

**PRINCIPAL ADMINISTRATIVE  
POSITION DESCRIPTION**

for the period October 15, 2019 to June 30, 2020

NAME: \_\_\_\_\_ FLSA STATUS \_\_\_\_\_

TITLE: Researcher II

DEPARTMENT: Center for Alzheimer's Disease and Related Disorders (CADRD)

**POSITION FUNCTION**

This position will primarily be responsible for maintaining all aspects to the Hascup Laboratories' rodent breeding colonies. The position may also provide technical assistance and laboratory support in the areas of aging, Alzheimer's disease and related disorders in rodent models using various behavioral testing, *in vivo* electrochemistry, immunohistochemistry and various cellular and molecular techniques.

**ORGANIZATIONAL RELATIONSHIPS**

This position will report to Erin R. Hascup, PhD who in turn reports to the Director of CADRD, who in turn reports to the Chair of Neurology, who in turn reports to the Dean and Provost of the School of Medicine.

**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 similar, 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                                                           | 5%  |
| • Assist in training other lab members and collaborators               |     |
| III. Research                                                          | 95% |
| • Maintaining rodent breeding colonies                                 |     |
| ○ Animal husbandry                                                     |     |
| ○ genotyping                                                           |     |
| • General laboratory upkeep and maintenance                            |     |
| ○ Solution preparation, dishes, laundry, autoclaving instruments, etc. |     |
| ○ Laboratory inventory                                                 |     |

- Perform technical experiments
  - Rodent treatments (injections and oral)
  - Tissue dissection
  - Rodent behavioral testing, such as Morris water maze, novel object recognition, etc.
- Provides support for other lab personnel
- Provides assistance with molecular and cellular experiments such as protein and RNA extraction/isolation, western blot, PCR, IHC, etc.

IV. Service

0%

**AUTHORITY AND RESPONSIBILITY**

- Duties will be assigned and evaluated by Erin R. Hascup, PhD and as outlined by this position description.

**MINIMUM QUALIFICATIONS**

- Bachelor's degree with at least 2 years of relevant experience or Master's degree in an appropriate biological field
- Sensitive to the needs of underrepresented minority populations

**ENVIRONMENTAL, HEALTH AND SAFETY RESPONSIBILITIES**

- Participates in meetings, trainings and other environmental, health and safety activities as required by SIU School of Medicine.
- May occasionally travel to present research findings at local, national, or international conferences.
- May work occasional nights and weekends.

**WORKING CONDITIONS/PHYSICAL DEMANDS**

See attached Physical and Environmental Requirements form.

\_\_\_\_\_  
Incumbent

\_\_\_\_\_  
Date

\_\_\_\_\_  
Supervisor

10/3/19  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Department Head/Chair

\_\_\_\_\_  
Date

# PHYSICAL AND ENVIRONMENTAL REQUIREMENTS

## SIU SCHOOL OF MEDICINE

Incumbent: \_\_\_\_\_ Classification: **Researcher II**  
 Position No. (If applicable): \_\_\_\_\_ Department: **Neuroscience Institute-SMS**

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

<input checked="" 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 <small>(Performed rarely less than 2% of the time)</small>	Occasionally <small>(Performed less than 25% of the time)</small>	Frequently <small>(Performed 26% to 50% of the time)</small>	Constantly <small>(Performed 51% or most of the time)</small>	N/A
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*(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 type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travel	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hearing - Conversation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Hearing - Other Sounds	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stepping	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Squatting	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gross hand manipulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Fine hand manipulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Working in dust, fumes, gases, or irritants	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working at heights	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input 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 checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working above shoulder level	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Twisting	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Kneeling	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pushing or pulling		20 - 40 lbs.			<input type="radio"/>
Carrying		20 - 40 lbs.			<input type="radio"/>
Lifting		20 - 40 lbs.			<input type="radio"/>
Other (Please list): _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input 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.

Erin R. Hascup, Ph.D.

Supervisor Signature	Date	Supervisor Name	Employee Signature	Date
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