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ARMANINO ^{LLP}

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Exempt Organization Business Income Tax Return
(and proxy tax under section 6033(e))

2018

For calendar year 2018 or other tax year beginning _____, and ending _____

▶ Go to www.irs.gov/Form990T for instructions and the latest information.

▶ Do not enter SSN numbers on this form as it may be made public if your organization is a 501(c)(3).

Open to Public Inspection for 501(c)(3) Organizations Only

Department of the Treasury
Internal Revenue Service

<p>A <input type="checkbox"/> Check box if address changed</p> <p>B Exempt under section <input checked="" type="checkbox"/> 501(c)(3)) <input type="checkbox"/> 408(e) <input type="checkbox"/> 220(e) <input type="checkbox"/> 408A <input type="checkbox"/> 530(a) <input type="checkbox"/> 529(a)</p>	<p>Print or Type</p>	<p>Name of organization (<input type="checkbox"/> Check box if name changed and see instructions.) PUBLIC LIBRARY OF SCIENCE</p> <p>Number, street, and room or suite no. If a P.O. box, see instructions. 1160 BATTERY STREET, NO. 225</p> <p>City or town, state or province, country, and ZIP or foreign postal code SAN FRANCISCO, CA 94111</p>	<p>D Employer identification number (Employees' trust, see instructions.) 68-0492065</p> <p>E Unrelated business activity code (See instructions.) 511190</p>
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<p>C Book value of all assets at end of year 15,407,696.</p>	<p>F Group exemption number (See instructions.) ▶</p> <p>G Check organization type ▶ <input checked="" type="checkbox"/> 501(c) corporation <input type="checkbox"/> 501(c) trust <input type="checkbox"/> 401(a) trust <input type="checkbox"/> Other trust</p>
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H Enter the number of the organization's unrelated trades or businesses. ▶ 1 Describe the only (or first) unrelated trade or business here ▶ **ADVERTISING**. If only one, complete Parts I-V. If more than one, describe the first in the blank space at the end of the previous sentence, complete Parts I and II, complete a Schedule M for each additional trade or business, then complete Parts III-V.

I During the tax year, was the corporation a subsidiary in an affiliated group or a parent-subsidiary controlled group? Yes No
 If "Yes," enter the name and identifying number of the parent corporation. ▶

J The books are in care of ▶ SUSAN AU, DIRECTOR OF FINANCE AND Telephone number ▶ (415) 624-1200

Part I Unrelated Trade or Business Income	(A) Income	(B) Expenses	(C) Net
1 a Gross receipts or sales			
b Less returns and allowances			
c Balance	1c		
2 Cost of goods sold (Schedule A, line 7)	2		
3 Gross profit. Subtract line 2 from line 1c	3		
4 a Capital gain net income (attach Schedule D)	4a		
b Net gain (loss) (Form 4797, Part II, line 17) (attach Form 4797)	4b		
c Capital loss deduction for trusts	4c		
5 Income (loss) from a partnership or an S corporation (attach statement)	5		
6 Rent income (Schedule C)	6		
7 Unrelated debt-financed income (Schedule E)	7		
8 Interest, annuities, royalties, and rents from a controlled organization (Schedule F)	8		
9 Investment income of a section 501(c)(7), (9), or (17) organization (Schedule G)	9		
10 Exploited exempt activity income (Schedule I)	10 318,689.	168,350.	150,339.
11 Advertising income (Schedule J)	11		
12 Other income (See instructions; attach schedule)	12		
13 Total. Combine lines 3 through 12	13 318,689.	168,350.	150,339.

Part II Deductions Not Taken Elsewhere (See instructions for limitations on deductions.) (Except for contributions, deductions must be directly connected with the unrelated business income.)			
14 Compensation of officers, directors, and trustees (Schedule K)	14		
15 Salaries and wages	15		
16 Repairs and maintenance	16		
17 Bad debts	17		
18 Interest (attach schedule) (see instructions)	18		
19 Taxes and licenses	19		
20 Charitable contributions (See instructions for limitation rules)	20		
21 Depreciation (attach Form 4562)	21		
22 Less depreciation claimed on Schedule A and elsewhere on return	22a	22b	
23 Depletion	23		
24 Contributions to deferred compensation plans	24		
25 Employee benefit programs	25		
26 Excess exempt expenses (Schedule I)	26		150,339.
27 Excess readership costs (Schedule J)	27		
28 Other deductions (attach schedule)	28		
29 Total deductions. Add lines 14 through 28	29		150,339.
30 Unrelated business taxable income before net operating loss deduction. Subtract line 29 from line 13	30		0.
31 Deduction for net operating loss arising in tax years beginning on or after January 1, 2018 (see instructions)	31		
32 Unrelated business taxable income. Subtract line 31 from line 30	32		0.

Part III Total Unrelated Business Taxable Income

33	Total of unrelated business taxable income computed from all unrelated trades or businesses (see instructions)	33	0.
34	Amounts paid for disallowed fringes	34	134,467.
35	Deduction for net operating loss arising in tax years beginning before January 1, 2018 (see instructions) STMT 1	35	22,295.
36	Total of unrelated business taxable income before specific deduction. Subtract line 35 from the sum of lines 33 and 34	36	112,172.
37	Specific deduction (Generally \$1,000, but see line 37 instructions for exceptions)	37	1,000.
38	Unrelated business taxable income. Subtract line 37 from line 36. If line 37 is greater than line 36, enter the smaller of zero or line 36	38	111,172.

Part IV Tax Computation

39	Organizations Taxable as Corporations. Multiply line 38 by 21% (0.21)	39	23,346.
40	Trusts Taxable at Trust Rates. See instructions for tax computation. Income tax on the amount on line 38 from: <input type="checkbox"/> Tax rate schedule or <input type="checkbox"/> Schedule D (Form 1041)	40	
41	Proxy tax. See instructions	41	
42	Alternative minimum tax (trusts only)	42	
43	Tax on Noncompliant Facility Income. See instructions	43	
44	Total. Add lines 41, 42, and 43 to line 39 or 40, whichever applies	44	23,346.

Part V Tax and Payments

45a	Foreign tax credit (corporations attach Form 1118; trusts attach Form 1116)	45a	
b	Other credits (see instructions)	45b	
c	General business credit. Attach Form 3800	45c	
d	Credit for prior year minimum tax (attach Form 8801 or 8827)	45d	
e	Total credits. Add lines 45a through 45d	45e	
46	Subtract line 45e from line 44	46	23,346.
47	Other taxes. Check if from: <input type="checkbox"/> Form 4255 <input type="checkbox"/> Form 8611 <input type="checkbox"/> Form 8697 <input type="checkbox"/> Form 8866 <input type="checkbox"/> Other (attach schedule)	47	
48	Total tax. Add lines 46 and 47 (see instructions)	48	23,346.
49	2018 net 965 tax liability paid from Form 965-A or Form 965-B, Part II, column (k), line 2	49	0.
50a	Payments: A 2017 overpayment credited to 2018	50a	13,196.
b	2018 estimated tax payments	50b	23,337.
c	Tax deposited with Form 8868	50c	
d	Foreign organizations: Tax paid or withheld at source (see instructions)	50d	
e	Backup withholding (see instructions)	50e	
f	Credit for small employer health insurance premiums (attach Form 8941)	50f	
g	Other credits, adjustments, and payments: <input type="checkbox"/> Form 2439 <input type="checkbox"/> Form 4136 <input type="checkbox"/> Other Total	50g	
51	Total payments. Add lines 50a through 50g	51	36,533.
52	Estimated tax penalty (see instructions). Check if Form 2220 is attached <input type="checkbox"/>	52	54.
53	Tax due. If line 51 is less than the total of lines 48, 49, and 52, enter amount owed	53	
54	Overpayment. If line 51 is larger than the total of lines 48, 49, and 52, enter amount overpaid	54	13,133.
55	Enter the amount of line 54 you want: Credited to 2019 estimated tax 13,133. Refunded	55	0.

Part VI Statements Regarding Certain Activities and Other Information (see instructions)

56	At any time during the 2018 calendar year, did the organization have an interest in or a signature or other authority over a financial account (bank, securities, or other) in a foreign country? If "Yes," the organization may have to file FinCEN Form 114, Report of Foreign Bank and Financial Accounts. If "Yes," enter the name of the foreign country here UNITED KINGDOM	Yes	No
57	During the tax year, did the organization receive a distribution from, or was it the grantor of, or transferor to, a foreign trust? If "Yes," see instructions for other forms the organization may have to file.		X
58	Enter the amount of tax-exempt interest received or accrued during the tax year \$		

Sign Here Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

Signature of officer _____ Date _____ CFO Title _____
 May the IRS discuss this return with the preparer shown below (see instructions)? Yes No

Paid Preparer Use Only
 Print/Type preparer's name: KATY BROWN
 Preparer's signature: KATY BROWN
 Date: 10/10/19
 Check if self-employed
 PTIN: P00650274
 Firm's name: ARMANINO LLP
 Firm's EIN: 94-6214841
 Firm's address: 12657 ALCOSTA BLVD, STE. 500
 SAN RAMON, CA 94583-4600
 Phone no.: 925-790-2600

Schedule A - Cost of Goods Sold. Enter method of inventory valuation ▶ N/A

1 Inventory at beginning of year	1		6 Inventory at end of year	6	
2 Purchases	2		7 Cost of goods sold. Subtract line 6 from line 5. Enter here and in Part I, line 2	7	
3 Cost of labor	3				
4a Additional section 263A costs (attach schedule)	4a				
b Other costs (attach schedule)	4b				
5 Total. Add lines 1 through 4b	5		8 Do the rules of section 263A (with respect to property produced or acquired for resale) apply to the organization?		Yes No

Schedule C - Rent Income (From Real Property and Personal Property Leased With Real Property)

(see instructions)

1. Description of property

(1)
(2)
(3)
(4)

2. Rent received or accrued

(a) From personal property (if the percentage of rent for personal property is more than 10% but not more than 50%)	(b) From real and personal property (if the percentage of rent for personal property exceeds 50% or if the rent is based on profit or income)	3(a) Deductions directly connected with the income in columns 2(a) and 2(b) (attach schedule)
(1)		
(2)		
(3)		
(4)		
Total	0.	Total 0.

(c) **Total income.** Add totals of columns 2(a) and 2(b). Enter here and on page 1, Part I, line 6, column (A)

(b) **Total deductions.** Enter here and on page 1, Part I, line 6, column (B) ... 0.

Schedule E - Unrelated Debt-Financed Income (see instructions)

1. Description of debt-financed property	2. Gross income from or allocable to debt-financed property	3. Deductions directly connected with or allocable to debt-financed property		
		(a) Straight line depreciation (attach schedule)	(b) Other deductions (attach schedule)	
(1)				
(2)				
(3)				
(4)				
4. Amount of average acquisition debt on or allocable to debt-financed property (attach schedule)	5. Average adjusted basis of or allocable to debt-financed property (attach schedule)	6. Column 4 divided by column 5	7. Gross income reportable (column 2 x column 6)	8. Allocable deductions (column 6 x total of columns 3(a) and 3(b))
(1)		%		
(2)		%		
(3)		%		
(4)		%		
Totals		Enter here and on page 1, Part I, line 7, column (A). 0.		Enter here and on page 1, Part I, line 7, column (B). 0.
Total dividends-received deductions included in column 8				0.

Schedule F - Interest, Annuities, Royalties, and Rents From Controlled Organizations (see instructions)

1. Name of controlled organization	2. Employer identification number	Exempt Controlled Organizations			
		3. Net unrelated income (loss) (see instructions)	4. Total of specified payments made	5. Part of column 4 that is included in the controlling organization's gross income	6. Deductions directly connected with income in column 5
(1)					
(2)					
(3)					
(4)					

Nonexempt Controlled Organizations

7. Taxable income	8. Net unrelated income (loss) (see instructions)	9. Total of specified payments made	10. Part of column 9 that is included in the controlling organization's gross income	11. Deductions directly connected with income in column 10
(1)				
(2)				
(3)				
(4)				
			Add columns 5 and 10. Enter here and on page 1, Part I, line 8, column (A).	Add columns 6 and 11. Enter here and on page 1, Part I, line 8, column (B).
Totals			0.	0.

Schedule G - Investment Income of a Section 501(c)(7), (9), or (17) Organization (see instructions)

1. Description of income	2. Amount of income	3. Deductions directly connected (attach schedule)	4. Set-asides (attach schedule)	5. Total deductions and set-asides (col. 3 plus col. 4)
(1)				
(2)				
(3)				
(4)				
		Enter here and on page 1, Part I, line 9, column (A).		Enter here and on page 1, Part I, line 9, column (B).
Totals		0.		0.

Schedule I - Exploited Exempt Activity Income, Other Than Advertising Income (see instructions)

1. Description of exploited activity	2. Gross unrelated business income from trade or business	3. Expenses directly connected with production of unrelated business income STMT 2	4. Net income (loss) from unrelated trade or business (column 2 minus column 3). If a gain, compute cols. 5 through 7.	5. Gross income from activity that is not unrelated business income	6. Expenses attributable to column 5 STMT 3	7. Excess exempt expenses (column 6 minus column 5, but not more than column 4).
(1) ONLINE PUBLICATIONS	318,689.	168,350.	150,339.	31,663,670.	37,791,801.	150,339.
(2)						
(3)						
(4)						
	Enter here and on page 1, Part I, line 10, col. (A).	Enter here and on page 1, Part I, line 10, col. (B).				Enter here and on page 1, Part II, line 26.
Totals	318,689.	168,350.				150,339.

Schedule J - Advertising Income (see instructions)

Part I Income From Periodicals Reported on a Consolidated Basis

1. Name of periodical	2. Gross advertising income	3. Direct advertising costs	4. Advertising gain or (loss) (col. 2 minus col. 3). If a gain, compute cols. 5 through 7.	5. Circulation income	6. Readership costs	7. Excess readership costs (column 6 minus column 5, but not more than column 4).
(1)						
(2)						
(3)						
(4)						
Totals (carry to Part II, line (5))	0.	0.				0.

Part II **Income From Periodicals Reported on a Separate Basis** (For each periodical listed in Part II, fill in columns 2 through 7 on a line-by-line basis.)

1. Name of periodical	2. Gross advertising income	3. Direct advertising costs	4. Advertising gain or (loss) (col. 2 minus col. 3). If a gain, compute cols. 5 through 7.	5. Circulation income	6. Readership costs	7. Excess readership costs (column 6 minus column 5, but not more than column 4).
(1)						
(2)						
(3)						
(4)						
Totals from Part I	0.	0.				0.
Totals, Part II (lines 1-5)	0.	0.				0.

Schedule K - Compensation of Officers, Directors, and Trustees (see instructions)

1. Name	2. Title	3. Percent of time devoted to business	4. Compensation attributable to unrelated business
(1)		%	
(2)		%	
(3)		%	
(4)		%	
Total. Enter here and on page 1, Part II, line 14			0.

FORM 990-T

NET OPERATING LOSS DEDUCTION

STATEMENT 1

TAX YEAR	LOSS SUSTAINED	LOSS PREVIOUSLY APPLIED	LOSS REMAINING	AVAILABLE THIS YEAR
12/31/14	25,793.	3,498.	22,295.	22,295.
NOL CARRYOVER AVAILABLE THIS YEAR			22,295.	22,295.

FORM 990-T

SCHEDULE I - EXPENSES DIRECTLY CONNECTED WITH PRODUCTION OF UNRELATED BUSINESS INCOME

STATEMENT 2

DESCRIPTION	ACTIVITY NUMBER	AMOUNT	TOTAL
ONLINE PUBLICATIONS		168,350.	
- SUBTOTAL -	1		168,350.
TOTAL OF FORM 990-T, SCHEDULE I, COLUMN 3			168,350.

FORM 990-T

SCHEDULE I - EXPENSES NOT DIRECTLY CONNECTED WITH PRODUCTION OF UNRELATED BUSINESS INCOME

STATEMENT 3

DESCRIPTION	ACTIVITY NUMBER	AMOUNT	TOTAL
ONLINE PUBLICATIONS		37,791,801.	
- SUBTOTAL -	1		37,791,801.
TOTAL OF FORM 990-T, SCHEDULE I, COLUMN 6			37,791,801.

Underpayment of Estimated Tax by Corporations

Department of the Treasury
Internal Revenue Service

▶ Attach to the corporation's tax return.

FORM 990-T

▶ Go to www.irs.gov/Form2220 for instructions and the latest information.

2018

Name PUBLIC LIBRARY OF SCIENCE	Employer identification number 68-0492065
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Note: Generally, the corporation is not required to file Form 2220 (see Part II below for exceptions) because the IRS will figure any penalty owed and bill the corporation. However, the corporation may still use Form 2220 to figure the penalty. If so, enter the amount from page 2, line 38, on the estimated tax penalty line of the corporation's income tax return, but **do not** attach Form 2220.

Part I Required Annual Payment

1 Total tax (see instructions)	1	23,346.
2 a Personal holding company tax (Schedule PH (Form 1120), line 26) included on line 1	2a	
b Look-back interest included on line 1 under section 460(b)(2) for completed long-term contracts or section 167(g) for depreciation under the income forecast method	2b	
c Credit for federal tax paid on fuels (see instructions)	2c	
d Total. Add lines 2a through 2c	2d	
3 Subtract line 2d from line 1. If the result is less than \$500, do not complete or file this form. The corporation does not owe the penalty	3	23,346.
4 Enter the tax shown on the corporation's 2017 income tax return. See instructions. Caution: If the tax is zero or the tax year was for less than 12 months, skip this line and enter the amount from line 3 on line 5	4	
5 Required annual payment. Enter the smaller of line 3 or line 4. If the corporation is required to skip line 4, enter the amount from line 3	5	23,346.

Part II Reasons for Filing - Check the boxes below that apply. If any boxes are checked, the corporation **must** file Form 2220 even if it does not owe a penalty. See instructions.

- 6 The corporation is using the adjusted seasonal installment method.
- 7 The corporation is using the annualized income installment method.
- 8 The corporation is a "large corporation" figuring its first required installment based on the prior year's tax.

Part III Figuring the Underpayment

	(a)	(b)	(c)	(d)	
9 Installment due dates. Enter in columns (a) through (d) the 15th day of the 4th (Form 990-PF filers: Use 5th month), 6th, 9th, and 12th months of the corporation's tax year	9	04/15/18	06/15/18	09/15/18	12/15/18
10 Required installments. If the box on line 6 and/or line 7 above is checked, enter the amounts from Sch A, line 38. If the box on line 8 (but not 6 or 7) is checked, see instructions for the amounts to enter. If none of these boxes are checked, enter 25% (0.25) of line 5 above in each column	10	5,837.	5,836.	5,837.	5,836.
11 Estimated tax paid or credited for each period. For column (a) only, enter the amount from line 11 on line 15. See instructions	11	13,196.			23,337.
Complete lines 12 through 18 of one column before going to the next column.					
12 Enter amount, if any, from line 18 of the preceding column	12		7,359.	1,523.	
13 Add lines 11 and 12	13		7,359.	1,523.	23,337.
14 Add amounts on lines 16 and 17 of the preceding column	14				4,314.
15 Subtract line 14 from line 13. If zero or less, enter -0-	15	13,196.	7,359.	1,523.	19,023.
16 If the amount on line 15 is zero, subtract line 13 from line 14. Otherwise, enter -0-	16		0.	0.	
17 Underpayment. If line 15 is less than or equal to line 10, subtract line 15 from line 10. Then go to line 12 of the next column. Otherwise, go to line 18	17			4,314.	
18 Overpayment. If line 10 is less than line 15, subtract line 10 from line 15. Then go to line 12 of the next column	18	7,359.	1,523.		

Go to Part IV on page 2 to figure the penalty. Do not go to Part IV if there are no entries on line 17 - no penalty is owed.

LHA For Paperwork Reduction Act Notice, see separate instructions.

Part IV Figuring the Penalty

	(a)	(b)	(c)	(d)
19 Enter the date of payment or the 15th day of the 4th month after the close of the tax year, whichever is earlier. (C corporations with tax years ending June 30 and S corporations: Use 3rd month instead of 4th month. Form 990-PF and Form 990-T filers: Use 5th month instead of 4th month.) See instructions	19			
20 Number of days from due date of installment on line 9 to the date shown on line 19	20			
21 Number of days on line 20 after 4/15/2018 and before 7/1/2018	21			
22 Underpayment on line 17 x $\frac{\text{Number of days on line 21} \times 5\% (0.05)}{365}$	22	\$	\$	\$
23 Number of days on line 20 after 06/30/2018 and before 10/1/2018	23			
24 Underpayment on line 17 x $\frac{\text{Number of days on line 23} \times 5\% (0.05)}{365}$	24	\$	\$	\$
25 Number of days on line 20 after 9/30/2018 and before 1/1/2019	25			
26 Underpayment on line 17 x $\frac{\text{Number of days on line 25} \times 5\% (0.05)}{365}$	26	\$	\$	\$
27 Number of days on line 20 after 12/31/2018 and before 4/1/2019	27	SEE ATTACHED WORKSHEET		
28 Underpayment on line 17 x $\frac{\text{Number of days on line 27} \times 6\% (0.06)}{365}$	28	\$	\$	\$
29 Number of days on line 20 after 3/31/2019 and before 7/1/2019	29			
30 Underpayment on line 17 x $\frac{\text{Number of days on line 29} \times \%}{365}$	30	\$	\$	\$
31 Number of days on line 20 after 6/30/2019 and before 10/1/2019	31			
32 Underpayment on line 17 x $\frac{\text{Number of days on line 31} \times \%}{365}$	32	\$	\$	\$
33 Number of days on line 20 after 9/30/2019 and before 1/1/2020	33			
34 Underpayment on line 17 x $\frac{\text{Number of days on line 33} \times \%}{365}$	34	\$	\$	\$
35 Number of days on line 20 after 12/31/2019 and before 3/16/2020	35			
36 Underpayment on line 17 x $\frac{\text{Number of days on line 35} \times \%}{366}$	36	\$	\$	\$
37 Add lines 22, 24, 26, 28, 30, 32, 34, and 36	37	\$	\$	\$
38 Penalty. Add columns (a) through (d) of line 37. Enter the total here and on Form 1120, line 34; or the comparable line for other income tax returns	38			\$ 54.

* Use the penalty interest rate for each calendar quarter, which the IRS will determine during the first month in the preceding quarter. These rates are published quarterly in an IRS News Release and in a revenue ruling in the Internal Revenue Bulletin. To obtain this information on the Internet, access the IRS website at www.irs.gov. You can also call 1-800-829-4933 to get interest rate information.

FORM 990-T
UNDERPAYMENT OF ESTIMATED TAX WORKSHEET

Name(s) PUBLIC LIBRARY OF SCIENCE					Identifying Number 68-0492065
(A) *Date	(B) Amount	(C) Adjusted Balance Due	(D) Number Days Balance Due	(E) Daily Penalty Rate	(F) Penalty
		-0-			
04/15/18	5,837.	5,837.			
04/15/18	-13,196.	-7,359.			
06/15/18	5,836.	-1,523.			
09/15/18	5,837.	4,314.	91	.000136986	54.
12/15/18	5,836.	10,150.			
12/15/18	-23,337.	-13,187.			
12/31/18	0.	-13,187.	135	.000164384	

Penalty Due (Sum of Column F). 54.

* Date of estimated tax payment, withholding credit date or installment due date.

FORM 990-T
UNDERPAYMENT OF ESTIMATED TAX WORKSHEET

Name(s)					Identifying Number
PUBLIC LIBRARY OF SCIENCE					68-0492065
(A) *Date	(B) Amount	(C) Adjusted Balance Due	(D) Number Days Balance Due	(E) Daily Penalty Rate	(F) Penalty
		-0-			
04/15/18	5,837.	5,837.			
04/15/18	-13,196.	-7,359.			
06/15/18	5,836.	-1,523.			
09/15/18	5,837.	4,314.	91	.000136986	54.
12/15/18	5,836.	10,150.			
12/15/18	-23,337.	-13,187.			
12/31/18	0.	-13,187.	135	.000164384	

Penalty Due (Sum of Column F).

* Date of estimated tax payment, withholding credit date or installment due date.