

Jayson U. Toweh

Email: jtoweh@stanford.edu | Phone : 678 577 3200 |

Website: profiles.stanford.edu/jayson-toweh | LinkedIn: www.linkedin.com/in/jayson-toweh

EDUCATION

Doctor of Philosophy, Stanford University, Doerr School of Sustainability – Stanford, CA Ongoing
 Program: Emmett Interdisciplinary Program in Environment and Resources. Focus: **Climate Health Science and Sustainable Energy Systems**. Enhancing Diversity in Graduate Education Fellow. Dean's Graduate Scholars. Graduate Public Service Fellow. John Lewis Fellow. Rising Environmental Leaders Program

Master of Science, Harvard University, T.H. Chan School of Public Health – Boston, MA August 2019
 Concentration: Environmental Health; **Specialty: Exposure Assessment**. Thesis: *Evaluating the Effectiveness of Scrubber Installation on Sulfur Dioxide Emissions from Coal Electricity Generating Units*. Abroad course: Occupational Health in Taiwan, January 2018. Abroad experience: Mentoring and Language Acquisition in Brazil: Sao Paulo, Brazil, January 2019

Master of Business Administration, Quantic School of Business and Technology – Washington, DC August 2021
 Degree: Business Administration

Bachelor of Science, University of Michigan – Ann Arbor, MI April 2017
 Graduated with Honors. Major: Program in the Environment, School of Natural Resources and the Environment. Abroad field research: Ghana e-waste work. June-December 2016

CREDENTIALS/LICENSES

Certified in Public Health (CPH), National Board of Public Health Examiners May 2020
Trained Climate Reality Leader, The Climate Reality Project July 2020

HONORS AND GRANTS

Student Scholar, Northeast Energy Efficiency Partnerships	2018
Innovation Award, E-Waste Case Study, Galaxy Conference	2018
2 nd Place Princeton Environmental Ideathon, The Breathing Roof	2018
Outstanding Paper, The World's Electronic Graveyard, Harvard-Kaohsiung Medical University	2018
Outstanding Minor Award, Program in the Environment, University of Michigan	2017
University Honors, University of Michigan	2014-2017
Internship Scholar, Literature Science and the Arts (\$2,500)	2016
Excellence Award, U.S. Environmental Protection Agency	2015
Undergraduate Public Health Scholar, Centers for Disease Control and Prevention	2015
Gates Millennium Scholar, Bill and Melinda Gates Foundation (Full funding up to doctoral)	2013

PROFESSIONAL ASSOCIATIONS

American Cancer Society, Gen2End Ambassador
 Gates Millennium Scholars Alumni Association, Ambassador
 The Climate Reality Project, Climate Reality Leadership Corps
 ImpactGiv, Goodwill Ambassador
 Harvard Alumni for Climate and Environment Special Interest Group, Co-founder and member
 American Public Health Association, Member
 National Environmental Health Association, Member
 Georgia Public Health Association, Member
 Georgia Environmental Health Association, Member

PROFESSIONAL EXPERIENCE (partial)**Stanford University, Doctoral Researcher** **September 2021-Present**

Doctoral research assistant in the Emmett Interdisciplinary Program in Environment and Resources. Research focuses on identifying the health, environmental, and social impacts of climate change and creating cobenefits from developing sustainable energy transition. Conducting work with faculty in Energy Resources Engineering and Earth System Sciences departments. Website: <https://profiles.stanford.edu/jayson-toweh>

Harvard University, Board of Overseers **August 2020-Present**

Elected from the 40,000 alumni voters to serve a six-year term on the Board of Overseers. The highest democratically elected governing board of the University. Serve as a consultant and manager for the strategic direction of the University's academics and programs. An executive-level role at the University. The first petition candidate elected since Archbishop Desmond Tutu in 1989

Climate Community Institute **June-September 2024**

Worked in the housing and communities work group on how to expand inclusive energy efficient home repair programs across the U.S. Examined Pennsylvania's Whole-Homes Repair program on how it can be implemented in counties and states outside of Pennsylvania.

Stanford University, Office of Sustainability, Climate Justice Fellow **September 2023-June 2024**

Developing pathways to integrate procedural and methodological aspects of climate justice into Stanford's Climate Action Planning efforts, a Just Transition for Climate Action. Engaging with university operations working group leads to train them in climate justice principles and strategies they can include in their actions and initiatives. Additionally, enhancing the CAP planning process by identifying and including climate justice elements early in the process, particularly by ensuring that frontline communities are included in the process Environmental Justice principles through actionable recommendations frameworks

The World Bank, Consultant **October 2022-March 2023**

Worked on identifying opportunities for infrastructure improvement and investments. Goal is to reduce the effects climate change has on health and the healthcare sector. Applied a multifaceted methodology to assist climate, health, economic, and environmental benefits from the investments

Second Nature, American is All In Higher Education Climate Fellow **January-October 2023**

Conducted cross sectoral research for the America is All In initiative. Worked with universities and municipalities on aligning climate commitments and initiatives. Worked on publications related developing and implementing climate programs and strategies at different universities. Produced a white paper about leveraging the distinctives of higher education to forward climate action: <https://secondnature.org/publications/distinctives-of-higher-education/>

United Nations Foundation, Climate Science Fellow **June-September 2022**

Worked in the Climate and Environment Team as a summer fellow. Translated the most recent and upcoming IPCC Report to impacts on a regional level. Identified the current state of Indigenous Knowledge in the current reports and developing ways to incorporate more. Assessed the energy use and environmental footprint of the organization and identifying offsets to purchase.

Graduate Public Service Fellow, Haas Center for Public Service **September 2021-June 2022**

Participated in biweekly trainings, and discussions on how to conduct community based research and work in the public service field. The fellowship entails working with a local non-profit on a project to help achieve their goals.

John Lewis Fellow, The Faith & Politics Institute **January-July 2022**

Participated in the inaugural cohort of the John Lewis Fellows. Six-month fellowship that includes community engagement in Washington, D.C., a Congressional Civil Rights Pilgrimage, and virtual trainings. Examined John Lewis' nonviolent philosophies and its principles and strategies, and identifying their applicability to current issues

HPHR Journal, Fellow**August-December 2021**

Four-month fellowship with the HPHR Journal formerly known as the Harvard Public Health Review. Wrote blog/podcasts on “Examining the Interconnections of RHEC: Race, Health, Education, and Climate”. Website: www.hphr.org

Polygence, Mentor**September 2021-Present**

One on one mentoring program between students and a selected mentor. Students work on various projects ranging from podcasts to research papers to docuseries to creative portfolios. Helping guide the students through their projects, creating assignments, offering feedback, and providing assistance throughout the program.

U.S. Environmental Protection Agency (EPA), Management and Program Analyst**May 2018-October 2021**

Worked as a Management and Program Analyst in the Office of Inspector General, Office of Evaluation. Worked in the Water Directorate to evaluate and review EPA's water programs and responses to water-related issues. Worked on OIG reports related to the Flint Water Crisis; the responses to Hurricane Harvey, Irma, and Maria; and COVID-19 impacts on tribal water systems. Conducted audits and evaluations based on the GAO Yellow Book Standards. Experienced working with Clean Water Act sections 303, 401, and 404

Harvard Forward, Candidate**October 2019- August 2020**

Ran as a candidate for the Harvard Board of Overseers, the highest elected government body of governance. Had 5,000 alumni sign a petition to reach the ballot. Harvard Forward is a coalition of alumni, students, and faculty seeking to address both the symptoms and the causes of Harvard's insufficient response to the climate crisis, www.harvardforward.org. Worked to elect five candidates to the Harvard Board of Overseers to move Harvard toward divesting from fossil fuels, committing more resources to climate-focused initiatives, including recent alumni into the governance, and giving a greater voice to students. Host events across the world to gather support. Successfully elected three of the five candidates to the Board of Overseers

Harvard Law School, Legal Intern**August 2018-January 2019**

Participated in the Emmett Environmental Law & Policy Clinic. Researched and drafted proposals for municipal organics waste disposal licensing, standards, and enforcement for an environmental non-profit in Boston, Massachusetts

Center for Sustainable Energy, Clean Vehicle and Business Development Intern**February-May 2018**

Assisted applicants to the Massachusetts Offers Rebates for Electric Vehicles (MOR-EV) and the Connecticut and Electric Automobile Purchase Rebate (CHEAPR) programs. Worked with team members in completing rebate processing and tracking progress. Researched key engagement strategies for informing stakeholders about the electric vehicle industry. Assisted in the coordination and participation in outreach consumer events. Researched opportunities for business development and expansion

Harvard T.H. Chan School of Public Health Environmental Health Department, Take Home Study Research Assistant**January-May 2018**

Assisted in the Take Home Study, looking at occupational exposures brought home from various workplaces. Conducted home visits, during which the worker is interviewed. Collected dust samples from home and fill out an observation checklist Paper: *Factors Affecting Lead Dust in Construction Workers' Homes in the Greater Boston Area*: <https://doi.org/10.1016/j.envres.2020.110510>

Harvard T.H. Chan School of Public Health Environmental Health Department, Inorganic Chemistry Lab Research Assistant**June 2017-March 2018**

Assisted faculty and staff on a variety of projects related to the health effects of air pollution. Assisted in conducting measurements for indoor air quality and asthma studies. Conducted reflectance tests on outdoor black carbon on filters. Conducted measurements on air filters and gravimetric weighing

XL Hybrids, Massachusetts Clean Energy Center Clean Energy Intern**October-December 2017**

Worked with state departments on efforts to use the Volkswagen Environmental Mitigation Trust to electrify/hybridize their vehicles. Analyzed and created Excel and PowerPoint reports from vehicle telematics data regarding the performance

and health of in-field hybrid vehicles. Performed market studies on competitors, potential partners, and addressable markets.

Summarized and follow-up on trade show vendor product information. Processed vehicle sale incentive applications. Produce monthly management key metric reports. Assisted with assembling and producing final grant applications and other reports. Track activities of key stakeholder groups (customers, partners, government, competitors). Assisted with other general administrative needs, including incoming calls/emails. Assist other technical and nontechnical groups as needed.

U.S. Environmental Protection Agency (EPA), ORISE Fellow

June 2016-June 2017

Developed a training document on “How to leverage 3rd parties to grow a green freight program” to be used by international green freight programs. Analyzed the state of engagement of SmartWay Transport Partnership 3rd party Affiliates. Analyzed feedback form responses and reached out to each affiliate State Trucking Association. Created an affiliate newsletter and newsletter and material for National Truck Driver Appreciation Week

University of Michigan School of Natural Resources and the Environment, Research Assistant **June-Dec 2016**

Developed and conducted research on a case study about electronic waste processing in Ghana. Wrote a case study and podcast on Electronic Waste for Michigan Sustainability Cases found here: <http://www.learnmsc.org/cases/ewaste-in-ghana#/>. Conducted field research on the health and environmental issues created by Electronic Waste in Accra, Ghana and Agbogbloshie slum; the research has been submitted to World Development Perspectives for publication. The case study is used in Environment 380: Mineral Resources, Economics, and the Environment, as a learning tool and was utilized in other U.M. classes as well. Assisted in running the Ghana Coastal Ocean Environment School, which consisted of over 100 students found here <https://coessing.org/>. Interviewed several stakeholders from e-waste workers, Ghana EPA employees, Ministry of Trade and Industry, National Youth Authority, Jekora Ventures waste management, Black Star Solar non-profit, and Help the African Child non-profit, and Dr. Tom Robbins from UM SPH for a podcast component of the case study

Graham Sustainability Institute (University of Michigan), Student Sustainability Initiative Administrative Coordinator

September 2016-April 2017

Worked on connecting students and administration together to jointly accomplish sustainability/environmental Projects. Met with other sustainability leaders to work on increasing sustainable practices and initiatives on campus. Served as a resource to over 30 student groups to foster collaboration. Planned roundtables, review grant applications, and coordinated sustainability events and initiatives

U.S. Environmental Protection Agency (EPA), SmartWay Transport Intern

June-July, 2015

Created and developed a training program for dealers to market EPA SmartWay Designated tractors and trailers to customers. The training program is now used to educate the dealers. Created an instructional presentation and video, explaining the navigation to find EPA SmartWay tractor and trailer logos. The video was placed on SmartWay's Partner Portal for over 3,000 partners to see.

Planned and organized the Michigan Climate March. The march occurred during the COP21 Paris Climate talks on December 12, 2015. Reached out to hundreds of organizations, did T.V. appearances for advertising. Worked weekly with other members from the University of Michigan and Ann Arbor community to plan the march. Overall over 850 people attended the march. Served as the principal videographer for the march.

CONFERENCES AND PRESENTATIONS

- **Harvard-Kaohsiung Medical University Mini Research Symposium on Environmental Medicine 2018**, Presentation on “The world’s electronic graveyard: What is the solution to Ghana’s e-waste dilemma?”
- **DayCon 2018, Harvard Science in the News**, The World’s Electronic Graveyard: What is the solution to Ghana’s ewaste dilemma?, Presented a 20-minute presentation at DayCon 2018. Available here: <https://www.youtube.com/watch?v=0eP48yfA8Dw>
- **Planetary Health Annual Meeting 2019, Planetary Health Alliance**, Electronic Graveyard: What is the solution to Ghana's e-waste dilemma?, Presented a poster at the 2019 Planetary Health Annual Meeting
- **Galaxy 2019, University of Michigan SEAS**, Innovation Award presenter
- **APHA 2020 Annual Meeting and Expo**, Selected abstract presenter. Abstract Title: *Evaluating the effectiveness of*

- Toweh, J., Diffenbaugh, N. S., & Azevedo, I. (2022, December). Identifying the Effect of Severe Weather caused Power Outages on Human Health. In *AGU Fall Meeting Abstracts* (Vol. 2022, pp. GH25E-0629).

PANEL PARTICIPATION

APHA 2020 Annual Meeting and Expo, Selected abstract presenter. Abstract Title: *Evaluating the effectiveness of scrubber installation on sulfur dioxide emissions from coal electricity generating units* ; **First Gen Grad Life, Amherst College**, April 2018, Was a panelist for a discussion on graduate school life for first-generation students. **Candidate Town Hall**, Harvard Forward, March 2020, Discussed the Harvard Forward platform and answered submitted questions. **Earth Day 50**, Earth Day Initiative, April 2020, Discussed how the Harvard Forward campaign was working to combat the climate crisis. **Harvard Forward Town Hall on the intersection of climate, health, and racial justice**, July 2020, Facilitated by individuals from Earth Day Initiative, Plus1Vote, and Sierra Club Foundation **Young Elected Leaders Panel**, Harvard Forward, August 2020, Discussion on . how young individuals can run for office and govern. **Actually Confronting the Climate Crisis**, September 2020, A discussion on Harvard's role in the climate crisis and how the university can move forward and create institutional change. **Toward a Just and Equitable Carbon Neutrality Plan**, November 2020, A discussion on the relationship between social and climate justice and how they drive the University of Michigan's carbon neutrality plan. The panel also included Michigan's Lieutenant Governor Garlin Gilchrist Video: https://www.youtube.com/watch?v=2UwJFOU-xa8&ab_channel=VoicesforCarbonNeutrality

Moderating Experience

- **Addressing Public Health through Economic Opportunity – A Conversation with (former Delaware Governor) Jack Markell on Effective Public Service**, Student Moderator, Served as the student moderator for the discussion with Governor Markell. Overview: <https://www.facebook.com/VoicesHSPH/videos/meet-jayson-toweh-student-moderator-for-gov-jack-markell/296511367706315/> , Article: <https://www.medium.com/@VoicesHSPH/addressing-public-health-through-economicopportunity-a-conversation-with-jack-markell-on-a243d1d6bc27>
- **Conversation with former EPA Administration Gina McCarthy, Climate Leaders Program**

PUBLICATIONS

- Le, X. T. T., Dang, K. A., Toweh, J., Nguyen, Q. N., Le, H. T., Toan, D. T. T., ... & Ho, R. C. (2020). **Evaluating the psychological impacts related to COVID-19 of Vietnamese people under the first Nationwide partial lockdown in Vietnam**. *Frontiers in psychiatry*, 11, 824. <https://doi.org/10.3389/fpsy.2020.00824>
- Canavati, A., Toweh, J., Simon, A., & Arbic, B. (2020). **The World's Electronic Graveyard: What is the solution to Ghana's e-waste dilemma?** *World Development Perspectives*. <https://dx.doi.org/10.7302/4867>
- Toweh, J. (2020). *Evaluating the Effectiveness of Scrubber Installation on Sulfur Dioxide Emissions from Coal Electricity Generating Units* (Master Thesis).
- Kashtan, Y., Toweh, J., & Hersbach, T. J. (2022). Universities: cut research links with fossil-fuel companies. *Nature*, 612(7940), 404.
- Wang, E., & Toweh, J. (2022). Holistic Review of the Implications of Autonomous Vehicles. *Journal of Student Research*, 11(3).
- Talukdar, A., & Toweh, J. (2024). Predicting power outages utilizing machine learning and sensitivity analysis. *Journal of Student Research*, 13(1).
- Toweh, J. (2023, November). Identifying and investing in electricity medically dependent homes most at risk to power outages in Georgia. In *APHA 2023 Annual Meeting and Expo*. APHA.
- Oviemhada, U., Lo, F., Tong, V., & Toweh, J. (2023, December). The Role of the Geosciences in Environmental Justice: Perspectives from Community Leaders on Purposeful Science. In *AGU23*. AGU.

GOVERNMENT WHITE PAPERS

- Banks, S., Brunton, C., Butler, K., Joseph, L. A., Roach, T., **Toweh, J.**, & Walker, K. (2020, December). **Region 2's Hurricanes Irma and Maria Response Efforts in Puerto Rico and US Virgin Islands Show the Need for Improved Planning, Communications, and Assistance for Small Drinking Water Systems.**
- Butler, K., Dutton, A., Joseph, L., Mariscal, A., Ross, J., **Toweh, J.**, & Walker, K. (2021, April). **Improved Review Processes Could Advance EPA Regions 3 and 5 Oversight of State-Issued National Pollutant Discharge Elimination System Permits.**
- Brunton, C., Butler, K., Collier, M., Hamann, J., Hess, K., Lilienfeld-Jones, J., Otness, P., & **Toweh, J.** (2021, September). **EPA Needs an Agencywide Strategic Action Plan to Address Harmful Algal Blooms.**
- Banks, S., Butler, K., Dutton, A., Mariscal, A., McGhee-Lenart, R., Otness, P., & **Toweh, J.** (2021, September). **Pandemic Highlights Need for Additional Tribal Drinking Water Assistance and Oversight in EPA Regions 9 and 10.**

OP-EDS

- Toweh, J. (2020). The collision of race, health, education, and climate. Medium.
<https://medium.com/@jtoweh/thecollision-of-race-health-education-and-climate-f7a0358e8172>
- Toweh, J. (2020). Taking action on climate Apartheid: environmentalism is not an option. Our Daily Planet.
<https://www.ourdailypianet.com/story/taking-action-on-climate-apartheid-harvard-forward/>

NEWS FEATURES

1. **The Wall Street Journal: Universities Cut Oil Investments as Student Activism Builds:**
[wsj.com/articles/universities-cut-oil-investments-as-student-activism-builds-11594719181](https://www.wsj.com/articles/universities-cut-oil-investments-as-student-activism-builds-11594719181)
2. **The Wall Street Journal: Harvard University Board Gains Backers of Fossil Fuel Divestment:**
[wsj.com/articles/harvard-university-board-gains-backers-of-fossil-fuel-divestment-11598038138](https://www.wsj.com/articles/harvard-university-board-gains-backers-of-fossil-fuel-divestment-11598038138)
3. **The New York Times: Climate Activists Gain Seats on Harvard Oversight Board:**
[nytimes.com/2020/08/21/climate/harvard-board-climate-change.html](https://www.nytimes.com/2020/08/21/climate/harvard-board-climate-change.html)
4. **Harvard Board of Overseers:** <https://www.harvard.edu/about/leadership-and-governance/board-of-overseers/>
5. **Harvard Forward:** www.harvardforward.org/
6. **COP 27 Instagram Coverage for Stanford University and Doerr School of Sustainability:**
<https://drive.google.com/file/d/1E2aZIL7IUx7LxsAWjhon0RdmwHARtysb/view?usp=sharing>
7. **COP28: Stanford experts on 'loss and damage' and other topics to watch at the U.N. climate summit:**
sustainability.stanford.edu/news/cop28-stanford-experts-loss-and-damage-and-other-topics-watch-un-climate-summit
8. **COP28: Takeaways from the U.N. climate summit:** <https://sustainability.stanford.edu/news/cop28-takeaways-un-climate-summit>
9. **COP28 Debrief: Reflecting on Dubai Outcomes | Webinar:**
<https://youtu.be/uQbp2sVHOMU?si=mwYXXt3FJ4FkCfaq&t=903>
10. **Harvard Forward YouTube:** www.youtube.com/@harvardforward668
11. **Towards a just and equitable carbon neutrality plan:** www.voicesforcarbonneutrality.org/previous-webinars,
webinar 2
12. **Towards a just and equitable carbon neutrality plan video:** <https://youtu.be/2UwjFOU-xa8>
13. **Earth Day Initiative: Earth Day 50- Climate & Our Communities-Divestment from Fossil Fuels:**
[instagram.com/tv/B_X2gosg4R9/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA==](https://www.instagram.com/tv/B_X2gosg4R9/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA==)
14. **Electronic Graveyard What is the solution to Ghana's e-waste dilemma?:** www.learnkala.com/cases/ewaste-in-ghana
15. **Faith and Politics Institute-Jayson Toweh:** www.tinyurl.com/jtoweh-FPI
16. **Fox 2 Detroit: Let it Rip discussion on the aftermath of the 2016 Election:**
https://www.youtube.com/watch?v=IAWvdG0Gjrl&list=PLkEujbaQtuBz4jMbqLTUYN4Oz49N7axpP&ab_channel=YoungAmericansforFreedomattheUniversityofMichigan
17. **Michigan Climate March CTN Soapbox:**
https://www.youtube.com/watch?v=ONWjI6IF63I&t=87s&ab_channel=MichiganClimateMarch

COURSE PROJECTS ADVISED

Shades of Green: Exploring and Expanding Environmental Justice in Practice Projects Advised

1. Climate Resilient Communities: Community Vulnerability Assessment Methodology
2. Coalition for a True School of Sustainability: Building and Sustaining a Grassroots Environmental Movement
3. Environmental Justice Working Group: Building an Environmental Justice Center at Stanford
4. My Green Doctor: Develop an Environmental Justice Learning Tool for Health Professionals
5. Native Plants Garden: Designing garden infrastructure and developing online educational materials
6. Sustainable San Mateo: Equitable transition to electrification (buildings and EVs) and Public transportation with access for all
7. Young Legacies: Coordinating after-school bonding and nature activities for Outsiders Club
8. Rise South City: South San Francisco Air Quality Assessment
9. Protect Jurisac
10. O'Donohue Family Stanford Educational Farm

PROJECTS AS LEAD MENTOR

Polygence and Lumiere High School Student Projects Advised

1. Does Socioeconomic Carbon Footprint disparity call for the variable implementation of climate protection measures amongst the different groups in a rapidly growing economy like India?
2. Evaluating if using gameful pedagogy to create an application that encourages sustainable practices increases action
3. How does the life cycle analysis of gas and electric cars, in terms of greenhouse gas emissions and other environmental impacts, vary over a 10-year period in a specific geographic region?
4. What are appropriate policies and infrastructures to be implemented in developing countries for rapid decarbonization and what are the social and economic effects of such changes?
5. Assessing challenges of renewable energy development in Nigeria and determining opportunities for expansion
6. Improving predictions of power outages and determining resiliency of power grids on the West Coast utilizing machine learning and sensitivity analysis
7. Social Media and the Future of Climate Change
8. Assessing environmental and social impact of recycling systems in the US and around the world
9. Evaluating and Developing Autonomous Vehicles Policies that Maximize Expanding Use
10. How can I make a non-profit business sustainable?
11. How do environmental factors, including weather conditions, air quality, specific weather events, and living conditions, influence individual wellness and mental health in adolescents and young adults in the Bay Area?
12. How has the transition toward renewable energy in the United States impacted different areas (environment, economy, public health, etc) and what are the implications of these changes for sustainable development?
13. Assessing the Economic and Environmental Implication of the Electric Vehicle Transition in India
14. How can the implementation of specialized policies mitigate the aggravation of mental health due to climate change within the DMV?
15. The Effect of Sensor Type and Location on Reported Air Quality Index Reliability
16. Marine Cloud Brightening – An Overview
17. Evaluating U.S. Climate Policy Trajectories: Approaches and Outcomes Over the Next 24 Years
18. Alternate Materials for Photovoltaics
19. In what ways do the different types of microbial fuel cells affect the efficiency of its wastewater treatment and energy production?
20. What impacts will the switch from animal to plant-based agriculture have on the environment
21. and food systems?

LANGUAGE AND OTHER SKILLS

Latin – advanced reader, writer. **Portuguese** – elementary speaker, reader, writer. **Statistical software** – R Studio, STATA, SPSS. **Air Dispersion Software** – HySPLIT Average Dispersion, AERMOD. **Film** – Skilled in documentary filmmaking
Endurance Athlete - Marathon Runner