



# LOHITHA KETHU

**Illustrator, Animator**  
medical | biological

[Email](#) | [LinkedIn](#) | [Portfolio](#)

827 North Collington Ave  
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## Education

### Johns Hopkins University (JHU)

School of Medicine  
Medical and Biological Illustration (MA)  
*Thesis:* Creating an animated, interactive module to promote a multidimensional understanding of aging and frailty syndrome.  
Graduation: 05/2019

### Virginia Commonwealth University (VCU)

School of Fine Arts (BFA)  
Scientific & Preparatory Medical Illustration with minor in Biology  
Graduated: 05/2017

## Organizations

### Association of Medical Illustrators

Student Member 2018

### Scientific Illustrator's Society, VCU

Secretary 2015  
President 2016

### East Coast Solidarity Summer

Activist / Organizer 2016

## Proficiencies

### Traditional media

Carbon dust  
Watercolor  
Oil paint  
Gouache  
Graphite

### Programming

JavaScript

### Digital media

Adobe CC  
Cinema 4D  
ZBrush  
Osirix  
Pymol  
Chimera

## Research Interests

Cell biology  
Molecular biology  
Medicine  
Patient education  
Social justice  
Health literacy

## Work Experience

**2018**

**Illustrator**, National Aquarium, Baltimore  
Researched and illustrated the internal anatomy of the two-toed sloth.

**Animator**, Center for Biomedical Innovation and Design, JHU  
Created an animation for uCure, a surgical technology start-up.

**2017**

**Illustrator**, Department of Biomedical Engineering, VCU  
Created arterial malformation stent illustrations for a patent manual.

**Illustrator**, Neuroscience Lab, VCU  
Created Xenopus embryology cell drawings for the lab website.

**2016**

**Summer Research Fellow**, Summer Research Fellowship Grant, VCU  
Wrote and illustrated a children's graphic novel about type 1 diabetes with Dr. Carmen Rodriguez of VCU Biology.

**Illustrator**, Department of Microbiology, VCU  
Created Photoshop animations about tumor microenvironments for a presentation to the American Cancer Society.

**Illustrator**, Medical Center for Psychiatry, VCU  
Created a comic for Dr. Susan Jones about gender dysphoria.

**2015**

**Designer/illustrator**, Createathon Design Challenge, Richmond  
Designed branding for Richmond nonprofit Beds For Kids.

**Illustrator**, Smithsonian National Museum of Natural History, D.C.  
Worked with illustrator Taina Litwak to illustrate beetles for publication for the systematic entomology lab.

## Awards & Exhibitions

### Awards

Mallory Callon Scholarship  
VCU 2017  
William P. Didusch  
Scholarship, JHU 2017-19  
School of Medicine Dean Tuition  
Scholarship, JHU 2017-19  
Undergraduate Research Grant  
Symposium: Notable  
Presenter, VCU 2016

### Exhibitions

Intersections of Science & Art  
I & II Exhibitions, VCU 2016  
Animal Energies: Scientific Illustration  
Exhibition,  
Science Museum of Virginia 2017  
Student Exchange Salon  
JHU 2017  
Department of Medicine  
Research Retreat: Poster presenter

## Publications

Dial, Debra et. al. (2018) Two-toed Sloths (*Choloepus didactylus*): Ten Years of Husbandry and Management at the National Aquarium. Animal Keepers's forum (publication pending).

Kethu, Lohitha (2016). Jaci Has Diabetes (in preparation).

Konstantinov, Alex (2015) A Survey of South American Beetles. Washington Entomological Society (publication pending).

Ravin, I. S., & Lingafelter, S. W. (2015). Review of the genus *urgleptes* dillon (1956) of hispaniola: Descriptions of five new species and one new synonymy. Zoo Keys, 532(1), 55-85.