

A. Anders Larson Tevis

(They/Them) | tevisaa@uw.edu

Education:

University of Washington January 2023 – Current
Post-baccalaureate student: *Department of Earth and Space Sciences, Concentration: Biology*

University of Washington June 2021 – December 2022
Non-matriculated student: *Chemistry, Biology, Calculus, and Calc. based Physics Course Series*

Berklee College of Music September 2013 – August 2016
Bachelor of Music, Performance
Honors: *summa cum laude; 3.94 GPA; North American Scholarship; Brass Department Scholarship*

Berklee Global Jazz Institute September 2014 – December 2015

Harvard University September 2015 – December 2015
Audited coursework: *Graduate seminars and coursework directed by Vijay Iyer, Yosvany Terry*

Research Interests:

Interactions of environmental microbial systems with physical, chemical, and geological processes; effects of climate variability and stressors on microbially mediated biogeochemical cycling; climate feedbacks: environmental microbial systems and terrestrial- and aquatic-atmosphere interactions; interactions between climate and land-surface/geomorphic processes; composition and dynamics of high-latitude environmental microbial systems; biogeochemistry of high-latitude landscape systems; characterizing past environments and climates using information encoded in lithified microbial systems; structure, composition, and dynamics of paleoenvironmental microbial systems; stromatolites

Professional Experience:

RareCyte, Inc., Research Associate, R&D, Biology Department February 2020 – Current
Design and optimization of highly multiplexed immunofluorescence staining and imaging methods and platforms; development and validation of clinical circulating tumor and rare cell biomarker assays
Techniques: Immunofluorescence staining and imaging, image segmentation, quantitation, and analysis, flow cytometry, antibody-fluorophore conjugation, tissue culture, clinical rare circulating cell isolation and enumeration, data analysis/interpretation, result presentation, project management, etc.

CellNetix Pathology and Laboratories, Molecular Lab Assistant II April 2018 – February 2020
Clinical molecular characterization of cancer sub-types for diagnosis and therapeutic compatibility
Techniques: Solid and liquid tumor DNA extraction, liquid tumor RNA extraction, FFPE scoring and microdissection, solid and liquid tumor FISH assays, direct cell harvests, cell enrichments, automated PCR, inventory and supply management, laboratory instrument and equipment maintenance, CAP and CLIA proficiency testing

CellNetix Pathology and Laboratories, Lab Assistant I, Accessioning	August 2017 – April 2018
<i>Intake, accessioning, and distribution of samples and cases for laboratory technical departments</i>	
<i>Techniques: Clinical LIS, interdepartmental case- and client-associated error resolution</i>	
King County Library System, Library Page	April 2017 – August 2017
<i>Organization, processing, and distribution of materials and inventory; maintenance and organization of library environment for patron use; material inspection and processing; patron customer service</i>	

Publications:

Arturo B. Ramirez, Lillian Costandy, Brady Gardner, **A. Anders Larson Tevis**, Casey Helmicki, Alisa Clein, Daniel E. Sabath, Josh Nordberg, Tad George. *Validation of enhanced performance of the AccuCyte®-CyteFinder® platform for circulating tumor cell characterization*. *Cancer Res* 15 June 2022; 82 (12_Supplement): 1952. <https://doi.org/10.1158/1538-7445.AM2022-1952>

Jennifer Chow, **A. Anders Larson Tevis**, Edward Lo, Alisa Clein, Daniel E. Sabath, Arturo B. Ramirez, Eric P. Kaldjian, Tad George. *Liquid biopsy for neuroendocrine differentiation: Validation of a circulating tumor cell assay for synaptophysin*. In: *Proceedings of the American Association for Cancer Research Annual Meeting 2021; 2021 Apr 10-15 and May 17-21*. Philadelphia (PA): AACR; *Cancer Res* 2021. <https://doi.org/10.1158/1538-7445.AM2021-600>

Arturo B. Ramirez, Edward Lo, Danny Campton, Lillian Costandy, Brady Gardner, Ryan Huston, **A. Anders Larson Tevis**, Alisa Clein, Daniel Sabath, Eric Kaldjian, Tad George. *Validation of a dual-marker ARv7/SYP assay for CTC characterization*. In: *Next Generation Dx Summit 2020, Immuno-Oncology Biomarkers and Diagnostics*.

Conference/Program Attendance:

American Association for Cancer Research, Annual Meeting	June 2022
Global Community Biosummit 5.0, MIT Media Lab	November 2021
American Association for Cancer Research, Annual Meeting	April 2021
Global Community Biosummit 4.0, MIT Media Lab	October 2020

Volunteer/Community Experience:

King County Equity Now / Seattle Abolition Support	June 2020 – June 2021
Duwamish Solidarity Group	August 2020 – June 2021
Berklee Global Jazz Institute Community Outreach Program	September 2014 – December 2015

Internships:

Gangjin City Agricultural Department	July 2011
Seodaemun-gu Government District	August 2012
National Assembly of the Republic of Korea, Congressional Office of Ju-Hong Hwong	August 2012

Selected Performances/Residencies:

Tyshawn Sorey Conduction Ensemble, Stone Residency	August 2016
Tyshawn Sorey Conduction Ensemble, The Met Breuer	March 2016
Banff International Workshop in Jazz and Creative Music, <i>TD Fellowship Scholar</i>	August 2015
John F. Kennedy Center for the Performing Arts: Betty Carter's Jazz Ahead	March – April 2015
Vijay Iyer, Jazz Composition Symposium, Berklee College of Music	April 2014
Rudresh Mahanthappa, Jazz Composition Symposium, Berklee College of Music	April 2014

Honors/Awards:

Berklee College of Music: *North American Scholarship; Brass Department Scholarship*
Fordham College: *Fordham Loyola Scholarship*
The New School for Jazz and Contemporary Music: *Jazz Scholarship; Dean's Scholarship*
New York University: *Liberal Studies Scholarship, Global Liberal Studies Program*
Oberlin College: *Conservatory Dean's Scholarship Award; John Frederick Oberlin Scholar*
Seattle University: *Trustee's Scholarship*
University of Miami: *Presidential Scholarship; Frost School of Music Scholarship; University of Miami Endowed Gift/Award*
University of Southern California: *Presidential Scholarship*
University of Washington: *University Scholarship; School of Music, Jazz Studies Scholarship*
Whitman College: *Mary Evans Higley Scholarship*