

# City of Columbia

701 East Broadway, Columbia, Missouri 65201



**Agenda Item Number:** B 342-14

**Department Source:** Public Health & Human Services

**To:** City Council

**From:** City Manager & Staff

**Council Meeting Date:** November 3, 2014

**Re:** University of Missouri School of Medicine

Infectious Diseases Fellowship Program Specifics of Rotation Agreement

## Documents Included With This Agenda Item

Council Memo, Resolution/Ordinance, Agreement for Clinical Rotation

**Supporting documentation includes:** None

## Executive Summary

An ordinance authorizing the City Manager to sign the Infectious Diseases Fellowship Program Specifics of Rotation agreement between the City of Columbia and the University of Missouri School of Medicine effective July 1, 2014 through June 30, 2015.

## Discussion

This agreement allows infectious disease medical fellows and their supervising faculty members to participate in STD clinics to gain experience. The agreement stipulates that the University of Missouri provides malpractice insurance and pays the salaries for all physicians participating in this clinical opportunity.

## Fiscal Impact

Short-Term Impact: none

Long-Term Impact: none

## Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Health, Social Services and Affordable Housing

Strategic Plan Impact: Health, Safety and Wellbeing

Comprehensive Plan Impact: Not Applicable

## Suggested Council Action

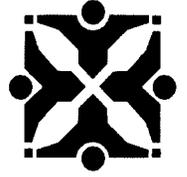
Should the Council agree with staff recommendations, an affirmative vote is in order.

## Legislative History

This written agreement has been in place since 2013.

# City of Columbia

701 East Broadway, Columbia, Missouri 65201



*Stephane Bonny*  
\_\_\_\_\_  
Department Approved

*[Signature]*  
\_\_\_\_\_  
City Manager Approved

Introduced by \_\_\_\_\_

First Reading \_\_\_\_\_

Second Reading \_\_\_\_\_

Ordinance No. \_\_\_\_\_

Council Bill No. B 342-14

**AN ORDINANCE**

authorizing a specifics of rotation agreement with The Curators of the University of Missouri, on behalf of its School of Medicine, to provide infectious disease medical fellows and supervising faculty members educational experience in STD clinical services; and fixing the time when this ordinance shall become effective.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The City Manager is hereby authorized to execute a specifics of rotation agreement with The Curators of the University of Missouri, on behalf of its School of Medicine, to provide infectious disease medical fellows and supervising faculty members educational experience in STD clinical services for the period of July 1, 2014 through June 30, 2015. The form and content of the agreement shall be substantially in the same form as set forth in "Exhibit A" attached hereto. Any actions taken by or on behalf of the City in connection with such program services contract prior to the date of this ordinance are hereby approved and ratified.

SECTION 2. This ordinance shall be in full force and effect from and after its passage.

PASSED this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

ATTEST:

\_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Mayor and Presiding Officer

APPROVED AS TO FORM:

\_\_\_\_\_  
City Counselor

## SPECIFICS OF ROTATION

### Trainee Name(s):

Hariharan Regunath, MD Deepa Prabhakar, MD Hassan Khan, MD Payal Shah, MD

**Rotation Begin Date:** July 1, 2014 **End Date:** June 30, 2015

**Location of Rotation:** Columbia/Boone County Public Health and Human Services  
STD Clinic

### II. Rotation Specifics:

The trainee attends and is supervised by a faculty member in the STD clinic at the City-County Health Department. The STD clinic meets in the evening once weekly. This is hands-on experience in diagnosis, prevention, and therapy of sexually transmitted diseases.

#### a. Rotation Goals –

- To provide a comprehensive experience with the clinical features, diagnosis, natural history, prevention and treatment of a broad range of infectious diseases.
- Acquisition of a knowledge-base and cognitive skills to be an effective consultant and practitioner of the discipline of Infectious Diseases.
- To acquire/maintain a professional demeanor, ethical standards and humanistic qualities required to be an effective, respected physician.
- To provide education to others and develop life-long learning skills.
- To maintain skills in general internal medicine.
- To produce a graduate who is competent, compassionate, and eligible for certification by the ABIM in Infectious Diseases.

#### b. Rotation Curriculum –

- Hands-on experience with follow-up and/or evaluation

of patients in the outpatient setting.

- Hands-on experience with the diagnosis, therapy, counseling and epidemiologic aspects of patients with STDs.

**c. Method of Rotation Evaluation –**

- One-on-one interactions with attending physician.
- General and problem-oriented reading

**III. Name of Training Site Administrative Supervisor for Trainee and this supervisor's responsibilities:**

William Salzer MD, Fellowship Program Director and Division Director of Infectious Diseases; William Roland MD; Gordon Christensen MD; Stevan Whitt MD

Residents are evaluated monthly by a faculty member who has had direct supervision of the trainee. The ABIM form is utilized for evaluation.

Resident performance is also informally evaluated by the faculty members at the monthly Infectious Disease Faculty meeting. After rendering the formal evaluation on the ABIM form, trainees are given the form to read and sign. Should problems arise, the resident, faculty member rendering the evaluation, and the program director meet for discussion. Additionally, the trainees individually meet with the program director every 6 months for a review of his/her performance with a written report filed in the trainee's evaluation folder. At the end of the two year training, a summary of the trainee's performance is placed in his/her folder for a permanent record for further reference for hospital privileges, etc.

**V Name and credentials of Training Site Educational Supervisor for trainee and this supervisor's responsibilities (please attach curriculum vitae [s]):**

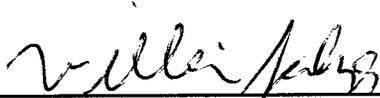
William Salzer MD, Fellowship Program Director and Division Director of Infectious Diseases  
William Roland MD  
Gordon D. Christensen MD  
Christian Rojas, MD  
Nicholas Havens, MD

- To facilitate the trainee's considerable knowledge-base through clinical experience, instruction, and reading of the following:
- Mechanisms of action and adverse reactions of antimicrobial agents: The conduct of pharmacologic studies to determine absorption and excretion of antimicrobial agents, methods of determining antimicrobial activity of drugs, techniques to determine concentration of antimicrobial agents in

blood and other body fluids, the appropriate hospital, outpatient, and in the home.

- The utility of procedures for specimen collection relevant to infectious diseases.
- The sensitivity, specificity, efficacy, benefits and risks of emerging technologies such as those for rapid microbiological diagnosis; e.g., PCR and gene probes, and the use and limitation of imaging techniques in the diagnosis and follow-up of infectious processes.
- Principles and practice of infection control.
- Principles of chemoprophylaxis and immunoprophylaxis

**VI Other:**



*Signature*



*Date*

William Salzer MD  
Division Director, Infectious Diseases  
Infectious Diseases Fellowship Program Director

Training Site

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Michael Matthes  
City Manager

Date

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Debra G. Koivunen MD      Designated Institutional Officer  
University of Missouri School of Medicine  
Office of Graduate Medical Education

Date

**ROTATION SCHEDULE  
AY2013-14**

Residency/Fellowship Program: **Infectious Diseases**

Training Site: **Boone County Health Department STD Clinic**

			Dates of Rotation		
Trainee Name	Student Yr	Fellow Yr	From	To	Supervising Physician
Deepa Prabhakar, MD		PGY5	7/01/2013	6/30/2015	William L. Salzer, MD
Hariharan Regunath, MD		PGY5	7/01/2013	6/30/2015	William L. Salzer, MD
Hassan Khan		PGY4	10/6/14	6/30/15	William L. Salzer, MD
Payal Shah		PGY4	12/15/14	6/30/15	William L. Salzer, MD

- \* University provides liability and/or malpractice insurance that covers Trainees for their educational experience at Training Site.
- \* University will cover any University salary and any University fringe benefits paid to student during rotation at Training Site unless other arrangements have been agreed upon by Training Site and University.
- \* Training Site may be asked to cover Trainees non-salary expenses of rotation by separate agreement. Such agreements, if any, are attached.
- \* During rotations, the resident agrees to comply with all policies and procedures of the rotating site in addition to the policies of their educational program at the University of Missouri.

## **Teaching Settings, Objectives, Goals and Methods**

### **Inpatient Consultation Service**

Each trainee spends approximately 17 months during the two-year period on the inpatient consultation service in the University Hospital, the Veterans Administration Hospital, Landmark Hospital, and Columbia Regional Hospital/Women's and Children's Hospital. This provides experience with a wide array of disease processes in a broad age group of patients, both male and female, many of whom have complex problems. Cases may be initially seen by a medical student or a resident, but all are also seen and evaluated by the fellow and subsequently seen by an attending physician. The trainee is asked to assess the case and to provide a plan as to what he thinks is the best approach for diagnosis and management. The attending physician may critique the trainee's assessment and provide discussion of the pathogenesis, pathophysiology, microbiological aspects, diagnostic modalities, a plan of management, social and economic issues. The attending and trainees review radiographic materials and other appropriate specimens such as Gram stains. The attending sees each patient and renders a formal consultation. The trainee and faculty member then follow the patient daily until resolution of the problem and/or discharge from the hospital. Patients may then be followed in the outpatient Infectious Disease Clinic.

#### **Objectives:**

1. Hands-on experience with history taking and examination of a large number of cases
2. Analysis of the clinical clues and laboratory data to arrive at a differential diagnosis
3. Providing a plan for further evaluation and/or therapy
4. Utilizing diagnostic and therapeutic modalities in the most cost effective manner
5. Learn the pathogenesis, pathophysiology microbiologic, and host defense aspects of a broad array of infectious diseases.
6. Understand the usefulness and limitations of diagnostic and therapeutic modalities

#### **Educational Goals:**

1. To provide a comprehensive experience with the clinical features, diagnosis, natural history, prevention and treatment of a broad range of infectious diseases
2. Acquisition of a knowledge-base and cognitive skills to be an effective consultant and practitioner of the discipline of Infectious Diseases

3. To acquire/maintain a professional demeanor, ethical standards and humanistic qualities required to be an effective, respected physician
4. To provide education to others and develop life-long learning skills
5. Maintain skills in general internal medicine
6. To produce a graduate who is competent, compassionate, and certifiable by the ABIM in Infectious Diseases

### **Methods**

1. Case based, small group interactive discussions
2. Problem-oriented reading
3. Role modeling by experienced faculty

### **Outpatient Consultation and Continuity Clinics**

The trainee attends and is supervised by a faculty member in four outpatient experiences; a general infectious disease clinic, an HIV patient clinic, and a STD clinic at the City-County Health Department, and VA outpatient clinic. All clinics occur weekly for one-half day except the STD clinic which meets in the evening once weekly. These experiences provide longitudinal follow-up of patients to observe the course of illness and the effects of interventions, evaluation and work-up of outpatients, the management of HIV infected patients and their complications, and hands-on experience in diagnosis, prevention, and therapy of sexually transmitted diseases. Further, the trainee gains experience in the utilization of long-term home IV antimicrobial therapy, and working with home health care personnel. Additionally, trainees gain experience in telephone and written communications with referring physicians.

### **Objectives:**

1. Hands-on experience with follow-up and/or evaluation of patients in the outpatient setting
2. Hands-on experience with the diagnosis, therapy, counseling and epidemiologic aspects of patients with STDs
3. Interaction with referring physicians both verbally and in writing
4. Experience with home health care and outpatient IV antimicrobial therapy

### **Educational Goals:**

1. To provide a comprehensive experience with the clinical features, diagnosis, natural history, prevention and treatment of a broad range of infectious diseases

2. Acquisition of a knowledge-base and cognitive skills to be an effective consultant and practitioner of the discipline of Infectious Diseases
3. To acquire/maintain a professional demeanor, ethical standards and humanistic qualities required to be an effective, respected physician
4. To provide education to others and develop life-long learning skills
5. Maintain skills in general internal medicine
6. To produce a graduate who is competent, compassionate, and certifiable by the ABIM in Infectious Diseases

**Methods:**

1. One-on-one interactions with attending physician
2. General and problem-oriented reading

Division of Infectious Diseases

**STD Clinic Schedule**

2014-15

Clinic starts at 5:00 P.M. Doors close at 7:00 P.M.

<u>Month</u>	<u>Fellow</u>	<u>Attending</u>
December 16-31, 2014	Khan	
January 2014	No Clinic	
February 2014	Khan	
March 2014	Shah	
April 2014	No Clinic	
May 2014	Regunath	
June 2014	No Clinic	

If you have any questions or if you cannot be at clinic,  
call Mary Martin at 874-7356.

If you are not going to be there, please give Mary 24-hours  
notice if possible.