

NINA DUDNIK

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PROFESSIONAL EXPERIENCE

Seeding Labs, Founder and CEO

Boston, MA, 2003 - 2019

Strategic thinker and entrepreneur with a proven ability to inspire and unite people in pursuit of a common vision to drive business and social change.

- Developed an all-volunteer organization to a fully operational, award winning non-profit.
- Increased operating budget 11,000% from initial \$300 bootstrapped startup to \$3+MM in 2018.
- Raised \$6.7+MM in funding from US government, foundations, universities, corporations, individual supporters.
- Delivered equipment and supplies worth \$9+MM to 34 low- and middle-income countries, managing the end-to-end supply chain to over 32,000 scientists at 69 institutions, meeting all US and foreign customs regulations.
- Introduced a talent selection process to vet a pipeline of up-and-coming scientists in emerging economies.
- Provided introductions and resources for global scientists tailored to their specific research interests ranging across antibiotic resistance, non-communicable and infectious diseases, environmental monitoring and crop protection.
- Cultivated a network of 150 collaborators from public sector, non-profit, academia, pharma, and device manufacturers, to invest resources, share best practices, and support scientific research in emerging economies.
- Partnered with multiple F500 companies, engaging personnel from the loading dock to the C-suite, to integrate sustainable asset management, emerging market strategy, and social responsibility; communicate impact to investors and communities; and improve employee and customer engagement.
- Pioneered in-person and virtual exchange programs between US and global scientists, conducting cross-cultural orientation for participants, and delivering a curriculum of grant-writing and professional skills training.

Africa Rice Center, U.S. Fulbright Scholar

Bouaké, Côte d'Ivoire, 2000 - 2001

- Assessed rates of cross-breeding between rice species using DNA-based markers, adapting US-developed scientific protocols to a West African laboratory setting.
- Supported field-based collecting missions to assess farmer-held rice varieties.

Bioversity International, Genetic Resources Assistant

Rome, Italy, 1998 - 2000

- Trained and advised NGO employees and genebank managers from Europe, West Africa, North Africa and the Middle East on molecular tools for biodiversity studies to improve genebank management and accelerate plant breeding.

EDUCATION

Harvard Medical School

Cambridge, MA, 2001 - 2008

- PhD, Biological and Biomedical Sciences. Histone variants and gene expression in *Drosophila*.

Brown University

Providence, RI, 1994 -1998

- ScB Biochemistry, Magna cum laude, with honors.

ADDITIONAL INFORMATION

- Fellow and mentor within multiple global innovation networks: MIT \$100K Alumni (2006), Echoing Green Fellows (2007), TED Fellows (2010), PopTech Social Innovation Fellows (2010).
- Recognized with multiple awards including John F. Kennedy New Frontier Award (2014) and Scientific American Worldview 100 Most Influential People in Biotechnology (2015) for global impact on scientific innovations.
- Authored over a dozen op-eds and articles in publications including The Wall Street Journal, Scientific American, and the Harvard Business Review blog.
- Delivered over 50 keynote speeches and panel contributions for audiences including the Max Planck PhD scholars, MilliporeSigma global town hall, and the World Economic Forum Africa.