



**Office of Management and Budget
Division of Purchasing
Non-Competitive Contract Request Form**

Department	LMPHW	Department Contact	Briana Lyddane
Contact Email	briana.lyddane@louisvilleky.gov	Contact Phone	502-574-6690

Contract Type: check one	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Amendment		
		Additional Funds	Time Extension	Scope
Professional Service	<input checked="" type="checkbox"/>			
Sole Source (goods/services)				
	Start	End		
Requested Contract Dates (MM/DD/YYYY)	08/01/2020	07/31/2021		

VENDOR INFORMATION

Vendor Legal Name	University of Louisville on behalf of its School of Public Health and Information Sciences			
DBA				
Point of Contact	Tina Hembree	Email	tina.hembree@louisvilleky.gov	
Street	323 E Chestnut Street			
Suite/Floor/Apt	208	Phone	502-852-7881	
City	Louisville	State	KY	Zip Code 40202
Federal Tax ID#		SSN# (if sole proprietor)		
Louisville Revenue Commission Account #				
Human Relations Commission Certified Vendors	Certified Minority Owned Business	Certified Woman Owned business	Disabled Owned business	
Select if applicable				

FINANCIAL INFORMATION

Not to Exceed Contract Amount	\$123,077	(including reimbursement expenses, if applicable)			
Fund Source: General Fund	<input checked="" type="checkbox"/>				
Federal Grant		Federal Granting Agency			
Other		Describe:			
Account Code String #	<input type="checkbox"/> 1101	<input type="checkbox"/> 605	<input type="checkbox"/> 4110	<input type="checkbox"/> 411658	<input type="checkbox"/> 521301
Payment Rate	\$10,256.6	per hour	per day	per service	
		per month	Other		
Payment Frequency	<input checked="" type="checkbox"/>	Monthly	Upon Completion / Delivery		
		Quarterly	Other		

R-106-20

Curriculum Vitae

Sarah S. Moyer, M.D., M.P.H.

(c) (719)-660-9919
sarah.s.moyer@gmail.com

EDUCATION

May 2010 Temple University School of Medicine
Philadelphia, PA, Doctor of Medicine

June 2006 Dartmouth College, Center for Evaluative Clinical Sciences
Hanover, NH, Masters of Public Health, with Honors

May 2004 The Colorado College
Colorado Springs, CO, Bachelor of Arts in Physics, Cum Laude

POST GRADUATE EDUCATION AND TRAINING

June 2013 Wake Forest School of Medicine,
Winston-Salem, Family Medicine Residency

ACADEMIC APPOINTMENTS

August 2017- Present University of Louisville School of Public Health and Information Sciences,
Department of Health Management and System Sciences
Assistant Professor, Louisville, KY

August 2013-Present University of Louisville School of Medicine, Department of Family and
Geriatric Medicine
Assistant Professor, Louisville, KY

OTHER POSITIONS AND EXPERIENCE

August 2017 - Present Louisville Metro Public Health and Wellness
Director, Chief Health Strategist, Louisville, KY

January 2015-July 2017 Louisville Metro Public Health and Wellness
Medical Director of Clinical Services, Louisville, KY

January 2015-April 2016 Louisville Metro Public Health and Wellness
Interim Director, Louisville, KY

January 2013 Peruvian American Medical Society Chinchá Mission
Family Physician, Chinchá, Peru

March 2012 Partners in Hope, HIV Clinic and Inpatient Ward
Family Physician, Lilongwe, Malawi

January 2012 - 2013 Wake Forest Baptist Health

Foundation Resident Trustee
Winter Physicians Weekend Travel Scholarship

2012 Family Medicine Congressional Conference
Association of Family Medicine Residency Directors
Resident Scholarship

2010 Philadelphia Academy of Family Physicians Memorial Award
Excellence in Family Medicine

BOARD AND COMMITTEE MEMBERSHIPS

State Level

2018 – Present Commissioner's Advisory Committee – Kentucky Department of Public Health

2017- 2018 Performance Measure Alignment Committee – Cabinet for Health and Family Services and Kentuckiana Health Collaborative
Behavior Health Subcommittee Chair

2017 - Present State Health Improvement Plan (SHIP) Tobacco Workgroup

2015 Harm Reduction and Syringe Exchange Taskforce
Kentucky Department of Public Health

2005 – 2008 Pennsylvania Academy of Family Physicians
Health Policy Committee – Student Representative, 2007/08
Government and Legal Affairs Committee – Student Representative, 2008/09

Regional

2018 – Present United Community
Co-Chair

2017 – Present Community Action Partnership Board
Board Member

2017 – Present Kentucky Science Center
Board Member

2015- Present Greater Louisville Medical Society
Board of Governors, Ex-officio member
Nominating Committee member

2015 - Present Louisville Health Advisory Board – Humana's Bold Moves Initiative
Co-Chair

2015 - Present Louisville Primary Care Association
Treasurer, 2018- Present
Chairwoman, 2017
Secretary, 2016
Vice Chair, 2015

2005 – 2008 Temple CARES (medical student-run clinic)
Community Education Leader, 2007/08

Dartmouth College

2005 – 2006 Student Government
Public Health Representative
International Health Committee Co-Leader

EDUCATIONAL ACTIVITIES

Teaching Activities

2016 – Present Resident coordinator for the community health rotation

2015 - Present Third year clerkship preceptor at Louisville Metro
Public Health & Wellness

2013 – 2017 Resident preceptor at Teenage Parent Program clinic, 2
half days/month

2013 – 2015 Hospital service attending with supervision of family
medicine residents and 4th year medical students, 6
weeks/year

2014 Family Medicine Residency Core Faculty

2013 – 2014 Third year clerkship preceptor, 7 half days/week

2013 – 2014, 2017 Resident preceptor, Cardinal Station Clinic, 2 half
days/week

Advising

2017 – 2018 Global Health Scholar
Cecily Kennedy

2016 – 2017 Syringe exchange research
Candace Wooten

2016 - Present Health and Social Justice Scholars Mentor
Mallika Sabharwal

2014 - Present Family Medicine Interest Group Faculty Advisor
University of Louisville

2014 Faculty advisor to two family medicine residents,
University of Louisville

Grand Rounds and Lectures

“Health in all policies, what does that actually mean?” University of Louisville, School of Public Health and
Information Sciences, January 2019

“Health Equity in Louisville and the 2018 Community Needs Assessment Results,” Bellarmine University
October 2018.

“Spirituality, Religion and Medicine,” Wake Forest Family Medicine Grand Rounds 2012.

“We Will Not Let the Best be the Enemy of the Good – HIV in resource poor setting,” Wake Forest Family Medicine Grand Rounds, 2012.

“Reduced Lung-Cancer Mortality with Low-Dose CT Screening,” Wake Forest Family Medicine Journal Club, 2011.

CLINICAL ACTIVITIES

2015 – 2017 Center for Primary Care, Department of Family and Geriatric Medicine, half day/week

2013 – 2015 Inpatient Attending, Department of Family and Geriatric Medicine, six weeks/year

2013 – 2014 Cardinal Station, Department of Family and Geriatric Medicine, nine half days/week

GRANTS AND CONTRACTS

Current

June 2019 The U.S. Department of Agriculture Farmer’s Market Program \$251,653

June 2019 Kentucky Department of Public Health KORE (Kentucky Opioid Response Effort) Harm Reduction Grant \$16,000

April 2019 The U.S. Department of Health and Human Services, Health Resources and Services Administration Healthy Start H49MC07306-15-00 \$4,600,000 over 5 years

December 2018 Kentucky Department for Public Health Project B mini grants – Mobile Harm Reduction \$38,000

December 2018 National Center for Healthy Housing: 2019 Health in All Policies (Childhood Lead Poisoning Prevention) Mini-Grant \$20,000

December 2018 Kentucky Department for Public Health Project A – Opioid Overdose Crisis Funding \$46,000

August 2018 Humana Foundation FY19 Grant Cycle \$100,000

April 2018 Administration for Community Living, The Senior Medicare Patrol \$288,445

Past

November 2017 The U.S. Department of Health and Human Services, Health Resources and Services Administration Healthy Start (continuation) H46MC07306-10-02 \$1,080,000

August 2017 Healthies Cities & Counties Challenge – Interim Awards (with Metro Parks) \$50,000

- November 2018 "Advancing Health Equity through Accreditation" American Public Health Association Annual Meeting, San Diego, CA
- November 2018 "Restructuring a Local Health Department to More Effectively Address Health Equity" American Public Health Association Annual Meeting, San Diego, CA
- July 2018 "Advancing Health Equity Through Accreditation." National Association of City and County Health Officials Annual Meeting, New Orleans, LA
- July 2018 "Exploring Differences between Urban and Rural LHDs: Service Composition and Financing." National Association of City and County Health Officials Annual Meeting, New Orleans, LA.
- November 2017 "Revising a Smoke-free Law in a Community with Established Vape and Hookah Businesses." American Public Health Association Annual Meeting, Atlanta, GA
- July 2017 National Employee Well-Being Congress, "Stakeholder Views on Building a Well-Being Ecosystem." Alexandria, VA
Co-Panelist
- January 2017 "Resilience", Film Screening and Community Conversation, Louisville, KY
Moderator, Healthcare Panel
- September 2015 mHealth: "Mobilizing the Community," Louisville, KY
Expert Panelist
- August 2015 Humana Clinical Town Hall, "Population Health Panel," Louisville, KY
Expert Panelist
- August 2015 Norton Healthcare's 8th annual R. Dietz Wolfe, M.D.
Lectureship: "The Heroin Epidemic: The State of Affairs
in Kentucky," Louisville, KY
Expert Panelist
- April 2008 "It's Certainly Bigger than One Doc, One Patient, One Exam Room: Clinician Perceptions of the Barriers to Addressing Childhood Obesity in Rural Primary Care," Portland, OR
Presentation, Oregon Rural Practice-based Research Network Convocation

PUBLICATIONS

Posters

Moyer. S., Kerr, J., Saad, F., "Infant Mortality Rates in Louisville Metro Area, Kentucky: Inconsistent reporting significantly affects national rankings." American Public Health Association Annual Meeting and Expo, October 2016.

Moyer. S., Kerr, J., Saad, F., "Preliminary Successes with the Louisville, KY Metropolitan Department of Health and Wellness Syringe Exchange Program; Coordinating Health Policy, Community Engagement, and Health Services for Disease Prevention." American Public Health Association Annual Meeting and Expo, October 2016.

EXHIBIT 1

EXHIBIT 2

- Staff requirements and training

General Policies and Equipment

- Isolation precautions
- Latex allergies
- Incident reporting
- Guidelines for laboratory/radiology follow up
- Other direct care services
- Drug and device guidelines
- Drugs, devices, and equipment to have available
- Procedure for providing injectable drugs and immunobiologics
- Recommended route/site/needle size for injectables

Review and Signature/Date for Protocols

I have reviewed the following protocols contained within the Kentucky Public Health Practice Reference. These protocols are approved for use by the Louisville Metro Department of Public Health and Wellness. I understand that I will review these protocols at least annually, and that any changes, deviations, or additional protocols will be brought to my attention for approval before implementation.

Print Name	Sign Name	Date
------------	-----------	------

Protocol for:

- Blood lead levels and follow up
- Cardiovascular and diabetes screening
- Childhood lead poisoning prevention services
- Deferring physical exam for oral contraceptives or Depo Provera
- Drug monitoring for adults with disease (TB)
- Emergency contraceptive pills
- Family planning services
- Fluoride supplementation
- Grief counseling services
- HIV testing/counseling
- Lead management home visit
- Maternal serum screening
- Medical consultation/referral of the anti-partum/post-partum patient
- Medical emergencies
- Medical nutrition therapy
- Pregnancy test
- Rabies pre-exposure prophylaxis
- Rabies post-exposure prophylaxis
- Recommended accelerated immunizations schedule for infants and children less than 7 years of age
- Recommended immunization schedule for persons 7 years of age or greater not vaccinated at the recommend time in early infancy
- Recommended schedule for routine active immunization of infants and children
- Reducing preconception/prenatal HIV transmission
- Referral to first steps for evaluation and eligibility
- Routine and non-routine immunization
- Safety seat services
- Screening blood lead test
- Spacing live and killed antigen administration
- Tetanus prophylaxis and routine wound management
- Treating anaphylactic shock
- Treatment of common STDs
- Tuberculosis
- WIC certification
- WIC certification counseling
- WIC certification counseling for specific nutritional risk
- WIC follow up counseling

EXHIBIT 4

AGREEMENT

THIS PROFESSIONAL SERVICE CONTRACT, made and entered into by and between the **LOUISVILLE/JEFFERSON COUNTY METRO GOVERNMENT** , by and through its **DEPARTMENT OF PUBLIC HEALTH AND WELLNESS ("LMPHW")** and the **LOUISVILLE METRO BOARD OF HEALTH ("Board of Health" or "BOH")** herein referred to as "**METRO GOVERNMENT**", and the **UNIVERSITY OF LOUISVILLE ("UNIVERSITY")** by and through its **SCHOOL OF PUBLIC HEALTH AND INFORMATION SCIENCES ("ULPH")**, 485 East Gray Street, Louisville, KY 40202.

WITNESSETH:

WHEREAS, the Metro Government desires to employ a Director of Health ("Director") for LMPHW and the Board of Health; and

WHEREAS, the statutory and job requirements of the position mandate that Director be qualified as a public health administrator and be licensed to practice medicine or eligible to be licensed to practice medicine in the State of Kentucky; and

WHEREAS, ULPH has determined that it needs a faculty member with experience in public health administration who is qualified to work with the Metro Government and the Board of Health as Director; and

WHEREAS, the Metro Government, LMPHW, the Board of Health and ULPH have conducted a nationwide search for an individual who will meet the needs of all the parties and serve as Director; and

WHEREAS, Dr. Sarah S. Moyer is employed as a faculty member of ULPH pursuant to an employment contract (the "Employment Contract") and has the requisite qualifications and experience of a Director; and

WHEREAS, the parties desire to enter into a joint working arrangement for the services of Dr. Sarah S. Moyer as Director; and

WHEREAS, pursuant to K.R.S. 45A.380 the Metro Government has determined that competition is not feasible and that this Agreement is for the services of a professional; and

WHEREAS, University possesses the requisite experience and qualifications to provide the unique nature of the services desired by the Metro Government;

NOW, THEREFORE, it is agreed by and between the parties hereto as follows:

2. With regard to Director's responsibilities to ULPH, Director will be accountable to the appropriate Dean.

II. FEES AND COMPENSATION

A. The Metro Government shall contribute to ULPH one-half of Director's compensation under the Employment Contract to include fringe benefit costs, and shall provide payment to ULPH on a monthly basis after receipt of a detailed invoice from University. The Metro Government shall provide compensation to ULPH for the compensation of the Director in the amount of **TEN THOUSAND TWO HUNDRED FIFTY SIX DOLLARS AND FORTY-TWO CENTS (\$10,256.42)** per month not to exceed **ONE HUNDRED TWENTY-THREE THOUSAND SEVENTY SEVEN DOLLARS (\$123,077.00)** per year.

ULPH shall generate a University paycheck to Director. ULPH further agrees that Director shall receive all usual and ordinary faculty benefits including fringe benefits through University.

In the event that the Metro Government terminates this Agreement, the Metro Government shall not be responsible for any further contribution to ULPH for the ULPH employee and the employee shall no longer hold the Director position. ULPH shall then solely determine the employee's wage and duties.

In the event that ULPH terminates this Agreement or the Employment Contract, ULPH shall not be responsible for any further compensation of the employee; provided, however, the Metro Government shall then have the opportunity to hire the terminated ULPH employee. The Metro Government shall then solely determine the employee's wage and duties.

In the event that ULPH were to increase their portion of the Director's salary, that will in no way increase the obligation of Metro Government.

Total compensation payable by Metro Government under this Agreement shall not exceed **ONE HUNDRED TWENTY-THREE THOUSAND SEVENTY SEVEN DOLLARS (\$123,077.00)** per year.

B. The Metro Government shall not pay any out-of-pocket expenses under this Agreement.

C. University agrees that all outstanding invoices at the end of the fiscal year (June 30) must reach the Metro Government no later than July 15 of the following fiscal year. University agrees that original invoices that are not in Metro Government possession by this time will not be paid and University agrees to waive its right to payment for services billed under such invoices.

III. DURATION

University shall maintain during the course of the work, and retain not less than five years from the date of final payment on the contract, complete and accurate records of all of University's costs which are chargeable to the Metro Government under this Agreement.

VI. DEFENSE AND INDEMNITY

If a claim for money damages is brought against the Director, the Metro Government agrees to defend and indemnify her as if she were a Metro employee covered by KRS 65.200-.2006 and Louisville Metro Codified Ordinances Sections 35.180-35.183.

VII. REPORTING OF INCOME

The compensation payable under this Agreement may be subject to federal, state and local taxation. Regulations of the Internal Revenue Service require the Metro Government to report all amounts in excess of \$600.00 paid to non-corporate contractors. University agrees to furnish the Metro Government with its taxpayer identification number (TIN) prior to the effective date of this Agreement. University further agrees to provide such other information to the Metro Government as may be required by the IRS or the State Department of Revenue.

VIII. GOVERNING LAW

This Agreement shall be governed by and construed in accordance with the laws of the State of Kentucky. In the event of any proceedings regarding this Agreement, the Parties agree that the venue shall be Franklin Circuit Court, Frankfort, Kentucky.. All parties expressly consent to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to this Agreement or any rights or obligations arising thereunder. Service of process may be accomplished by following the procedures prescribed by law.

IX. AUTHORITY

The University, by execution of this Agreement, does hereby certify and represent that it is qualified to do business in the State of Kentucky, has full right, power and authority to enter into this Agreement.

contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

(4) The prohibition against conflicts of interest and gratuities and kickbacks shall be conspicuously set forth in every local public agency written contract and solicitation therefor.

(5) It shall be a breach of ethical standards for any public employee or former employee knowingly to use confidential information for his actual or anticipated personal gain, or the actual or anticipated personal gain of any other person.

XI. ENTIRE AGREEMENT

This Agreement constitutes the entire agreement and understanding of the parties with respect to the subject matter set forth herein and this Agreement supersedes any and all prior and contemporaneous oral or written agreements or understandings between the parties relative thereto. No representation, promise, inducement, or statement of intention has been made by the parties that is not embodied in this Agreement. This Agreement cannot be amended, modified, or supplemented in any respect except by a subsequent written agreement duly executed by all of the parties hereto.

XII. SUCCESSORS

This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, successors and assigns.

XIII. SEVERABILITY

If any court of competent jurisdiction holds any provision of this Agreement unenforceable, such provision shall be modified to the extent required to make it enforceable, consistent with the spirit and intent of this Agreement. If such a provision cannot be so modified, the provision shall be deemed separable from the remaining provisions of this Agreement and shall not affect any other provision hereunder.

XIV. COUNTERPARTS

Agreement that contains substantially the same terms as the Metro Government's Business Associate Agreement.

The Metro Government and University agree to comply with Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et. seq.*) and all implementing regulations and executive orders, and section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 701) and the Kentucky Equal Employment Act of 1978 (K.R.S. § 45.550 to 45.640) and the Americans with Disabilities Act (42 U.S.C. § 12101 *et. seq.*). No person shall be excluded from participation in, be denied the benefits of, or be subject to discrimination in relation to activities carried out under this Agreement on the basis of race, color, age, religion, sex, disability or national origin. This includes provision of language assistance services to individuals of limited English proficiency seeking and/or eligible for services under this Agreement.

University nor any of its employees or personnel shall speak on behalf of or as a representative of the Metro Government or the Department of Public Health and Wellness without the express authorization of the Director of that Department or his designee.

The University shall reveal any final determination of a violation by the University or subcontractor within the previous five (5) year period pursuant to KRS Chapters 136, 139, 141, 337, 338, 341 and 342 that apply to the University or subcontractor. The University shall be in continuous compliance with the provisions of KRS Chapters 136,139, 141, 337, 338, 341 and 342 that apply to the University or subcontractor for the duration of the contract.

EXHIBIT 1

DIRECTOR OF PUBLIC HEALTH SERVICES

ESSENTIAL FUNCTIONS

- Directs comprehensive health programs and operations including community health, environmental, support and professional services, research and other health services pursuant to KRS Chapter 212. Communications with the public, medical community, educational institutions, federal and state agencies and allied health professionals concerning health programs and needs.
- Establishes and implements departmental goals, budget, policies, procedures, and programs.
- Exercises supervision over subordinate personnel.

EXAMPLES OF THE WORK

- Directs the planning and development of the strategic plan for the department and prioritizes projects to meet goals, objectives and budget allocations.
- Formulates and implements policies and procedures concerning public health services which are presented for adoption by the Board of Health.
- Serves in an ex-officio role as secretary to the Board of Health.
- Collaborates with the University of Louisville and the School of Public Health and Information Sciences to design and implement practicum programs and publishable projects to allow graduate students to gain experience in the health field and obtain research and publications for the department.
- Seeks public and private funding for key academic and departmental programs.
- Develop and organizes the department structure to ensure maximum utilization of available resources.
- Directs the preparation of the department budget and the monitoring of expenditures and funds received.
- Mentors students at the University of Louisville School of Public Health and Information Sciences and shares information concerning practical, hands-on experience in the health field.
- Conducts public health training programs for physicians and allied health professionals.
- Directs and conducts research on community health needs and trends in public health medicine and prepares and submits reports.
- Represents the department to governmental agencies, medical community, educational institutions, and the public regarding public health programs, projects, and operations.
- Analyzes data on the effectiveness and efficacy of programs and services and implements corrective action.
- Performs related work.

MINIMUM REQUIREMENTS

- Doctorate degree in Medicine and a Master's degree in Public Health, Environmental Health, Epidemiology, Business, Public Administration, or a related field.
- Five years of public health services experience, including two years of program planning, evaluation, administrative or managerial experience.
- An equivalent combination of education and experience may be substituted, but must include two years of managerial experience.
- Must be licensed to practice medicine in the State of Kentucky.

SPECIAL REQUIREMENTS

- Must be duly qualified and licensed or eligible for licensure as a medical practitioner in the State of Kentucky.

EXHIBIT 2

Policies and Protocols Requiring Physician Direction

- Administration of vaccines against Diphtheria, Tetanus, and Pertussis
- Administration of vaccines against Measles, Mumps, and Rubella
- Hepatitis A prophylaxis policy
- Procedure for administering Hepatitis A vaccine for non-travelers
- Procedure for routine administration of Hepatitis B vaccine
- Procedure for post-vaccination Hepatitis B serology
- Procedure for administration of Lyme Disease vaccine
- Procedure for administration of Meningococcal Polysaccharide vaccine
- Occupational exposure to potentially infective materials
- Procedure for HIV testing for oral test kits
- Administration of vaccines against Pneumococcal Disease, including Prevnar
- Administration of vaccines against Polymydia
- Assessment of persons for possible Rabies prophylaxis
- Administration of Rabies prophylaxis: pre-exposure
- Administration of Rabies prophylaxis: post-exposure
- Procedure for isolation of persons with rash illnesses
- STD standing orders
- Procedure for performance of TB skin testing
- Administration of Varicella vaccine
- Procedures surrounding isolation of TB infected individuals
- MD guidance and oversight for any public health crisis/disaster such as communicable disease outbreaks, floods, tornados, WMD, or bioterrorism
- School health protocols
- MD approval for purchase of pharmaceuticals/vaccines
- Review and signature for protocols
- Review and signature for standing orders
- Kentucky Public Health Practice References (PHPR)
- KDPH organization structure
- Division of Adult and Child Health directory
- Division of Epidemiology and Health Planning directory
- Division of Laboratory Services directory
- Division of Local Health Department Operations directory
- Division of Public Health Protection and Safety directory
- Division of Resource Management
- Local health department organization structure

General Information

- Description of purpose of KY PHPR
- Philosophy for service delivery
- Patient rights
- Patient responsibilities
- Consent for services

EXHIBIT 3

Review and Signature/Date for Protocols

I have reviewed the following protocols contained within the Kentucky Public Health Practice Reference. These protocols are approved for use by the Louisville Metro Department of Public Health and Wellness. I understand that I will review these protocols at least annually, and that any changes, deviations, or additional protocols will be brought to my attention for approval before implementation.

Print Name	Sign Name	Date
------------	-----------	------

Protocol for:

- Blood lead levels and follow up
- Cardiovascular and diabetes screening
- Childhood lead poisoning prevention services
- Deferring physical exam for oral contraceptives or Depo Provera
- Drug monitoring for adults with disease (TB)
- Emergency contraceptive pills
- Family planning services
- Flouride supplementation
- Grief counseling services
- HIV testing/counseling
- Lead management home visit
- Maternal serum screening
- Medical consultation/referral of the anti-partum/post-partum patient
- Medical emergencies
- Medical nutrition therapy
- Pregnancy test
- Rabies pre-exposure prophylaxis
- Rabies post-exposure prophylaxis
- Recommended accelerated immunizations schedule for infants and children less than 7 years of age
- Recommended immunization schedule for persons 7 years of age or greater not vaccinated at the recommend time in early infancy
- Recommended schedule for routine active immunization of infants and children
- Reducing preconception/prenatal HIV transmission
- Referral to first steps for evaluation and eligibility
- Routine and non-routine immunization
- Safety seat services
- Screening blood lead test
- Spacing live and killed antigen administration
- Tetanus prophylaxis and routine wound management
- Treating anaphylactic shock
- Treatment of common STDs
- Tuberculosis
- WIC certification

EXHIBIT 4

Review and Signature/Date for Standing Orders

I have reviewed the following standard order within the Kentucky Public Health Practice Reference. These standing orders are approved for use by the Louisville Metro Department of Public Health and Wellness. I understand that I will review these standing orders at least annually and that any changes, deviations, or additional standing orders will be brought to my attention for approval and signature before implementation.

Print Name	Sign Name	Date
------------	-----------	------

Standing Orders for:

- Deferring a physical exam for oral contraceptive or Depo Provera
- Emergency contraceptive pills
- Fluoride supplementation
- Medical emergencies: acute medical condition/syncope/vasovagal reaction
- Rabies pre-exposure prophylaxis
- Recommended accelerated immunizations schedule for infants and children less than 7 years of age, not vaccinated in early infancy
- Recommended schedule for routine active immunization of infants and children
- Routine and non-routine immunization
- Tetanus prophylaxis and routine wound management
- Treating of anaphylactic shock
- Treatment of common STDs
- Tuberculosis



**Office of Management and Budget
Division of Purchasing
Non-Competitive Contract Request Form**

Department	Public Health and Wellness	Department Contact	Briana Lyddane
Contact Email	Briana.Lyddane@louisvilleky.gov	Contact Phone	502-574-6690

Contract Type: check one	New	Amendment		
		Additional Funds	Time Extension	Scope
Professional Service	✓			
Sole Source (goods/services)				
	Start	End		
Requested Contract Dates (MM/DD/YYYY)	08/01/2020	07/31/2021		

VENDOR INFORMATION

Vendor Legal Name	University of Louisville on behalf of its School of Public Health and Information Sciences			
DBA				
Point of Contact	Tina Hembree	Email	tina.hembree@louisville.edu	
Street	323 E Chestnut Street			
Suite/Floor/Apt	208	Phone	502-852-7881	
City	Louisville	State	KY	Zip Code 40202
Federal Tax ID#	61-1014882	SSN# (If sole proprietor)		
Louisville Revenue Commission Account #	881510			
Human Relations Commission Certified Vendors	Certified Minority Owned Business	Certified Woman Owned business	Disabled Owned business	
Select if applicable				

FINANCIAL INFORMATION

Not to Exceed Contract Amount	\$64,250	(including reimbursement expenses, if applicable)			
Fund Source: General Fund					
Federal Grant		Federal Granting Agency			
Other		Describe:			
Account Code String #	1101	605	4126	411590	521301
Payment Rate		per hour		per day	
	\$5,354.15	per month		Other	
Payment Frequency	✓	Monthly		Upon Completion / Delivery	
		Quarterly		Other	

SEYED M. KARIMI

May 2020

CURRICULUM VITAE**SEYED M. KARIMI**

Department of Health Management and Systems Sciences
 School of Public Health and Information Sciences (SPHIS)
 University of Louisville
 Room 115
 485 E. Gray St.,
 Louisville, KY 40202, USA

Email: seyed.karimi@louisville.edu
 Office: 502-852-0417
 Web Page:
<http://louisville.edu/sphis/directory/seyed-m-karimi-phd>
<https://sites.google.com/site/seyedmkarimi/>

CAREER BIO

Seyed M. Karimi's work sits at the intersection of microeconomics, statistics, and health policy. Health policy evaluation, modeling health care finance, early-life shock analysis, environmental health, welfare analysis, and burden of disease estimation are the areas of his research. He has taught courses on health economics and policy, labor economics and policy, cost-benefit analysis, and introductory and intermediate microeconomics and macroeconomics. He is currently an assistant professor of health economics at the University of Louisville School of Public Health and Information Sciences. He also holds the health economist position at the Center for Health Equity (CHE) at the Louisville Metro Department of Public Health and Wellness (LMPHW), where he assists departmental leadership in defining policy priorities and programs, considering the resources and public health best practices. He also collaborates with the University of Washington's Institute for Health Metrics and Evaluations (IHME) in the Global Burden of Disease project.

EDUCATION

University of Illinois at Urbana-Champaign
 Ph.D. in Economics (2014)

Institute for Research in Planning and Development, Tehran, Iran
 M.S. in Economics (2002)

Polytechnic of Tehran, Tehran, Iran
 B.S. in Electrical Engineering (2000)

PROFESSIONAL EXPERIENCE

University of Louisville School of Public Health and Information Sciences	Assistant Professor	2019 –
Louisville Metro Department of Public Health and Wellness Department (LMPHW) Center for Health Equity (CHE)	Health Economist	2019 –
Institute for Health Metrics and Evaluations University of Washington, Seattle	Collaborator	2016 –
University of Washington, Tacoma School of Interdisciplinary Arts and Sciences	Full-Time Lecturer	2014 – 2019
University of Illinois at Urbana-Champaign Department of Economics	Teaching Assistant Research Assistant	2007 – 2014
Central Bank of Iran Iran Banking Institute (IBI)	Full-Time Lecturer Scientific Editor, the IBI Annual Economic Conference	2004 – 2007
Institute for Research in Planning and Development Department of Economics	Research Fellow	2002 – 2004

SEYED M. KARIMI

- Systematic Analysis from the Global Burden of Disease Study 2016. *The Lancet* 2018; 391(10136): 2236–2271.
6. GBD 2015 Eastern Mediterranean Region Neonatal, Infant, and under-5 Mortality Collaborators. “Adolescent Health in the Eastern Mediterranean Region.” *International Journal of Public Health* 2017; 63(S1): 79–96.
 7. GBD 2015 Eastern Mediterranean Region Neonatal, Infant, and under-5 Mortality Collaborators. “Neonatal, Infant, and Under-5 Mortality and Morbidity Burden in the Eastern Mediterranean Region.” *International Journal of Public Health* 2017; 63(S1): 63–77.
 8. GBD 2016 Mortality Collaborators. “Global, Regional, and National Under-5 Mortality, Adult Mortality, Age-Specific Mortality, and Life Expectancy, 1970-2016.” *The Lancet* 2017; 390(10100): 1084–1150.
 9. GBD 2016 DALYs and HALE Collaborators. “Global, Regional, and National Disability-Adjusted Life-Years (DALYs) for 333 Diseases and Injuries and Healthy Life Expectancy (HALE) for 195 Countries and Territories, 1990–2016.” *The Lancet* 2017; 390(10100): 1260–1344.
 10. GBD 2016 Causes of Death Collaborators. “Global, Regional, and National Age-Sex Specific Mortality for 264 Causes of Death, 1980–2016.” *The Lancet* 2017; 390(10100): 1151–1210.
 11. GBD 2016 Healthcare Access and Quality Collaborators. “Healthcare Access and Quality Index Based on Mortality from Causes Amenable to Personal Healthcare in 195 Countries and Territories, 1990-2015.” *The Lancet* 2017; 390(10091): 231–266.
 12. GBD 2016 Health Financing Collaborators. “Future and Potential Spending on Health 2015-2040: Government, Private, and Donor Financing for 184 Countries.” *The Lancet* 2017; 389(10083): 2005–2030.
 13. GBD 2016 Health Financing Collaborators. “The Evolution and Patterns of Global Health Financing 1995-2014: Development Assistance for Health, and Government, Prepaid Private, and Out-of-Pocket Health Spending in 184 Countries.” *The Lancet* 2017; 389(10083): 1981–2004.

IRAN HEALTH AND DISABILITY

1. Karimkhani C, Dellavalle RP, Karimi SM. “Burden of Skin and Subcutaneous Diseases in Iran and Neighboring Countries, 1990–2015.” *Archives of Iranian Medicine* 2017; 20(7): 429–440.
2. Moradi-Lakeh M, Sepanlou SG, Karimi SM. *et al.* “The Trend of Socio-Demographic Index and Mortality Estimates in Iran and Its Neighbors, 1990–2015.” *Archives of Iranian Medicine* 2017; 20(7): 419–428.
3. Sepanlou SG, Parsaeian M., Krohn J, ... , Karimi SM. *et al.* “Disability-Adjusted Life-Years (DALY) for 315 Diseases and Injuries, and Healthy Life Expectancy (HALE) in Iran and Its Neighboring Countries, 1990-2015.” *Archives of Iranian Medicine* 2017; 20(7): 403–418.
4. Djalalinia S, Moghaddam S, Moradi-Lakeh M, ... , Karimi SM. *et al.* “Prevalence and Years Lived with Disability of 310 Diseases and Injuries in Iran and Its Neighboring Countries, 1990–2015.” *Archives of Iranian Medicine* 2017; 20(7): 392–402.

WORKING PAPERS (draft available)

1. GBD 2017 Collaborators. “Estimates, Trends, and Drivers of the Global Burden of Type 2 Diabetes Mellitus Attributable to Particulate Matter Air Pollution: An Analysis of Data from the Global Burden of Disease Study 2017.” R&R to *The Lancet Planetary Health*.
2. Karimi SM, Little B, Mokhtari M. “Short-term Fetal Nutritional Stress and Long-term Health: Child Height.”, R&R requested from *American Journal of Human Biology*.
3. Karimi SM, Eslami K, Johnson CE. “Beneath the Surface: The US Health Care Expenditure Across Income Groups by Age and Type of Care.” February 2020, Under Review.
4. Karimi SM, DuPre N, McKinney WP, Little B, Moyer S. “Projecting the Covid-19 Weekly Deaths and Hospitalizations for Jefferson County, Kentucky.” May 2020, Under Review.

SEYED M. KARIMI

ACADEMIC HONORS

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|--|---|
| Finalist of Outstanding Research Award | Economic Research Forum 23 rd Annual Conference, Amman, Jordan, 2017 |
| Research Development Fund | University of Washington Tacoma School of Interdisciplinary Arts and Sciences Spring 2016 |
| Summer Research Award | University of Illinois at Urbana-Champaign Department of Economics, 2012 and 2013 |
| Outstanding Academic Performance | Institute for Research in Planning and Development Department of Economics, 2002 |

CONFERENCES AND RESEARCH PRESENTATIONS

2019

- “Health Capital and the Productivity of Health Spending: Evidence from the RAND Health Insurance Experiment,” College of Business, University of Louisville, Louisville, KY, Sep. 27.
- “The Long-Term Anthropometric Effect of Short-Term Prenatal Nutritional Stress,” 6th IIEA Conference, University of Naples “L’Orientale”, Naples, Italy, May 16.
- “Health Capital and the Productivity of Health Spending: Evidence from the RAND Health Insurance Experiment,” Hudson School of Public Health, University of Oklahoma, Oklahoma City, OK, Jan. 30.
- “Health Capital and the Productivity of Health Spending: Evidence from the RAND Health Insurance Experiment,” School of Public Health and Information Sciences, University of Louisville, Louisville, KY, Jan. 28.
- “Health Capital and the Productivity of Health Spending: Evidence from the RAND Health Insurance Experiment,” School of Business, University of North Carolina Pembroke, Pembroke, NC, Jan. 22.

2018

- “Prenatal and Neonatal Exposure to the Saharan Sand and Dust Storms and Neonatal Mortality: Evidence from Burkina Faso,” Autumn 2018 Labor/Development Brownbag Seminar, Department of Economics, University of Washington, Seattle, WA, Nov. 8.
- “The Effect of Prenatal and Neonatal Exposure to the Saharan Sand and Dust Storms on Neonatal Mortality: Evidence from Burkina Faso,” 2018 Pacific North West Labor Day Workshop, University of Washington, Seattle, WA, Sep. 29.
- “Access to Higher Education and Marriage: Evidence from the Expansion of Higher Education System in Iran during the 2000s,” 5th IIEA Conference, International Institute of Social History, Amsterdam, Netherlands, Mar. 9.
- “Prenatal Exposure to Sand and Dust Storms and Neonatal Mortality: Evidence from Burkina Faso,” Iran University of Medical Sciences, Tehran, Iran, Jan. 4.
- “Access to Higher Education and Marriage: Evidence from the Expansion of Higher Education System in Iran during the 2000s,” Institute for Research & Planning in Higher Education, Tehran, Iran, Jan. 2

2017

- “Pre-Birth Exposure to Ramadan, Height, and the Length of Gestation,” The World Bank MENA Chief Economist Seminar Series, Washington, DC, June 14.
- “Pre-Birth Exposure to Ramadan, Height, and the Length of Gestation,” University of Washington PHEnOM Health Economics Seminar, Seattle, WA, May 11.
- “Introduction of a University: What Changes in the Local Economy?” The 4th Annual Politics, Philosophy, and Public Affairs Colloquium, University of Washington Tacoma, Portland, OR, April 29.
- “Prenatal Exposure to Ramadan, Height, and the Length of Gestation,” ERF 23rd Annual Conference, Amman, Jordan, March 18.

SEYED M. KARIMI

General Macroeconomic Theory (MA)	Spring 2014	Fall 2013	Spring 2013
	Fall 2012	Spring 2012	Fall 2011
Principles of Macroeconomics (BA)	Spring 2011	Fall 2010	Spring 2010
	Fall 2009	Spring 2009	
Principles of Macroeconomics (BA)	Fall 2008		

Iran Banking Institute, Central Bank of Iran (*Independent Instructor*)

Economic Evaluation of Projects	Spring 2007	Fall 2006	Spring 2006
	Fall 2005	Spring 2005	Fall 2004
Principles of Microeconomics	Spring 2007	Fall 2006	Spring 2006
	Fall 2005	Spring 2005	Fall 2004

Institute of International Studies on Energy (IIES), Iran (*Independent Instructor*)

One-Week Workshops on Evaluation of Projects	Economic	Jun. 2005, Apr. 2005, Aug. 2004, Dec. 2003	
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PROFESSIONAL SERVICE**University of Louisville**

UofL-IBM Leadership & Implementation Team	Nov. 2019–
UofL-Humana Initiative	Jan. 2020–
UofL-Passport Healthy Connections Lab	Dec. 2019–

University of Washington Tacoma

Search Committee, Assistant Professor in Statistics	Sep. 2018– April 2019
Editor of the <i>253 Economics</i> , a blog for UW Tacoma students' comments on contemporary economics issues. https://blogs.uw.edu/econ253/	Oct. 2017– June 2018
Debater, <i>State Minimum Wage: Ballot I-1433</i> , League of Women Voters Tacoma/Pierce County https://www.youtube.com/watch?v=mHnhVxjQ-IA	Oct. 12, 2016
Curriculum Committee, Proposal for a BA degree in Economic Policy	2015–2018
Curriculum Committee of the Economics track of the Philosophy, Politics, and Public Affairs degree	2014–2019
Organization Group, Quantitative Refresher Workshops	2015–2019
Search Committee, Lecturer in Gender Political Economy	2015–2016
Search Committee, Assistant Professor in Urban Economics	2014–2015

External

Refereeing:

CDC's Preventing Chronic Disease (PCD)
Quarterly Review of Economics and Finance
Food and Nutrition Sciences
Economics and Human Biology
Energy Journal
Middle East Development Journal
International Journal of Business and Globalisation

Scientific Committee, 5 th IIEA Conference on Iranian Economy, International Institute of Social History, Amsterdam, The Netherlands	Mar. 2018
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