	Nicole Wagner	LambdaVision	Exhibitor
36	MALSID	Jung-Jae Lee	MIT	Exhibitor
37	MALSID	Nigel Reuel	MIT	Exhibitor
38	MALSID	Amir Farjadian	Northeastern Univ.	Exhibitor
39	MALSID	Frederick Jones	Roundhouse Therapeutics	Exhibitor
40	MALSID	Sean Cotton	The Forsyth Institute	Exhibitor
41	MALSID	Estelle Newton	TriBiotica	Exhibitor
42	MALSID	Michele Jacob	Tufts University	Exhibitor
43	MALSID	Mercio Perrin	Tufts Univ Sch of Medicine	Exhibitor
44	MALSID	Rajendra Kumar-Singh	Tufts University	Exhibitor
45	MALSID	Sergio Fantini	Tufts University	Exhibitor
46	MALSID	Chris Pirie	Tufts University	Exhibitor
47	MALSID	Jennifer Nwankwo	Tufts University	Exhibitor
48	MALSID	Jonathan Kluge	Tufts University	Exhibitor
49	MALSID	Yuegang Zuo	Tufts University	Exhibitor
50	MALSID	Nan Wu	UMass Dartmouth	Exhibitor
51	MALSID	Artem Kutikov	UMass Medical School	Exhibitor
52	MALSID	Joo Kang	Wyss Inst/Harvard Univ.	Exhibitor
53	GCTMU	Harold Simansky	360 Chestnut, Inc.	Presenter
54	GCTMU	Peter Vandermeulen	7AC Technologies, Inc.	Presenter
55	GCTMU	Mukund Chorghade	AgroGreen Biofuels	Presenter
56	GCTMU	Olivier Allard	ADMS Technologies	Presenter
57	GCTMU	Greg Gerard Lavanant	Amplast Corp.	Presenter
58	GCTMU	Assaf Barnea	Aquarius Spectrum	Presenter
59	GCTMU	Roger Faulkner	Ballistic Breaker Co.	Presenter
60	GCTMU	Ould-hamouda Yasmine	BC Solar	Presenter
612	GCTMU	Arjun Gupta	bionerji	Presenter
62	GCTMU	Patrick Quinlan	Black Island Wind Turbine	Presenter
63	GCTMU	Loic Tran	BT3 Technologies	Presenter

64	GCTMU	Raphael Carty	Callida Energy		Presenter
65	GCTMU	Eric Dahnke	CleanSoft LLC		Presenter
66	GCTMU	Jean-Christophe Pruvost	Cleanea		Presenter
67	GCTMU	Alejandro Alvarez	Concreto Ecologico de Mexico		Presenter
68	GCTMU	William Sanchez	CoolChip Technologies		Presenter
69	GCTMU	David Herrera	Decisiones Ambientaqls		Presenter
70	GCTMU	Assaf Barnea	Diffusaire Ltd		Presenter
71	GCTMU	Jason Ethier	Dynamo Micropower Corp.		Presenter
72	GCTMU	Linda Haar	Eastern Wind Power		Presenter
73	GCTMU	Miguel Creixell	Eco Biosis		Presenter
74	GCTMU	Udi Meirav	EnVerid Systems		Presenter
75	GCTMU	Daniel Shani	Energy Intelligence		Presenter
76	GCTMU	Christine Adamow	EuphorbUS		Presenter
77	GCTMU	Arnaud Desrentes	EXOES		Presenter
78	GCTMU	Bart Lipkens	FloDesign Sonics Inc.		Presenter
79	GCTMU	Furio Barzon	Green Prefab		Presenter
80	GCTMU	Tid Griffin	Gryphon Environmental		Presenter
81	GCTMU	Manuel Rivera	Hydrorecovery		Presenter
82	GCTMU	Assaf Barnea	HydroSpin		Presenter
83	GCTMU	Burt Hamner	Hydrovolts, Inc.		Presenter
84	GCTMU	Yuval Berson	Linum Systems		Presenter
85	GCTMU	Alexander Kyllmann	Modutram Mexico		Presenter
86	GCTMU	Don Montgomery	NDC Power		Presenter
87	GCTMU	Olivier Ceberio	Resolute Marine Energy		Presenter
88	GCTMU	John Tourtelotte	Rivermoor Energy Storage		Presenter
89	GCTMU	John Rohrer	Rohrer Technologies		Presenter
90	GCTMU	Paul Laskow	Save EnergySystems, Inc.		Presenter
91	GCTMU	Masaru Tsuchiya	SiEnergy Systems, LLC		Presenter
92	GCTMU	Daniel McDonald	SMAST		Presenter
93	GCTMU	John Gocek	Sofame Technologies		Presenter
94	GCTMU	Qichao Hu	SolidEnergy Systems		Presenter
95	GCTMU	Sara Ross	Sungage		Presenter

96	GCTMU	Scott Wood	Sustainable Generation		Presenter
97	GCTMU	Linda Hutchinson	Syntha Corp.		Presenter
98	GCTMU	Nick Ni	Verde LLC		Presenter
99	GCTMU	Greg Govani	Walker Wellington		Presenter
100	GCTMU	Barun Singh	WegoWise		Presenter
	<b>PLATFORM MEETING AND COACHING</b>	<b>PRESENTER</b>	<b>COMPANY</b>		
101	Platform Meeting	Ralf Geiben Lynn	Acceleration Biopharmaceuticals		
102	Platform Meeting	Janice Gobert	Apprendis, LLC		
102	Platform Meeting	Thomas Tao	StannTron, LLC		
104	Platform Meeting	Alvin Stern	AG STERN, LLC		
105	Platform Meeting	Andrew Buckler	vascuVis Inc.		
106	Platform Meeting	Noah Gordon	Car Care Check		
107	Platform Meeting	Salvatore Mascia	CONTINUUS Pharmaceuticals, Inc.		
108	Platform Meeting	Tengiz Tkebuchava	Boston Transtec LLC		
109	Platform Meeting	Timothy Havel and Dave Lash	Energy Compression, Inc.		
110	Platform Meeting	Al Crosby			
111	Platform Meeting	Dan Imler	Willpath, Inc.		
112	Platform Meeting	Harold Simansky	360 Chestnut, Inc.		
113	Platform Meeting	James Pearson			
114	Platform Meeting	Manuel Rivera			
115	Platform Meeting	Steve Rogers	Qteros, Inc.		
116	Platform Meeting	Linda Hutchinson	Syntha Corporation		
117	Platform Meeting	Maciej Pietrusinski			
118	Platform Meeting	Matt Phaneuf	BioSurfaces, Inc.		
119	Platform Meeting	Gustavo Collantes	Logios		
120	Platform Meeting	Dorothy Najda	Primena		
121	Platform Meeting	Geoff Schmidt	ASK Diagnostics		
122	Platform Meeting	Yiannis Levendis			

