

Victoria Dinov

(858) 204-7766 | Vicky.dinov@gmail.com

EDUCATION

University of California, Berkeley | Regents' and Chancellor's Scholar | December 2023
Bachelor of Science in Economics, Minor in Data Science | GPA 4.0

AWARDS & RECOGNITION

- Dean's List, 2020-2023
- UCEAP Leadership Award, May 2023
- Cal Leadership Award, August 2022
- Cal Alumni Scholarship, December 2021
- Cal Achievement Award, November 2020
- Rotary New Generations Service Exchange Scholarship, June 2024
- DAAD-STIBET research award, June 2024

PROFESSIONAL WORK EXPERIENCE

ORISE Science and Technology Fellow, Department of Energy, Washington DC, November 2024-present

- Managed the DOE flagship Solar Prize, a \$4.2 million dollar program taking early-stage ideas from concept to prototype and industry testing
- Stood up prize proposals for building-integrated and floating solar photovoltaics to expand the office mission of promoting dual-use solar technologies
- Project manager on nine technical projects within the solar industry, ranging from power electronics to dual-use photovoltaic to c-Si solar technologies
- Led as a secondary project manager on a \$10 million dollar prize focused on agricultural photovoltaics

Techno-Economic Analyst, Technical University of Munich, Munich, Germany July 2024-present

- Conducted data modelling and analysis of water governance indicators within the EU-sponsored RETOUCH NEXUS water governance indicator list using R and Python
- Generated a regression specification and analysis in R for an Environmental Kuznets curve for water pollution indicators within the EU27
- Prepared research on the impact of multi-scale energy governance markers for policy-making

Co-Founder and CFO, Nomadic Drones, Berkeley, CA, August 2023-June 2024

- Developed the business plan, including the capital strategy and marketing plans for our business working to build self-charging autonomous, nomadic drones to provide proactive powerline inspection for transmission and distribution lines
- Selected for the Collider Cup and Big Ideas Contest pitch competitions at UC Berkeley
- Contacted 50+ market stakeholders in the utilities, energy and technology space for capital raising and market discovery purposes

Sustainability and ESG Analyst Intern, Deloitte, New York, New York, June 2023-August 2023

- Conducted an ESG social impact analysis in Python and GRI and created a stakeholder engagement tracker in Microsoft Excel for a Fortune 500 company to identify issues related to business and financial operations
- Prepared detailed internal reports mapping the ISSB final guidelines and the ESRS/CSRD final draft standards, EU Taxonomy and ESRS standards to Net Zero Targets, and disclosures in the ESRS standards related to the LEAP & TNFD recommendations
- Generated a text attraction natural language processing model in Python to map various sustainability themes to different conference websites and agendas
- Formulated a proposal on the PRI & CDP services offered to a Fortune 50 financial services company, along with alignment on current climate services

Global Enterprise Sustainability Intern, Boeing, Chicago, Illinois, May 2022-August 2022

- Conducted sustainability, human rights, and due diligence benchmarking
- Generated methodologies for creating an ICP (internal carbon price) utilizing market research techniques
- Analyzed and benchmarked 5+ ESG rating agencies (MSCI, Sustainalytics, ISS, S&P)

- Audited the annual Boeing sustainability report and ensure it was in line with GHG Protocol, CDP, GRI, SASB, and TCFD (ESG standards and frameworks)
- Led research on quantifying climate-related financial risk using TCFD scenario analysis methods

SELECTED EXPERIENCE

Undergraduate Researcher, Renewable and Appropriate Energy Lab, UC Berkeley, August-December 2023

- Conducted stratified, randomized controlled trial in R to measure impacts of effective and reliable energy systems on health outcomes in the North Kivu region of the Democratic Republic of Congo
- Led a WhatsApp survey data collection, analyzation, and dissertation to reflect results of the trial
- Used R to run an economic regression analysis tools to draw analytical conclusions for data provided by the Congolese Ministry of Health

Director, UC Berkeley Center for Financial Wellness, December 2020- December 2023

- Managed a team of fifteen peer financial aid advisors on the UC Berkeley campus
- Coached more than two hundred students on financial aid wellness topics, including financial aid, credit cards, debt, investing, and more
- Led a cumulative of 50+ workshops on the UC Berkeley campus coaching clubs and classes on how to expand financial aid resources and education on campus

Continuing Legal Education Director, Center on Comparative Equality and Anti-Discrimination Law, August 2020– December 2022

- Led all continuing legal education events, project manager for CLE continuation program
- Conducted research and administrative tasks for the pay equity group to analyze discrimination in wages
- Wrote sections of the 2021 Berkeley Center on Comparative Equality and Anti-Discrimination Law Annual Report
- Recruited 15+ speakers for workshops, conferences, and seminars related to equality and anti-discrimination law

REPORTS & PUBLICATIONS

An Environmental Kuznets Analysis of Water Pollution in Europe Using the Water-Energy-Food Ecosystems Nexus Concept, Primary Author, Submitted to JEM, 2025

Internet of Things could shape healthcare facility electrification: Evidence from the Democratic Republic of the Congo, Contributing Author, MIT A+B Applied Energy Symposium, 2024

Sustainable Management and Conservation of Natural Resources in the Agricultural Sector Using the Water-Energy-Food Ecosystems Nexus Concept, Contributing Author, Submitted to MDPI, 2024

Berkeley Center on Comparative Equality & Anti-Discrimination Law Annual Report, Contributing Author, 2021-2022

COMMUNITY ENGAGEMENT

- DC Tutoring and Mentoring Initiative tutor, tutoring formerly incarcerated youth, 2024-2025
- Berkeley Energy and Resources Collaborative Conference Planner, 2021-2023
- UC Berkeley Center for Financial Wellness, Director, peer-to-peer financial mentoring, 2020-2023
- UC Berkeley Center on Comparative Equality & Anti-Discrimination Law Pay Equity team lead, 2020-2023
- San Diego Sunrise Disability and Accessibility Lead, environmental advocacy group, 2018-2022

SKILLS & PASSIONS

Technical: Python, SQL, R, Stata, ReEDS model, PyPSA, PLEXOS, SciKit Learn, Tableau & Microsoft Office
Languages: English (native), Bulgarian (native), Spanish (fluent), Portuguese (intermediate)

Extracurriculars: Ladies Climbing Coalition DC, Cal Running President, Cal Hiking and Outdoor Society Trip Coordinator, Cal Ski Team, US Arts Studio artist, San Diego Youth Symphony Saxophonist (2 years), ABRSM piano certification

SKILLS

Python, SQL, R, Stata Programming Languages, ReEDS model, Tableau & Microsoft Office
Project Management & Project Lifecycle Management
Multilingualism: Spanish, English, and Bulgarian