

## POSITION DESCRIPTION

For the period: 01/01/2023 – 05/31/2023

**NAME:** TBD

**TITLE:** Researcher Level I

**FLSA STATUS:** Exempt

**TRACK:** Non-Tenure

**DEPARTMENT:** Department of Medical Microbiology, Immunology and Cell Biology

### POSITION FUNCTION

Researcher to lead and augment research studies being conducted under the direction of Dr. Andy Wilber in the Department of Medical Microbiology, Immunology and Cell Biology. This person will be expected to contribute to scholarly productivity for the laboratory and augment external grant submissions.

### ORGANIZATIONAL RELATIONSHIPS

This position will report directly to the PI, Associate Professor Andy Wilber, who reports to the Chair of MMICB, Dr. Shelley Tischkau.

### DUTIES AND RESPONSIBILITIES

**The following information is intended to be representative of the work performed by incumbent in this position and is not all-inclusive. The omission of a specific duty or responsibility will not preclude it from the position if the work is similarly related or a logical extension of position responsibilities.**

**Demonstrates, by actions, commitment to the mission and the behavioral standards of SIU School of Medicine. Provides excellent service to both internal and external customers through collaboration and partnership; compassion and respect; integrity and accountability; diversity and inclusion; as well as continuous learning and improvement.**

I. Administration	_____ 0 %
II. Teaching	_____ 0 %
III. Research	_____ 100 %
• Must work independently, will perform biomedical experiments in molecular and cellular investigations in areas of research defined by the PI.	_____ 50 %
• Be knowledgeable of current literature on research topics and assist in the development and implementation of research directives and objectives.	_____ 20 %
• Independently perform analyses, interpret results, and formulate conclusions for research projects in lab.	_____ 20 %
• Collaborate with the PI in the writing of manuscripts, grants, and presentations related to research outcomes.	_____ 10 %

**AUTHORITY AND RESPONSIBILITY**

Will be expected to work independently with minimal supervision, will be responsible for key segments of the research program and development of future experimentation. Must be knowledgeable of current literature on research topics and assist in the development and implementation of research directives and objectives.

**MINIMUM QUALIFICATIONS**

Bachelor's degree in biology or related biomedical field, work experience in biomedical research laboratory with evidence of technical expertise in common molecular and cellular assay techniques including in tissue culture, excellent writing and oral communication skills, some flexibility with work hours is likely to be required.

**Sensitive to the needs of underrepresented minority populations.**

**DESIRABLE QUALIFICATIONS**

Experience and/or strong conceptual knowledge in molecular and immunological assays, documented experience in a clinical setting or medical/educational facility.

**ENVIRONMENTAL, HEALTH AND SAFETY RESPONSIBILITIES**

**Participates in meetings, trainings and other environmental, health and safety activities as required by SIU School of Medicine.**

**WORKING CONDITIONS/PHYSICAL DEMANDS**

See attached Physical and Environmental Requirements form.

\_\_\_\_\_  
TBD, Researcher I

\_\_\_\_\_  
Date

\_\_\_\_\_  
Supervisor, Andrew Wilber, PhD

\_\_\_\_\_  
Date

\_\_\_\_\_  
Department Chair, Shelley Tischkau, PhD

\_\_\_\_\_  
Date

# PHYSICAL AND ENVIRONMENTAL REQUIREMENTS

SIU SCHOOL OF MEDICINE

Incumbent: \_\_\_\_\_ Classification: **Researcher I**

Position No. (If applicable): \_\_\_\_\_ Department: **Medical Microbiology, Immunology and Cell Biology-SMS**

**WORK ENVIRONMENT: (Check all applicable environments)**

<input type="checkbox"/> Office	<input type="checkbox"/> Hospital
<input type="checkbox"/> Clinic	<input type="checkbox"/> Warehouse
<input checked="" type="checkbox"/> Research Laboratory	<input type="checkbox"/> Outdoors
<input type="checkbox"/> Other (Be Specific): _____	

PHYSICAL DEMANDS:	Seldom	Occasionally	Frequently	Constantly	N/A
(Indicate frequency of activity during performance of position duties)	(Performed rarely less than 2% of the time)	(Performed less than 25% of the time)	(Performed 26% to 50% of the time)	(Performed 51% or most of the time)	

*(Click on the Physical Demands Definitions button at the bottom of the form for a list of physical demands definitions)*

Reading	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Writing	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speaking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Close visual acuity	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travel	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hearing - Conversation	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hearing - Other Sounds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Stooping	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Squatting	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gross hand manipulation	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fine hand manipulation	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working in dust, fumes, gases, or irritants	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working at heights	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Working in extreme cold, heat and/or humidity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Working in close quarters	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climbing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Operating motor vehicles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Sitting	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Standing	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Walking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Working above shoulder level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Twisting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Kneeling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Pushing or pulling					<input checked="" type="radio"/>
Carrying					<input checked="" type="radio"/>
Lifting					<input checked="" type="radio"/>
Other (Please list): _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

I affirm the environmental and physical demands listed on this form are an accurate reflection of the requirements of this position to the best of my knowledge and belief.

I have read, understand and am capable of meeting the physical and environmental demands of this position.

Supervisor Signature	Date	Supervisor Name	Employee Signature	Date
_____ <b>Andy Wilber</b>	_____	_____	_____	_____
HR-0195S 05/20	<input type="button" value="Clear"/>	<input type="button" value="Print"/>	<input type="button" value="Physical Demands Definitions"/>	Page 1 of 1