Exhibit A

FDP Cost Reimbursement Subaward								
Federal Awarding Agency: Other PHS [Type in Agency]								
Pass-Through Entity (PTE):	Subrecipient:							
The Curators of the University of Missouri on behalf of the University of Missouri - St. Louis	City of Columbia on behalf of the Columbia/Boone County Public Health and Human Services Department							
PTE PI: Rachel Winograd	Sub PI: Michelle Shikles							
PTE Federal Award No: H79TI082515	Subaward No: 00076793-4							
Project Title: First Responders-Comprehensive Addiction and F	ecovery Act for Missouri (YEAR 3)							
Subaward Period of Performance (Budget Period): Start: 09/30/2021 End: 09/29/2022	Amount Funded This Action (USD): \$14,112.00							
Estimated Project Period (if incrementally funded): Start: 09/30/2021 End: 09/29/2022	Incrementally Estimated Total (USD): \$							
Terms and	Conditions							
	ermined by 2 CFR 200.330), to Subrecipient. The Statement of Work 5. In its performance of Subaward work, Subrecipient shall be an							
incurred. Upon the receipt of proper invoices, the PTE agree CFR 200.305. All invoices shall be submitted using Subrec cumulative costs (including cost sharing), breakdown by m 2 CFR 200.415(a). Invoices that do not reference PTE Sub	2. Subrecipient shall submit invoices not more often than monthly and not less frequently than quarterly for allowable costs incurred. Upon the receipt of proper invoices, the PTE agrees to process payments in accordance with this Subaward and 2 CFR 200.305. All invoices shall be submitted using Subrecipient's standard invoice, but at a minimum shall include current and cumulative costs (including cost sharing), breakdown by major cost category, Subaward number, and certification, as required in 2 CFR 200.415(a). Invoices that do not reference PTE Subaward number shall be returned to Subrecipient. Invoices and questions concerning invoice receipt or payments shall be directed to the party's Financial Contact, shown in							
The final statement of costs shall constitute Subrecipient's	nt 3A, not later than 60 days after the Budget Period end date.							
4. All payments shall be considered provisional and are subje adjustment is necessary as a result of an adverse audit find	ct to adjustment within the total estimated cost in the event such ling against the Subrecipient.							
5. Matters concerning the technical performance of this Suba as shown in Attachments 3A and 3B. Technical reports are	ward shall be directed to the appropriate party's Principal Investigator required as shown in Attachment 4.							
any changes requiring prior approval, shall be directed to the	the sin the terms, conditions, or amounts cited in this Subaward, and the PTE's Authorized Official Contact and the Subrecipient's 3A and 3B. Any such change made to this Subaward requires the on in Attachments 3A and 3B. City Council.							
7. The PTE may issue non-substantive changes to the Period modification shall be considered valid 14 days after receipt	of Performance and budget Bilaterally . Unilateral							
8. Each party shall be responsible for its negligent acts or om or directors, to the extent allowed by law. Nothing herein sha	issions and the negligent acts or omissions of its employees, officers, Il constitute a waiver of sovereign immunity.							
9. Either party may terminate this Subaward with 30 days written notice. PTE notice shall be directed to the Authorized Official Contact, and Subrecipient notice shall be directed to the Authorized Official Contact as shown in Attachments 3A and 3B. PTE shall pay Subrecipient for termination costs as allowable under Uniform Guidance, 2 CFR 200, or 45 CFR Part 75 Appendix IX, as applicable.								
10. By signing this Subaward, including the attachments hereto which are hereby incorporated by reference, Subrecipient certifies that it will perform the Statement of Work in accordance with the terms and conditions of this Subaward and the applicable terms of the Federal Award, including the appropriate Research Terms and Conditions ("RTCs") of the Federal Awarding Agency, as referenced in Attachment 2. The parties further agree that they intend this Subaward to comply with all applicable laws, regulations, and requirements.								
By an Authorized Official of the PTE:	By an Authorized Official of the Subrecipient:							
·								
Name: Christopher D. Spilling Date	Name: De'Carlon Seewood Date							
Title: Vice Chancellor for Research	Title: City Manager Approved as to form:							

E S

Attachment 1 Certifications and Assurances

Subaward Number:

00076793-4

Certification Regarding Lobbying (2 CFR 200.450)

By signing this Subaward, the Subrecipient Authorized Official certifies, to the best of his/her knowledge and belief, that no Federal appropriated funds have been paid or will be paid, by or on behalf of the Subrecipient, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement in accordance with 2 CFR 200.450.

If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or intending to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Subrecipient shall complete and submit Standard Form -LLL, "Disclosure Form to Report Lobbying," to the PTE.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Debarment, Suspension, and Other Responsibility Matters (2 CFR 200.213 and 2 CFR 180)

By signing this Subaward, the Subrecipient Authorized Official certifies, to the best of his/her knowledge and belief that neither the Subrecipient nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency, in accordance with 2 CFR 200.213 and 2 CFR 180.

Audit and Access to Records

Per 2 CFR 200.501- 200.521, Subrecipient certifies that it will provide notice of any adverse findings which impact this Subaward and will provide access to records as required by parts 2 CFR 200.336, 200.337, and 200.201 as applicable. If Subrecipient is not subject to the Single Audit Act, then Subrecipient will provide notice of the completion of any required audits and provide access to such audits upon request.

Program for Enhancement of Contractor Employee Protections (41 U.S.C 4712)

Subrecipient is hereby notified that they are required to: inform their employees working on any federal award that they are subject to the whistleblower rights and remedies of the program; inform their employees in writing of employee whistleblower protections under 41 U.S.C §4712 in the predominant native language of the workforce; and include such requirements in any agreement made with a subcontractor or subgrantee.

The Subrecipient shall require that the language of the certifications above in this Attachment 1 be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

Use of Name

Neither party shall use the other party's name, trademarks, or other logos in any publicity, advertising, or news release without the prior written approval of an authorized representative of that party. The parties agree that each party may use factual information regarding the existence and purpose of the relationship that is the subject of this Subaward for legitimate business purposes, to satisfy any reporting and funding obligations, or as required by applicable law or regulation without written permission from the other party. In any such statement, the relationship of the parties shall be accurately and appropriately described.

Attachment 2

Subaward Number

	Federal Award Terms a	00076793-4		
Required Data Elements		Awarding Ag	ency Institute (If /	Applicable)
The data elements required by Uni	form	SAMHSA via Missou	ri Department of Menta	ıl Health
Guidance are incorporated as enter		Federal Award Issu	ue Date FAIN	CFDA No.
		09/11/19	H79TI082515	93.243
This Subaward Is:			CFDA Title	
		Substance Abuse and Mental	Health Services_Projects of Reg	gional and National Significance
Research & Development	Subject to FFATA	Ke	ey Personnel Per	NOA
General Terms and Conditions	· · · · · · · · · · · · · · · · · · ·	····		·
By signing this Subaward, Subrecipient a	arees to the followina:			
 To abide by the conditions on activit applicable to this Subaward to the ex Awarding Agency's website: 	ies and restrictions on expenditure			
https://www.samhsa.gov/				
2. 2 CFR 200				
3. The Federal Awarding Agency's gra performance or as amended found a		enda in effect as of the be	eginning date of the	period of
https://www.samhsa.gov/grants/grants-ma				
4. Research Terms and Conditions, inc	cluding any Federal Awarding Age	ency's Specific Requireme	ents found at:	
https://www.samhsa.gov/grants/grants-mai	nagement/policies-regulations/additional-	directives	e	xcept for the following :
 change. b. Any payment mechanisms and fi Conditions and Agency-Specific c. Any prior approvals are to be sound. Title to equipment as defined in 2 	act shown in Attachment 3A, not le inancial reporting requirements de Requirements are replaced with T ught from the PTE and not the Feo 2 CFR 200.33 that is purchased or rogram, shall vest in the Subrecipi or a change in Subrecipient PI or cl	ess than 30 days prior to the scribed in the applicable of the applicable of the sand Conditions (1) the sand Awarding Agency. If the fabricated with research the subject to the conditional subject to the conditional subject to the subject to the subject to the subject to the sand sand sand sand sand sand sand sand	the desired effective Federal Awarding A hrough (4) of this S funds or Subrecipie ons specified in 2 C	e date of the requested gency Terms and ubaward; and ent cost sharing funds, FR 200.313.
Special Terms and Conditions:	· · · · · · · · · · · · · · · · · · ·			
Data Sharing and Access: Subrecipient agrees to comply with th or the Federal Awarding Agency's sta No additional requirements	ne Federal Awarding Agency's dat andard terms and conditions as ref	a sharing and/or access r ferenced in General Term	equirements as refl is and Conditions 1	ected in the NOA -4 above.
Data Rights: Subrecipient grants to PTE the right t extent required to meet PTE's obligat	o use data created in the performations to the Federal Government u	ance of this Subaward so nder its PTE Federal Awa	lely for the purpose ard.	of and only to the
Copyrights: Subrecipient Shall Grant to PTE reproduce, make derivative works, di software and its documentation and/o only to the extent required to meet P	or databases) first developed and (pyrights or copyrighted m delivered under this Suba	naterial (including an ward solely for the	ny computer
Subrecipient grants to PTE the right t purpose of and only to the extent req	uired to meet PTE's obligations to	s and deliverables created the Federal Government	1 under this Subawa under its Federal A	ard solely for the ward.
Promoting Objectivity in Research Subrecipient must designate herein w	which entity's Financial Conflicts of			
If applying its own COI policy, by exe the relevant Federal Awarding Agenc	cution of this Subaward, Subrecipi y as identified herein: 42 CFR pa	ient certifies that its policy rt 50, subpart F	complies with the	requirements of

Subrecipient shall report any financial conflict of interest to PTE's Administrative Representative or COI contact, as designated on Attachment 3A. Any financial conflicts of interest identified shall, when applicable, subsequently be reported to Federal Awarding Agency. Such report shall be made before expenditure of funds authorized in this Subaward and within 45 days of any subsequently identified COI.

Work Involving Human or Vertebrate Animals (Select	Applicable	Options)
No Human or Vertebrate Animals	IRB	Not required for the following reason:
Human Subjects	PTE is acting as the sIRB	
Vertebrate Animals		
The PTE requires verification of IRB and/or IACUC approval be	e sent to the	Administrative Contact as required above:
approved by the appropriate Institutional Review Board (IRB) a it will follow current and duly approved research protocols for al Subrecipient is using its own IRB and/or IACUC, Subrecipient of federal laws and regulations. The Subrecipient certifies that any	Ind/or its Instit Il periods of th certifies that it y submitted IF o event shall s	esearch protocol conducted under this Subaward shall be reviewed and itutional Animal Care and Use Committee (IACUC), as applicable and that he Subaward involving human and/or vertebrate animal research. If ts IRB and/or IACUC are in full compliance with applicable state and RB/IACUC approval represents a valid, approved protocol that is entirely Subrecipient invoice or be reimbursed for any human or vertebrate animals roval is not properly in place.
Human Subjects Data (Select One) Not Applicable		
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Additional Terms

This is a 2nd tier subcontract. SAMSHA funding via Missouri Department of Mental Health.

Attachment 3A

Subaward Number:

00076793-4

Pass-Through Entity (PTE) Contacts

PTE Information								
Entity Name:	The Curators of the University of Missouri on behalf of the University of Missouri - St. Louis							
Legal Address:	University of Missouri - St. Louis One University Blvd, 341 Woods Hall St. Louis, MO 63121-4400							
Website:	umsl.edu							
PTE Contacts								
Central Emai	ora@umsl.edu							
Principal Investig	ator Name: Rachel Winograd							
Email:	rachel.winograd@umsl.edu Telephone Number: 314-516-							
Administrative Co	ntact Name: Melissa Laurenti							
	laurentim@umsl.edu Telephone Number: 314-516-5894							
COI Contact ema	l (if different to above): danielle.hunter@umsl.edu							
Financial Contact	Name: Monica Pasch							
Email:	meyersml@umsl.edu Telephone Number: 314-516-5893							
Email invoices?	Yes No Invoice email (if different):							
Authorized Officia	Name: Christopher D. Spilling							
Email:	ora@umsl.edu Telephone Number: 314-516-5899							
PI Address:								
	University of Missouri - St. Louis							
	One University Blvd							
	St. Louis, MO 63121							
Administrative A	ddress:							
	University of Missouri - St. Louis One University Blvd, 341 Woods Hall St. Louis, MO 63121							
Invoice Address								
	University of Missouri- St. Louis AR PO Box 808008 Kansas City, MO 64180-8008							

Attachment 3B

Subaward Number:

Subrecipient Contacts

00076793-4

	•		FATA reporting	Columbia/Ro	ono County Pi	ublic Health	8 Human Service	e Donartmont
EIN No.:			Institution Typ		Municipality			
DUNS: 071989024			Exempt from r				Yes No (if no,	complete 3Bpg2)
Parent				for U.S. Entiti		Code Log		
Place of	of Performand	e Address	Congression	al District:		Zip Code+	-4:	
		1005 W V PO Box 6 Columbia	•					
Subre	ecipient Cor	ntacts					•	
	Central	Email:	HumanServices@Co	Mo.gov			·	
	Website	e :	https://www.como.gc	w/health/			· .	
Princi	pal Investiga	itor Name:	Michelle Shikles					
	Email:	Michelle.SI	nikles@como.gov		Telephone	Number:	573.874.6331	, ,
Admin	istrative Cor	ntact Name:						
	Email:				Telephone	Number:		
Finan	cial Contact	Name:						
	Email:				Telephone	Number:		
Invo	oice/Paymen	t Email:						
Autho	rized Officia	Name:	Stephanie Browning					
	Email:	Stephanie.	browning@como.gov	•	Telephone N	Number:	573-874-7343	
Legal	Address:					· .		
	1005 W We PO Box 60 Columbia,	15						
Admi	nistrative A	ddress:						
	1005 W W PO Box 60 Columbia,	15					•	
l.	ent Address				•			
						•		
	1005 W W PO Box 60 Columbia,)15	3					· · · ·
E					-			-

Attachment 3B-2

Subaward Number:

00076793-4

Highest Compensated Officers

Subrecipient:	
nstitution Name:	City of Columbia on behalf of the Columbia/Boone County Public Health and Human Services Department
PI Name:	Michelle Shikles

Highest Compensated Officers

The names and total compensation of the five most highly compensated officers of the entity(ies) must be listed if the entity in the preceding fiscal year received 80 percent or more of its annual gross revenues in Federal awards; and \$25,000,000 or more in annual gross revenues from Federal awards; and the public does not have access to this information about the compensation of the senior executives of the entity through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. §§ 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. See FFATA § 2(b)(1) Internal Revenue Code of 1986.

Officer 1 Name:					
Officer 1 Compens	ation:			 ·	
Officer 2 Name:			·		
Officer 2 Compens	ation:		 		
Officer 3 Name:				 	
Officer 3 Compens	ation:				
Officer 4 Name:		 · · · · · · · · · · · · · · · · · · ·			
Officer 4 Compens	ation:				
Officer 5 Name:					
Officer 5 Compensi	ation:			 	

Attachment 4	
Reporting and Prior Approval Terms	\$

Subaward Number:

1	0	0	0	7	6	7	9	3	-4

Subrecipient agrees to submit the following reports (PTE contacts are identified in Attachment 3A):
Technical Reports:
Monthly technical/progress reports will be submitted to the PTE's Principal Investigator within 30 days of of the end of the month.
Quarterly technical/progress reports will be submitted within 30 days after the end of each project quarter to the PTE's Administrative Contact
Annual technical / progress reports will be submitted within 15 days prior to the end of each budget period to the PTE's Principal Investigator. Such report shall also include a detailed budget for the next Budget Period, updated other support for key personnel, certification of appropriate education in the conduct of human subject research of any new key personnel, and annual IRB or IACUC approval, if applicable.
A Final technical/progress report will be submitted to the PTE's Principal Investigator within 60 days of the end of the Project Period or after termination of this award, whichever comes first.
Technical/progress reports on the project as may be required by PTE's Administrative Contact in order for the PTE to satisfy its reporting obligations to the Federal Awarding Agency.
Prior Approvals:
Carryover: Carryover is restricted for this subaward by the: Submit carryover requests to the Administrative Contact
Other Reports:
In accordance with 37 CFR 401.14, Subrecipient agrees to notify both the Federal Awarding Agency via iEdison and PTE's Authorized Official within 60 days after Subrecipient's inventor discloses invention(s) in writing to Subrecipient's personnel responsible for patent matters. The Subrecipient will submit a final invention report using Federal Awarding Agency specific forms to the PTE's Administrative Contact within 60 days of the end of the Project Period to be included as part of the PTE's final invention report to the Federal Awarding Agency. A negative report is required: Upon Request
Property Inventory Report (only when required by Federal Awarding Agency), specific requirements below.
Additional Technical and Reporting Requirements:
Missouri Department of Mental Health (prime awardee) may require additional reporting and or detail for invoices. Subrecipient will provide information as needed or requested from the PTE for the prime awardee.

Attachment 5

Statement of Work, Cost Sharing, Indirects & Budget

Subaward Number: 00076793-4

Statement of Work



If award is FFATA eligible and SOW exceeds 4000 characters, include a Subrecipient Federal Award Project Description

City of Columbia/Boone County Public Health and Human Services Department (PHHS) has expertise in their local context and with demonstrated connections first responder entities and other key stakeholders. PHHS will assist with coordinating planning sessions, will identify geographic hotspots of overdose activity, and will delegate a training liaison to participate in the SHIELD training in Boone County. PHHS will support the development of collaborative relationships between UMSL-MIMH and local first responder entities. PHHS will assist with collecting and compiling de-identified overdose data from local law enforcement agencies, ambulance districts, and the medical examiner's office to share with the UMSL-MIMH evaluation team as needed. Sharing any protected health information may require a business associate agreement.

	Budget Informa	ation
Indirect Information Indirect Cost Rate (IDC	C) Applied 0 %	Cost Sharing No
Rate Type: Modified Total Direct Costs		If Yes, include Amount: \$
Budget Details	Attached, pages	_
		Budget Totals
		Direct Costs \$ 14,112.00
		Indirect Costs \$ 0.00
		Total Costs \$ 14,112.00
		All amounts are in United States Dollars

Attachment 6

Notice of Award (NOA) and any additional documents

The following pages include the NOA and if applicable any additional documentation referenced throughout this Subaward.



Not incorporating the NOA or any additional documentation to this Subaward.