

# WO William Okech

## EMAIL

willyokech[at]gmail.com

## WEBSITE

www.williamokech.com

## TECHNICAL SKILLS

- Fiji/ImageJ
- CellProfiler
- R/RStudio
- Unix/Shell
- MATLAB
- Streamlit
- Python
- Shiny
- Git

## PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS (PAST AND PRESENT)

- The Carpentries
- Digital Research Academy
- Microcirculatory Society
- American Physiological Society
- Biomedical Engineering Society
- National Society of Black Engineers
- International Sports Engineering Association
- International Society of Biomechanics in Sports

## EXPERIENCE

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<b>Scientific Editor</b> , Charlesworth Author Services	2020–2024
<b>Postdoctoral Research Associate</b> , University of Pittsburgh	2017–2019
<b>Postdoctoral Research Fellow</b> , Johns Hopkins University	2016–2017
<b>Postdoctoral Research Associate</b> , University of Rochester	2015–2016
<b>Graduate Research Assistant</b> , University of Rochester	2010–2015
<b>Graduate Teaching Assistant</b> , University of Rochester	2011–2012
<b>Graduate Research Assistant</b> , University of Oxford	2010
<b>Undergraduate Research Assistant</b> , University of Pennsylvania	2007–2008

## EDUCATION

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<b>Ph.D. Biomedical Engineering</b> , University of Rochester	October 2015
<b>M.S. Biomedical Engineering</b> , University of Rochester	May 2012
<b>MSc Biomedical Engineering</b> , University of Oxford	September 2010
<b>B.S.E. Bioengineering</b> , University of Pennsylvania	May 2008

## HONORS, AWARDS, AND SERVICE

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- Judge for the International Genetically Engineered Machines (iGEM) Competition; 2021–2025
- Judge for the LATAM International Genetically Engineered Machines (iGEM) Design League Competition; 2021
- Grand Award Judge for the Intel International Science and Engineering Fair, Pittsburgh, Pennsylvania; 2018
- Computational modeling “Finding Your Inner Modeler” Travel Award (National Science Foundation; 2017 & 2018)
- Bioengineering Senior Design Award (University of Pennsylvania; 2008)
- Dean’s List (University of Pennsylvania; 2007–2008)

## PUBLICATIONS

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Google Scholar ([Link](#))

## REFERENCES

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Available upon request