

MOLLY BARGER STEINWALD

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RELEVANT WORK EXPERIENCE

Florida Department of Health in Indian River County. Vero Beach, FL. 07/2019-pres. Healthy Communities Coordinator.

Recruited to new position. // Act as project manager & teach edible garden installation & nutrition & physical activity classes for low-income individuals, families, school & afterschool programs. // Direct implementation of Park Rx program for healthcare providers to prescribe green spaces for physical & mental health treatments. // Develop, coordinate & implement employee wellness strategies via policy, systems & actions to increase healthy food access, physical activity, & biophilic design elements in the workplace. // Write proposals, reports & manage program budget. // Represent the Department at collaborator meetings. // Serve as core member of Quality Improvement & Health Promotion committees. // Act as emergency response team member in hurricane & other community disasters.

The Human Nature Foundation. Vero Beach, FL. 05/2019-pres. Founder & CEO. 501c3 incorporated 05/2019, the goal is to decrease screen time & promote multisensory & minimalistic living to improve mental & ecological health.

Jimmy Graves Foundation. Vero Beach, FL. 01-05/2019. Interim Executive Director. (A 2-yr 501c3 family foundation.)

Recruited; no dir. for 3 mo. prior. // Co-led strategic planning retreat with outside consultant. // Worked with family, board & community members to re-envision, rebrand & update the org mission & vision for use of a 12-acre undeveloped urban green space family had purchased to honor deceased son. // Led financial analyses of all operational services & made economically viable changes. // Built &/or updated to best practices all human resource, financial, contract, communications, & governance policies & procedures. // Increased the constituent database by 1,800%, strategically targeting high probability donor prospects. // Advised elimination of staff positions, including interim dir. position, until family & board agreed on common vision & a financial growth strategy was adopted.

Environmental Learning Center. Vero Beach, FL. 2014-19. Executive Director. (A 64-acre 501c3 nature ctr.)

Recruited to follow 26-yr founding dir., absent at my arrival. Org in significant operating deficit for 7 yrs prior. // Directed 14-member staff & 260 volunteers. \$1 mill. operating budget & \$3.5 mill. endowment. // Directed numerous programmatic, operation & campus improvement initiatives to meet current societal needs/interests, align with state/national STEM standards, link human health to environmental health, increase earned income & donor opportunities, & provide a continuum of experiences for all ages, interests & abilities. // Developed & led multiple visioning, assessment & team building retreats for staff, volunteers & board. // Led application, completion & implementation of recommendations of the Amer. Alliance of Museum's Museum Assessment Program (AAM MAP) focused on Community Engagement, the org's 1st ever external review. // Worked closely with key board members to update mission, board member roles & responsibilities, & bylaws, the latter not updated since 1988. // Worked alongside Treasurer & auditor to significantly improve financial tracking & reporting. // Reduced operating deficit by 2/3 in 1st 7 months. Attained break-even operations in next 2 of 1st 3 yrs. // Secured 10x more grant funding in 2nd yr than org received in any year prior. // Led quality & advertising improvement of member benefits so member participation increased 250%. // Updated admission & financial aid policies & practices so financially needy participation increased 900%. // Led improvement of campus care & visitor amenities so that non-member visitation increased 55% & total attendance increased 65%. // Led staff to develop & implement natural disaster, active shooter & other safety/operational plans. // Worked closely with Board, master plan & fundraising consultants to complete a 10-yr Master Plan, strategic plan, & conduct a capital campaign feasibility study, not done since org began.

La Roche College. Pittsburgh, PA. 2014. Adjunct Faculty. Taught Human Anatomy & Physiology lecture & lab for nurses.

Phipps Conservatory & Botanical Gardens. Pittsburgh, PA. 2010-14. Recruited as Assoc. Director of Science Education & ended as Director of Science Education & Research. // Directed 5-member staff & approx. 60 volunteers. Budget just shy of \$0.5 mill. // Led the majority of youth education, outreach, & research programs, including but not limited to: all on-site & off-site preK-12 school programs, seasonal camps, high school & college internship programs, teacher

professional development, paid workforce development for at-risk youth, grad. fellowships, & collaborative education & health research. // Developed & directed numerous new collaborations with local to international organizations, addressing issues including environ. sustainability, nature's role in human health, educational pedagogy, & social justice. // Tripled educational offerings for youth, families & schools, & doubled its outreach programs for underserved youth, while systematically reviewing & infusing best practices into pre-existing & new programming. // Directed the growth & evolution of a research fellowship program to a nationally recognized hybrid model of financial support & science communication training for PhD students across the U.S. // Lead team member in updating org strategic plan, mission & vision. // Lead team member in completion of AAM MAP program. // Regularly served as key org representative or jointly with Exec. Dir. in presentations at the local, state, national & international level funders, many focusing on sustainability, biophilic design, & green building. // Worked both solo & closely with Develop. Dir. to secure grants, underwriting & other funds for pre-existing & new science education & research programs. // Led team members in development & creation of 2 participatory nature play areas & indoor play farmer's market. // Directed reconstruction of a science exhibit space to one engaging visitors in authentic research with current grad. student scientists. // For the Living Building: acted as lead team member in design & output of communications, interpretive panels & tours for the public, selection of materials to go into the building, managing transition of staff into building, and designing the Sustainable SITES living landscape on & around the building to maximize participatory learning.

Miami University. Oxford, OH. 2005-10, '14. Faculty, Project Dragonfly; Lab. Manager, Lab. for Ecophysiological Cryobiology; Asst. Dir., Howe Ctr. for Writing Excellence; Grad. Student Instructor, Biology Department. Taught undergrad labs: Cellular & Molecular Biology; Comparative Vertebrate Anatomy (laboratory coordinator); Principles of Human Physiology. Taught grad hybrid/online classes: Conservation Science & Community; Kenya: Wildlife & People, Integrated Landscapes; Plants & People; Primate Behavior & Conservation.

Ave Maria University. Ypsilanti, MI. 2002-05. Recruited as Science Lab. Instructor, International Student Advisor & Residence Life Asst. Dir. & ended as Biology Lecturer, Science Lab. Dir. & Academic Advisor. Taught undergrad lectures: Cellular Biology; Organismal & Population Biology. Taught undergrad labs: Cellular Biology; Genetics; Organismal & Population Biology; College Physics I; College Physics II; Principles of Physics.

Purdue University. West Lafayette, IN. 2000-02. Grad. Student Lab Instructor, Biological Sciences. Taught undergrad labs: Development, Structure & Function of Organisms; Ecology, Diversity & Behavior.

University of Dallas. Irving, TX. 1996-99. Undergrad. Student Teaching & Research Asst., Biology. Taught labs: Animal Behavior; Avian Ecology. Project coordinator for avian & plant community ecology research.

RELEVANT EDUCATION

Ph.D. Candidate, Biology (environ. education research). Miami Univ. Oxford, OH. 2005-10. // **M.S., Ecology.** Purdue Univ. W. Lafayette, IN. 2004. // **B.S., Biology.** Univ. of Dallas. Irving, TX. 1999. // **Diploma.** Manchester H.S. West. NH. 1995.

Select Certificates: Conservation Psychology Institute. Antioch Univ. New England. // Science of Well-Being. Yale Univ. // National Nutrition Certification. Utah State Univ. // Evidence-Based Interventions for Public Health. Columbia Univ.

Select Professional Development: Board Members as Excellent Fundraisers; Capacity Building for Nonprofits; Getting Governance Right; Creating a Diversified Fundraising Program; Effective Year Long Intentional Board Recruitment; Essentials of a Strategic Plan; Planned Giving; HR Essentials. Rollins College, Grad. School of Business. // Landscapes for Life, Train the Trainer. Lady Bird Johnson Wildflower Center & U.S. Botanic Garden.

SELECT GRANTS & FUNDED PROJECTS

Homeowner Association Sustainable Landscaping Education. \$30,000. // Nature-based Therapy to Improve Human Wellness. \$100,000. // Nature Playscape Pilot Installation. \$20,000. // Technology to Transform Under-Served Youth into Next-Gen Sustainability Scientists. \$30,000. // Integrating Nature, Active Play & Caregiver Training in Early Childhood Education Centers. \$15,000. // Patti Burns Excellence in Environ. Communication. \$50,000. // Increasing Nature Access for People with Disabilities. \$50,000. // Eco-Science Outreach & Workforce Development for Low-Income Youth. \$90,000.

SELECT PRESENTATIONS, PUBLICATIONS & PRESS COVERAGE

Presentations: 70+ peer-reviewed or invited/keynote since 2009 at conferences, univ. & other venues nationally & internationally. Examples: *Diversity, equity & inclusion (DEI): Policy & practice*. Amer. Public Gardens Assoc. 2019. // "Sustaining our World" Plenary Lecture. *Human[-]Nature: Care for our world is care for ourselves*. Univ. of Washington. 2015. // *Using the museum to reinvent humanity's relationship with nature*. Amer. Alliance of Museums. 2013. // *Fostering environmental & human health by connecting the natural & built environments*. Intl. Living Future Institute. 2011.

Publications: 5 peer-reviewed. Example: *Multi-sensory engagement with real nature relevant to real life*. In book, "Multi-modal museum: A cross-disciplinary perspective on multiple modalities of a museum experience." 2014. // *Female mobility & the mating system of the banner-tailed kangaroo rat*. J. of Mammalogy. 2014. // *Picture polar science: using Gigapan to connect classrooms to Antarctic cryobiologists*. Proc. of Fine Intl. Conf. on Gigapixel Imaging for Science. 2010.

Press Coverage: Featured Alumni. Purdue Alumni Magazine, Smr. 2019. // *A Living Future: Our Connection with Nature is Key, Says Educator*. Radish Magazine. // *Personality Test: Molly Steinwald*. Pittsburgh Post Gazette. // *Urban naturalist: Molly Steinwald Challenges City Kids to Find the Wilderness in a Sidewalk Crack*. In 'Look Who's Changing the World.' Grist.

OTHER SELECT RELEVANT EXPERIENCE

Professional/Civic/Academic Service: Let's Move Museums & Gardens Founding Working Group; Green Buildings & Landscapes Section. Amer. Public Gardens Assoc. // Children's Services Advisory Comm., 1 of 5 appointed reps advising County Commission. Indian River, FL. // Grant Reviewer. Institute for Museum & Library Services. // Foundation Board; Grant Reviewer; Environ. Comm. Chair. North Amer. Nature Photography Assoc. // Advisory Council & Environ. Health Working Group. Community Health Needs Assessment & Improvement Plan. Indian River, FL. // Grant Reviewer. National Science Foundation (NSF) Advancing Informal STEM Learning. // Board. Soc. for Conservation Biology's Religion & Conservation Biology work group. // Strategic Planning Task Force. National Academy of Sciences' Science & Engineering Ambassadors. // Advisory Panelist. NSF Ctr. for Advancement of Informal Science Education. Washington, DC. // Reviewer. Journal of Ecopsychology. // Founding Exec. Comm. Let's Move Pittsburgh: Promoting Children's Healthy Lifestyles.

Awards & Appointments: Scholarship. *Creating Healthy Communities: Arts + Public Health* conference. // Scholarship. Amer. Community Gardening Assoc. conference. Indianapolis, IN. // Leadership Indian River County. Chamber of Commerce. // Visiting Scholar. Univ. of Pittsburgh's Ctr. for Learning in Out of School Environ. // Ecolog. Soc. of Amer.'s "Focus on Ecologists". 1 of 30 intl. // Fine Outreach for Science Fellow. Carnegie Mellon Univ. 1 of 25 intl. scientists.

Other Activities: Created 25+ photography & multimedia exhibits or publications, & taught 20+ photography workshops for scientists, educators & youth, focused on human-nature interactions & science comm. // Exhibits include the Sundance Film Festival & World Wilderness Congress & publications include multiple Orion Magazine articles & David Sobel books.

Field Skills: Live-trap, ear-tag, spool-&-line track, mist-net, band, mammal/avian/plant ID, blood/tissue/fecal sample, focal & scan sample, pit-fall trap, insect tag, ethogram, avian/mammal study skin prep, transect & point-count, dissection. Conducted extensive research in small mammal behavior & genetics, effects of non-native plants on communities, bird behavior & population trends, & human interactions with local natural environments.

SELECT PROFESSIONAL MEMBERSHIPS

Amer. Community Gardening Assoc. // Amer. Public Gardens Assoc. // Amer. Alliance of Museums // Ecolog. Soc. of Amer. // National Recreation & Park Assoc. // Org. of Biological Field Stations // Soc. for Conservation Biology