

Form **990-EZ**

**Short Form
Return of Organization Exempt From Income Tax**

OMB No 1545 1150

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code
(except private foundations)

2013

Department of the Treasury
Internal Revenue Service

- ▶ Do not enter Social Security numbers on this form as it may be made public.
- ▶ Information about Form 990-EZ and its instructions is at www.irs.gov/form990.

Open to Public Inspection

A For the 2013 calendar year, or tax year beginning _____, **2013, and ending** _____

B Check if applicable:
 Address change
 Name change
 Initial return
 Terminated
 Amended return
 Application pending

C **INSTITUTE FOR MOLECULAR MANUFACTURING**
555 BRYANT STREET #354
PALO ALTO, CA 94301

D Employer identification number
77-0277990

E Telephone number
650-917-1120

F Group Exemption Number _____

G Accounting Method Cash Accrual Other (specify) _____

H Check if the organization is not required to attach Schedule B (Form 990, 990-EZ, or 990-PF).

I Website: ▶ **HTTP://WWW.IMM.ORG/**

J Tax-exempt status (check only one) — 501(c)(3) 501(c) () ◀(insert no) 4947(a)(1) or 527

K Form of organization Corporation Trust Association Other _____

L Add lines 5b, 6c, and 7b, to line 9 to determine gross receipts. If gross receipts are \$200,000 or more, or if total assets (Part II, column (B) below) are \$500,000 or more, file Form 990 instead of Form 990-EZ. ▶ \$ **2,194.**

Part I Revenue, Expenses, and Changes in Net Assets or Fund Balances (see the instructions for Part I)
 Check if the organization used Schedule O to respond to any question in this Part I

		1	2	3	4	5a	5b	5c	6a	6b	6c	6d	7a	7b	7c	8	9	10	11	12	13	14	15	16	17	18	19	20	21							
REVENUES	1	Contributions, gifts, grants, and similar amounts received															2,189.																			
	2	Program service revenue including government fees and contracts																																		
	3	Membership dues and assessments																																		
	4	Investment income																5.																		
	5a	Gross amount from sale of assets other than inventory																																		
	5b	Less cost or other basis and sales expenses																																		
	5c	c Gain or (loss) from sale of assets other than inventory (Subtract line 5b from line 5a)																																		
	6	Gaming and fundraising events																																		
	6a	a Gross income from gaming (attach Schedule G if greater than \$15,000)																																		
	6b	b Gross income from fundraising events (not including \$ _____ of contributions from fundraising events reported on line 1) (attach Schedule G if the sum of such gross income and contributions exceeds \$15,000)																																		
6c	c Less direct expenses from gaming and fundraising events																																			
6d	d Net income or (loss) from gaming and fundraising events (add lines 6a and 6b and subtract line 6c)																																			
REVENUES	7a	Gross sales of inventory less returns and allowances																																		
	7b	b Less cost of goods sold																																		
	7c	c Gross profit or (loss) from sales of inventory (Subtract line 7b from line 7a)																																		
EXPENSES	8	Other revenue (describe in Schedule O)																																		
	9	Total revenue. Add lines 1, 2, 3, 4, 5c, 6d, 7c, and 8																2,194.																		
	10	Grants and similar amounts paid (list in Schedule O)																																		
	11	Benefits paid to or for members																																		
	12	Salaries, other compensation, and employee benefits																																		
	13	Professional fees and other payments to independent contractors																																		
	14	Occupancy, rent, utilities, and maintenance																																		
	15	Printing, publications, postage, and shipping																																		
	16	Other expenses (describe in Schedule O) SEE SCHEDULE O																																		
	17	Total expenses. Add lines 10 through 16																																		
ASSETS	18	Excess or (deficit) for the year (Subtract line 17 from line 9)																																		
	19	Net assets or fund balances at beginning of year (from line 27, column (A)) (must agree with end-of-year figure reported on prior year's return)																																		
	20	Other changes in net assets or fund balances (explain in Schedule O) SEE SCHEDULE O																																		
	21	Net assets or fund balances at end of year. Combine lines 18 through 20																																		

BAA For Paperwork Reduction Act Notice, see the separate instructions. Form 990-EZ (2013)

SCANNED DEC 11 2014

P 19

Part II Balance Sheets (see the instructions for Part II)
 Check if the organization used Schedule O to respond to any question in this Part II. X

	(A) Beginning of year	(B) End of year
22 Cash, savings, and investments	11,459.	10,967.
23 Land and buildings		
24 Other assets (describe in Schedule O) SEE SCHEDULE O	3,061.	3,061.
25 Total assets	14,520.	14,028.
26 Total liabilities (describe in Schedule O)	0.	0.
27 Net assets or fund balances (line 27 of column (B) must agree with line 21)	14,520.	14,028.

Part III Statement of Program Service Accomplishments (see the instructions for Part III)
 Check if the organization used Schedule O to respond to any question in this Part III. X

What is the organization's primary exempt purpose? SEE SCHEDULE O
 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. In a clear and concise manner, describe the services provided, the number of persons benefited, and other relevant information for each program title.

Expenses
 (Required for section 501(c)(3) and 501(c)(4) organizations and section 4947(a)(1) trusts; optional for others.)

28 SEE SCHEDULE O		
(Grants \$) If this amount includes foreign grants, check here. <input type="checkbox"/>	28 a	
29 SEE SCHEDULE O		
(Grants \$) If this amount includes foreign grants, check here. <input type="checkbox"/>	29 a	
30 SEE SCHEDULE O		
(Grants \$) If this amount includes foreign grants, check here. <input type="checkbox"/>	30 a	
31 Other program services (describe in Schedule O) SEE SCHEDULE O		
(Grants \$) If this amount includes foreign grants, check here. <input type="checkbox"/>	31 a	
32 Total program service expenses (add lines 28a through 31a)	32	

Part IV List of Officers, Directors, Trustees, and Key Employees (list each one even if not compensated - see the instructions for Part IV)
 Check if the organization used Schedule O to respond to any question in this Part IV.

(a) Name and Title	(b) Average hours per week devoted to position	(c) Reportable compensation (Forms W-2/1099-MISC) (if not paid, enter -0-)	(d) Health benefits, contributions to employee benefit plans, and deferred compensation	(e) Estimated amount of other compensation
NEIL JACOBSTEIN CHAIRMAN	1	0.	0.	0.
ED NIEHAUS DIRECTOR	1	0.	0.	0.
SAMUEL G. PERRY DIRECTOR	1	0.	0.	0.
JAMES BENNETT DIRECTOR	1	0.	0.	0.
PAUL MELNYK SEC/TREAS	1	0.	0.	0.
DAVID FORREST PRESIDENT	1	0.	0.	0.

Part V Other Information (Note the Schedule A and personal benefit contract statement requirements in SEE SCHEDULE O the instructions for Part V) Check if the organization used Schedule O to respond to any question in this Part V

	Yes	No
33 Did the organization engage in any significant activity not previously reported to the IRS? If 'Yes,' provide a detailed description of each activity in Schedule O		X
34 Were any significant changes made to the organizing or governing documents? If 'Yes,' attach a conformed copy of the amended documents if they reflect a change to the organization's name. Otherwise, explain the change on Schedule O (see instructions)		X
35 a Did the organization have unrelated business gross income of \$1,000 or more during the year from business activities (such as those reported on lines 2, 6a, and 7a, among others)?		X
b If 'Yes,' to line 35a, has the organization filed a Form 990-T for the year? If 'No,' provide an explanation in Schedule O		
c Was the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization subject to section 6033(e) notice, reporting, and proxy tax requirements during the year? If 'Yes,' complete Schedule C, Part III		X
36 Did the organization undergo a liquidation, dissolution, termination, or significant disposition of net assets during the year? If 'Yes,' complete applicable parts of Schedule N		X
37 a Enter amount of political expenditures, direct or indirect, as described in the instructions 37 a 0.		
b Did the organization file Form 1120-POL for this year?		X
38 a Did the organization borrow from, or make any loans to, any officer, director, trustee, or key employee or were any such loans made in a prior year and still outstanding at the end of the tax year covered by this return?		X
b If 'Yes,' complete Schedule L, Part II and enter the total amount involved 38 b N/A		
39 Section 501(c)(7) organizations. Enter		
a Initiation fees and capital contributions included on line 9 39 a N/A		
b Gross receipts, included on line 9, for public use of club facilities 39 b N/A		
40 a Section 501(c)(3) organizations. Enter amount of tax imposed on the organization during the year under section 4911 0. , section 4912 0. , section 4955 0.		
b Section 501(c)(3) and 501(c)(4) organizations. Did the organization engage in any section 4958 excess benefit transaction during the year or did it engage in an excess benefit transaction in a prior year that has not been reported on any of its prior Forms 990 or 990-EZ? If 'Yes,' complete Schedule L, Part I		X
c Section 501(c)(3) and 501(c)(4) organizations. Enter amount of tax imposed on organization managers or disqualified persons during the year under sections 4912, 4955, and 4958 0.		
d Section 501(c)(3) and 501(c)(4) organizations. Enter amount of tax on line 40c reimbursed by the organization 0.		
e All organizations. At any time during the tax year, was the organization a party to a prohibited tax shelter transaction? If 'Yes,' complete Form 8886-T		X
41 List the states with which a copy of this return is filed NONE		

42 a The organization's books are in care of **PAUL MELNYK** Telephone no **(408) 436-3678**
 Located at **555 BRYANT STREET #354, PALO ALTO, CA** ZIP + 4 **94301**

	Yes	No
b At any time during the calendar year, did the organization have an interest in or a signature or other authority over a financial account in a foreign country (such as a bank account, securities account, or other financial account)? If 'Yes,' enter the name of the foreign country		X
c At any time during the calendar year, did the organization maintain an office outside of the U S ? If 'Yes,' enter the name of the foreign country		X

43 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-EZ in lieu of Form 1041 - Check here and enter the amount of tax-exempt interest received or accrued during the tax year **33** N/A

	Yes	No
44 a Did the organization maintain any donor advised funds during the year? If 'Yes,' Form 990 must be completed instead of Form 990-EZ		X
b Did the organization operate one or more hospital facilities during the year? If 'Yes,' Form 990 must be completed instead of Form 990-EZ		X
c Did the organization receive any payments for indoor tanning services during the year?		X
d If 'Yes' to line 44c, has the organization filed a Form 720 to report these payments? If 'No,' provide an explanation in Schedule O		
45 a Did the organization have a controlled entity of the organization within the meaning of section 512(b)(13)?		X
b Did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? If 'Yes,' Form 990 and Schedule R may need to be completed instead of Form 990-EZ (see instructions)		X

	Yes	No
46 Did the organization engage, directly or indirectly, in political campaign activities on behalf of or in opposition to candidates for public office? If 'Yes,' complete Schedule C, Part I		X

Part VI Section 501(c)(3) organizations only

All section 501(c)(3) organizations must answer questions 47-49b and 52, and complete the tables for lines 50 and 51.

Check if the organization used Schedule O to respond to any question in this Part VI

	Yes	No
47 Did the organization engage in lobbying activities or have a section 501(h) election in effect during the tax year? If 'Yes,' complete Schedule C, Part II		X
48 Is the organization a school as described in section 170(b)(1)(A)(ii)? If 'Yes,' complete Schedule E		X
49 a Did the organization make any transfers to an exempt non-charitable related organization?		X
b If 'Yes,' was the related organization a section 527 organization?		

50 Complete this table for the organization's five highest compensated employees (other than officers, directors, trustees and key employees) who each received more than \$100,000 of compensation from the organization. If there is none, enter 'None.'

(a) Name and title of each employee	(b) Average hours per week devoted to position	(c) Reportable compensation (Forms W 2/1099 MISC)	(d) Health benefits, contributions to employee benefit plans, and deferred compensation	(e) Estimated amount of other compensation
NONE				

f Total number of other employees paid over \$100,000

51 Complete this table for the organization's five highest compensated independent contractors who each received more than \$100,000 of compensation from the organization. If there is none, enter 'None.'

(a) Name and business address of each independent contractor	(b) Type of service	(c) Compensation
NONE		

d Total number of other independent contractors each receiving over

52 Did the organization complete Schedule A? **Note.** All section 501(c) charitable trusts must attach a completed Schedule A

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules true, correct, and complete. Declaration of preparer (other than officer) is based on all information provided.

Sign Here	<input checked="" type="checkbox"/> <u>Paul Melnyk</u> Signature of officer
	<u>Paul Melnyk, Treas</u> Type or print name and title
Paid Preparer Use Only	Print/Type preparer's name DAVID P. HOLLAND
	Preparer's signature <u>David P.</u>
	Firm's name ▶ HOLLAND & ASSOCIATES CPAS, I
	Firm's address ▶ 2479 E BAYSHORE RD, # 250 PALO ALTO, CA 94303

May the IRS discuss this return with the preparer shown above? See instructions

SCHEDULE A
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

▶ Attach to Form 990 or Form 990-EZ.

▶ Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No 1545 0047

2013

Open to Public Inspection

Name of the organization INSTITUTE FOR MOLECULAR MANUFACTURING	Employer identification number 77-0277990
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Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is. (For lines 1 through 11, check only one box.)

- 1 A church, convention of churches or association of churches described in **section 170(b)(1)(A)(i)**.
- 2 A school described in **section 170(b)(1)(A)(ii)**. (Attach Schedule E.)
- 3 A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii)**.
- 4 A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii)**. Enter the hospital's name, city, and state.
- 5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv)**. (Complete Part II.)
- 6 A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v)**.
- 7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)**. (Complete Part II.)
- 8 A community trust described in **section 170(b)(1)(A)(vi)**. (Complete Part II.)
- 9 An organization that normally receives (1) more than 33-1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions — subject to certain exceptions, and (2) no more than 33-1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2)**. (Complete Part III.)
- 10 An organization organized and operated exclusively to test for public safety. See **section 509(a)(4)**.
- 11 An organization organized and operated exclusively for the benefit of, to perform the functions of, or carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2). See **section 509(a)(3)**. Check the box that describes the type of supporting organization and complete lines 11e through 11h.
 - a Type I b Type II c Type III — Functionally integrated d Type III — Non-functionally integrated
- e By checking this box, I certify that the organization is not controlled directly or indirectly by one or more disqualified persons other than foundation managers and other than one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2).
- f If the organization received a written determination from the IRS that is a Type I, Type II or Type III supporting organization, check this box
- g Since August 17, 2006, has the organization accepted any gift or contribution from any of the following persons?
 - (i) A person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the supported organization?
 - (ii) A family member of a person described in (i) above?
 - (iii) A 35% controlled entity of a person described in (i) or (ii) above?

	Yes	No
11 g (i)		
11 g (ii)		
11 g (iii)		

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1-9 above or IRC section (see instructions))	(iv) Is the organization in column (i) listed in your governing document?		(v) Did you notify the organization in column (i) of your support?		(vi) Is the organization in column (i) organized in the U.S.?		(vii) Amount of monetary support
			Yes	No	Yes	No	Yes	No	
(A)									
(B)									
(C)									
(D)									
(E)									
Total									

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any 'unusual grants'.)	508.	4,330.	5,397.	2,234.	2,189.	14,658.
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						0.
3 The value of services or facilities furnished by a governmental unit to the organization without charge						0.
4 Total. Add lines 1 through 3	508.	4,330.	5,397.	2,234.	2,189.	14,658.
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						7,736.
6 Public support. Subtract line 5 from line 4						6,922.

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
7 Amounts from line 4	508.	4,330.	5,397.	2,234.	2,189.	14,658.
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	5.	3.	9.	7.	5.	29.
9 Net income from unrelated business activities, whether or not the business is regularly carried on						0.
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)						0.
11 Total support. Add lines 7 through 10						14,687.
12 Gross receipts from related activities, etc (see instructions)					12	0.
13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ▶ <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

14 Public support percentage for 2013 (line 6, column (f) divided by line 11, column (f))	14	47.13 %
15 Public support percentage from 2012 Schedule A, Part II, line 14	15	48.48 %
16 a 33-1/3% support test – 2013. If the organization did not check the box on line 13, and the line 14 is 33-1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ <input checked="" type="checkbox"/>		
b 33-1/3% support test – 2012. If the organization did not check a box on line 13 or 16a, and line 15 is 33-1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
17 a 10%-facts-and-circumstances test – 2013. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the 'facts-and-circumstances' test, check this box and stop here. Explain in Part IV how the organization meets the 'facts-and-circumstances' test. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
b 10%-facts-and-circumstances test – 2012. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the 'facts-and-circumstances' test, check this box and stop here. Explain in Part IV how the organization meets the 'facts-and-circumstances' test. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ▶ <input type="checkbox"/>		

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 9 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal yr beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
1 Gifts, grants, contributions and membership fees received (Do not include any 'unusual grants'.)						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						
c Add lines 7a and 7b						
8 Public support (Subtract line 7c from line 6)						

Section B. Total Support

Calendar year (or fiscal yr beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)						
13 Total Support. (Add lns 9, 10c, 11 and 12.)						

14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here** ▶

Section C. Computation of Public Support Percentage

15 Public support percentage for 2013 (line 8, column (f) divided by line 13, column (f))	15	%
16 Public support percentage from 2012 Schedule A, Part III, line 15	16	%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2013 (line 10c, column (f) divided by line 13, column (f))	17	%
18 Investment income percentage from 2012 Schedule A, Part III, line 17	18	%

19a 33-1/3% support tests – 2013. If the organization did not check the box on line 14, and line 15 is more than 33-1/3%, and line 17 is not more than 33-1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization ▶

b 33-1/3% support tests – 2012. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33-1/3%, and line 18 is not more than 33-1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization ▶

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Name of the organization

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.
▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is
at www.irs.gov/form990.

OMB No 1545 0047

2013

**Open to Public
Inspection**

INSTITUTE FOR MOLECULAR MANUFACTURING

Employer identification number

77-0277990

FORM 990-EZ, PART III - ORGANIZATION'S PRIMARY EXEMPT PURPOSE

SCIENTIFIC RESEARCH

FORM 990-EZ, PART III, LINE 28 - STATEMENT OF PROGRAM SERVICE ACCOMPLISHMENTS

TAD HOGG, "DISTRIBUTED CONTROL OF MICROSCOPIC ROBOTS IN BIOMEDICAL APPLICATIONS"

IN 2ND EDITION OF ADVANCES IN APPLIED SELF-ORGANIZING SYSTEMS, CHAPTER 8, MIKHAIL

PROKOPENKO EDITOR, PAGES 179-208, SPRINGER, 2013.

FORM 990-EZ, PART III, LINE 29 - STATEMENT OF PROGRAM SERVICE ACCOMPLISHMENTS

DENIS TARASOV, EKATERINA IZOTOVA, DIANA ALISHEVA, NATALIA AKBEROVA, ROBERT A.

FREITAS JR., "OPTIMAL APPROACH TRAJECTORIES FOR A HYDROGEN DONATION TOOL IN

POSITIONALLY CONTROLLED DIAMOND MECHANOSYNTHESIS," J. COMPUT. THEOR. NANOSCI.

10 (SEPTEMBER 2013) :1899-1907.

[HTTP://WWW.MOLECULARASSEMBLER.COM/PAPERS/TARASOVSEP2013.PDF](http://WWW.MOLECULARASSEMBLER.COM/PAPERS/TARASOVSEP2013.PDF)

FORM 990-EZ, PART III, LINE 30 - STATEMENT OF PROGRAM SERVICE ACCOMPLISHMENTS

ROBERT A. FREITAS JR., "CHAPTER 6. DIAMONDOID NANOROBOTICS," IN CONSTANTINOS

MAVROIDIS, ANTOINE FERREIRA, EDS., NANOROBOTICS: CURRENT APPROACHES AND

TECHNIQUES, SPRINGER, NEW YORK, 2013.

[HTTP://WWW.AMAZON.COM/NANOROBOTICS-APPROACHES-TECHNIQUES-CONSTANTINOS-MAVROIDIS/DP](http://WWW.AMAZON.COM/NANOROBOTICS-APPROACHES-TECHNIQUES-CONSTANTINOS-MAVROIDIS/DP/1461421187)

/1461421187

FORM 990-EZ, PART V - REGARDING TRANSFERS ASSOCIATED WITH PERSONAL BENEFIT CONTRACTS

(A) DID THE ORGANIZATION, DURING THE YEAR, RECEIVE ANY FUNDS, DIRECTLY OR

INDIRECTLY, TO PAY PREMIUMS ON A PERSONAL BENEFIT CONTRACT?

NO

(B) DID THE ORGANIZATION, DURING THE YEAR, PAY PREMIUMS, DIRECTLY OR

INDIRECTLY, ON A PERSONAL BENEFIT CONTRACT?

NO

INSTITUTE FOR MOLECULAR MANUFACTURING

77-0277990

FORM 990-EZ, PART I, LINE 16
OTHER EXPENSES

BANK CHARGES	\$	42.
OFFICE EXPENSES		791.
TELECOMMUNICATIONS		780.
TOTAL	\$	<u>1,613.</u>

FORM 990-EZ, PART I, LINE 20
OTHER CHANGES IN NET ASSETS OR FUND BALANCES

PRIOR PERIOD ADJUSTMENTS	\$	457.
TOTAL	\$	<u>457.</u>

FORM 990-EZ, PART II, LINE 24
OTHER ASSETS

	<u>BEGINNING</u>	<u>ENDING</u>
PLEDGES AND GRANTS RECEIVABLE	\$ 3,061.	\$ 3,061.
TOTAL	<u>\$ 3,061.</u>	<u>\$ 3,061.</u>

FORM 990-EZ, PART III, LINE 31
STATEMENT OF PROGRAM SERVICE ACCOMPLISHMENTS

<u>DESCRIPTION</u>	<u>GRANTS</u>	<u>PROGRAM SERVICE EXPENSES</u>
<p>ROBERT A. FREITAS JR., "CHAPTER 6. WELCOME TO THE FUTURE OF MEDICINE," IN MAX MORE, NATASHA VITA-MORE, EDS., THE TRANSHUMANIST READER: CLASSICAL AND CONTEMPORARY ESSAYS ON THE SCIENCE, TECHNOLOGY, AND PHILOSOPHY OF THE HUMAN FUTURE, WILEY-BLACKWELL, 2013, PP. 67-72. HTTP://WWW.AMAZON.COM/THE-TRANSHUMANIST-READER-CONTEMPORARY-TECHNOLOGY/DP/1118334299</p> <p style="text-align: right;">INCLUDES FOREIGN GRANTS: NO</p>		
<p>J. STORRS HALL, PH.D., PROFILES OF THE FUTURE, NEWMAN SUMMER SYMPOSIUM, NEWMAN UNIVERSITY, WICHITA, KS; ARTIFICIAL RESPONSIBILITY, BEYOND AI: ARTIFICIAL GOLEM INTELLIGENCE, UNIVERSITY OF WESTERN BOHEMIA, PLZEN, CZECH REPUBLIC.</p> <p style="text-align: right;">INCLUDES FOREIGN GRANTS: NO</p>		
<p>NEIL JACOBSTEIN, LECTURE AND WORKSHOP DISCUSSIONS OF THE ECONOMIC, ETHICAL, TECHNICAL, AND ENVIRONMENTAL ASPECTS OF NANOTECHNOLOGY AND ATOMICALLY PRECISE MANUFACTURING IN OVER A DOZEN EXECUTIVE SEMINARS, AND APPROXIMATELY 20 INVITED SPEAKING ENGAGEMENTS IN THE US, ARGENTINA, HUNGARY, HOLLAND, DENMARK, ITALY, ENGLAND, AND OTHER COUNTRIES. SEVERAL OF THE SEMINARS WERE WITH C LEVEL EXECUTIVES FROM FORTUNE 1000 COMPANIES.</p> <p style="text-align: right;">INCLUDES FOREIGN GRANTS: NO</p>		

FORM 990-EZ, PART III, LINE 31 (CONTINUED)
STATEMENT OF PROGRAM SERVICE ACCOMPLISHMENTS

DESCRIPTION	GRANTS	PROGRAM SERVICE EXPENSES
TOTAL	\$ 0.	\$ 0.

Application for Extension of Time To File an Exempt Organization Return

▶ **File a separate application for each return.**

▶ **Information about Form 8868 and its instructions is at www.irs.gov/form8868.**

- If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** and check this box.
- If you are filing for an **Additional (Not Automatic) 3-Month Extension**, complete only **Part II** (on page 2 of this form)

Do not complete Part II unless you have already been granted an automatic 3-month extension on a previously filed Form 8868

Electronic filing (e-file). You can electronically file Form 8868 if you need a 3-month automatic extension of time to file (6 months for a corporation required to file Form 990-T), or an additional (not automatic) 3-month extension of time. You can electronically file Form 8868 to request an extension of time to file any of the forms listed in Part I or Part II with the exception of Form 8870, Information Return for Transfers Associated With Certain Personal Benefit Contracts, which must be sent to the IRS in paper format (see instructions). For more details on the electronic filing of this form, visit www.irs.gov/efile and click on *e-file for Charities & Nonprofits*

Part I Automatic 3-Month Extension of Time. Only submit original (no copies needed).

A corporation required to file Form 990-T and requesting an automatic 6-month extension – check this box and complete Part I only

All other corporations (including 1120-C filers), partnerships, REMICs, and trusts must use Form 7004 to request an extension of time to file income tax returns

Enter filer's identifying number, see instructions

Type or print File by the due date for filing your return. See instructions.	Name of exempt organization or other filer, see instructions	Employer identification number (EIN) or
	INSTITUTE FOR MOLECULAR MANUFACTURING	77-0277990
	Number, street, and room or suite number. If a P.O. box, see instructions	Social security number (SSN)
	555 BRYANT STREET #354	
	City, town or post office, state, and ZIP code. For a foreign address, see instructions	
	PALO ALTO, CA 94301	



Enter the Return code for the return that this application is for (file a separate application for each return) 01

Application Is For	Return Code	Application Is For	Return Code
Form 990 or Form 990-EZ	01	Form 990-T (corporation)	07
Form 990-BL	02	Form 1041-A	08
Form 4720 (individual)	03	Form 4720 (other than individual)	09
Form 990-PF	04	Form 5227	10
Form 990-T (section 401(a) or 408(a) trust)	05	Form 6069	11
Form 990-T (trust other than above)	06	Form 8870	12

- The books are in the care of ▶ PAUL MELNYK -----

Telephone No ▶ (408) 436-3678 ----- Fax No ▶ -----

- If the organization does not have an office or place of business in the United States, check this box
- If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) _____ If this is for the whole group, check this box . If it is for part of the group, check this box and attach a list with the names and EINs of all members the extension is for.

1 I request an automatic 3-month (6 months for a corporation required to file Form 990-T) extension of time until 8/15, 2014, to file the exempt organization return for the organization named above. The extension is for the organization's return for

- ▶ calendar year 2013 or
- ▶ tax year beginning _____, 20____, and ending _____, 20____

2 If the tax year entered in line 1 is for less than 12 months, check reason Initial return Final return Change in accounting period

3 a If this application is for Forms 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions.	3 a	\$	0.
b If this application is for Forms 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit.	3 b	\$	0.
c Balance due. Subtract line 3b from line 3a. Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions.	3 c	\$	0.

Caution. If you are going to make an electronic funds withdrawal (direct debit) with this Form 8868, see Form 8453 EO and Form 8879-EO for payment instructions.

COPY

- If you are filing for an **Additional (Not Automatic) 3-Month Extension**, complete only **Part II** and check this box **X**
- Note.** Only complete Part II if you have already been granted an automatic 3-month extension on a previously filed Form 8868
- If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** (on page 1)

Part II Additional (Not Automatic) 3-Month Extension of Time. Only file the original (no copies needed).

Type or print File by the extended due date for filing your return. See instructions.	Enter filer's identifying number, see instructions	
	Name of exempt organization or other filer, see instructions	Employer identification number (EIN) or
	INSTITUTE FOR MOLECULAR MANUFACTURING	77-0277990
	Number, street, and room or suite number. If a P O box, see instructions	Social security number (SSN)
HOLLAND & ASSOCIATES CPAS, INC. 2479 E BAYSHORE RD, # 250		
City, town or post office, state, and ZIP code. For a foreign address, see instructions		
PALO ALTO, CA 94303		

Enter the Return code for the return that this application is for (file a separate application for each return) 01

Application Is For	Return Code	Application Is For	Return Code
Form 990 or Form 990-EZ	01		
Form 990-BL	02	Form 1041-A	08
Form 4720 (individual)	03	Form 4720 (other than individual)	09
Form 990-PF	04	Form 5227	10
Form 990-T (section 401(a) or 408(a) trust)	05	Form 6069	11
Form 990-T (trust other than above)	06	Form 8870	12

STOP! Do not complete Part II if you were not already granted an automatic 3-month extension on a previously filed Form 8868.

- The books are in care of ▶ PAUL MELNYK
Telephone No ▶ (408) 436-3678 Fax No ▶ _____
- If the organization does not have an office or place of business in the United States, check this box
- If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) _____ If this is for the whole group, check this box . If it is for part of the group, check this box and attach a list with the names and EINs of all members the extension is for

- 4 I request an additional 3-month extension of time until 11/15, 20 14
- 5 For calendar year 2013, or other tax year beginning _____, 20 _____, and ending _____, 20 _____
- 6 If the tax year entered in line 5 is for less than 12 months, check reason: Initial return Final return Change in accounting period
- 7 State in detail why you need the extension ADDITIONAL TIME IS NEEDED TO FILE A COMPLETE AND ACCURATE TAX RETURN.

8 a If this application is for Forms 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions.	8 a \$
8 b If this application is for Forms 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit and any amount paid previously with Form 8868.	8 b \$
8 c Balance due. Subtract line 8b from line 8a. Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions.	8 c \$

Signature and Verification must be completed for Part II only.

Under penalties of perjury, I declare that I have examined this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete, and that I am authorized to prepare this form.

Signature ▶ *Paul Melnyk* Title ▶ CPA Date ▶ 7.28.14

BAA FIF20502L 12/31/13 Form 8868 (Rev 1-2014)