



Explore



Engage



Experience



Embark



Elevate

## Curriculum Vitae (CV)

*Because of the research, teaching, and publications that are listed on a CV, it may be several pages long, which is acceptable and appropriate. The typical résumé should NOT follow this example.*

### PAT M. MARTIN

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### EDUCATION

Stanford University, Stanford, California

Ph.D. in Biological Sciences, 20XX, Area of Specialization: Population Biology

Thesis: *"Title of Thesis"*

M.S. in Biological Sciences, 19XX

Northwestern University, Evanston, Illinois

B.A. in Biological Sciences, concentration in Ecology and Evolutionary Biology, 19XX

B.A. in Biochemistry, Molecular Biology and Cell Biology with honors, 19XX

B.A. in Integrated Science Program, with honors, 19XX

### RESEARCH INTERESTS

- Theoretical and field study of ecological communities.
- The roles that spatial patterns and processes play in shaping communities.
- How populations and processes that act on different spatio-temporal scales affect the behavior of ecological systems.

### RESEARCH EXPERIENCE

*Postdoctoral Research:* Environmental Sciences Division, Oak Ridge National Laboratory (research advisor: Dr. Stephen H. Smith), 20XX-Present

- Development of quantitative theory of hierarchical structure in ecological systems.
- Analysis of how ecological communities reflect environmental heterogeneity at different scales.
- Numerical study of foraging behavior with short and long-range movement in heterogeneous environments.

*Doctoral Research:* Department of Biological Sciences, Stanford University (research advisor: Dr. James Randolph), 19XX-20XX

- Field study of the impact of avian predation on *Anolis* lizards in the eastern Caribbean documents the important of differences in spatial scale between prey and predators.
- Theoretical analysis of spatial scale and environmental heterogeneity in models of predator-prey communities.
- Analytical and numerical works shows how species interactions can sharpen underlying environmental patterns and how heterogeneous environments can stabilize predator and prey populations.

*Undergraduate Honors Research:* Department of Biochemistry, Molecular Biology, and Cell Biology, Northwestern University (research advisor: Dr. Peter T. Hart), 19XX-19XX

- Investigation of primary events of bacterial photosynthesis.
- Isolation and spectral analysis of photosynthetic reaction centers.
- Influences of disturbance size and frequency on landscape structure.



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## TEACHING EXPERIENCE

*Instructor:* Outdoor Education Program, Stanford University, 20XX-20XX.

- Lectures and weekend outings, emphasis on alpine ecology, animal tracking, and wilderness skills

*Co-Instructor:* Biology of Birds, Stanford University, 20XX.

- Lectures and field trips; with Dr. S. T. Phillips

*Teaching Assistant:* Systematic and Ecology of Vascular Plants, Stanford University, 20XX.

- Laboratory and field trips

*Teaching Assistant:* Core Biology Laboratory, Stanford University, 19XX.

- Ecology laboratory and discussion sections

*Instructor:* Chemistry Laboratory, Kendall College, Evanston, IL, 19XX-19XX.

- Sole responsibility for laboratory in biochemistry, general and organic chemistry

*Wilderness Guide:* Association of Adirondack Scout Camps, Long Lake, NY, 19XX.

- Six-day canoe and hiking trips, with attention to Adirondack natural history

## LEADERSHIP & UNIVERSITY SERVICE

*Tour Guide:* Botanical tours of Stanford campus for Native American Student Orientation, 20XX

- Emphasis on native use of plants

*Tour Guide:* Ecology laboratory teaching assistant orientation, 19XX

- Led natural history tour of field site

*President and Member:* Northwestern Students for a Better Environment, 19XX-19XX

## PUBLICATIONS & PRESENTATIONS

Phillips, S. T. and P. M. Martin. 20XX. Scrub Jay predation on starlings and swallows: attack and interspecific defense, *Condor* 90:503-505.

Martin, P. M. and J. Randolph. 20XX. Avian predation on *Anolis* lizards in the northeastern Caribbean: an inter-island contrast, *Ecology* 70:617-628.

Martin, P. M. and J. Randolph. Predation across spatial scales in heterogeneous environments, *Theoretical Population in Biology* (in press).

Martin, P. M. and J. Randolph. Species interactions in space, symposium paper presented at the 19XX meeting of the Ecological Society of America, Snowbird, UT; to appear in R. Ricklefs.

## REVIEWER

*The American Naturalist*

## AWARDS and HONORS

Hollander Postdoctoral Fellowship (US D.O.E.), 20XX-Present

ARCS Foundation Fellowship, 19XX-20XX

National Science Foundation Graduate Fellowship, 19XX-20XX

Andrew Mellon Foundation Graduate Research Fellowship, 19XX

Phi Beta Kappa, 19XX