

# Wilfred A. Franklin

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## EDUCATION

- MA in Biology, Humboldt State University, Arcata, CA Dec., 1999
- BS in Botany, Humboldt State University, Arcata, CA May, 1996

## TEACHING EXPERIENCE

*Lecturer & Lab Coordinator*, Bryn Mawr College, Bryn Mawr, PA 8/02-present

- Develop, prepare and instruct lectures and labs as well as evaluate students for Plant Biology, Bio 225.
- Develop, prepare and instruct lectures and labs as well as evaluate students for introductory biology courses, including, Biology 101, 102, and non-majors Bio 103.
- Supervise 8-12 teaching assistants and graders.

*Adjunct Professor*, Biology Department, Burlington County College, Pemberton, NJ Fall, 2003

- Lectured for a general microbiology course required in the nursing program. Developed lectures, exams and other forms of evaluation.

*Adjunct Professor*, College of the Redwoods, Eureka, CA 1/99 to 6/2000

- Developed Botany course to meet departmental requirements. Included choosing text, creating lectures and lab curriculum as well as preparing and teaching 3 hr labs.
- Developed Non-majors Biology course to meet departmental requirements. Included choosing text, creating lectures and lab curriculum as well as preparing and teaching 3 hr labs.

*Teaching Assistant*, Biology Department, Humboldt State University, Arcata, CA 6/96 to 12/98

- Taught one lab section a semester for a series of courses including, General Biology, General Botany, Algal Biology, and Fungal Biology

## ACADEMIC SERVICES

- Co-director of the 2005-10 Summer Institute for Philadelphia Area K-12 Teachers, HHMI funded workshops on developing science curriculum.  
<http://serendip.brynmawr.edu/exchange/wfrankli/ii09>
- Instructor for “Fridays in the Lab”. HHMI funded outreach program for 7th and 11th graders at Bryn Mawr College. <http://serendip.brynmawr.edu/local/scisoc/k16/fridays.html>
- Co-director of the Bryn Mawr, Haverford and Swarthmore Tri-college interdisciplinary working group. <http://serendip.brynmawr.edu/local/scisoc/brownbag/>
- Faculty Coordinator of Peer Lead Instruction for the Biology Department. 2004-present
- Faculty Supervisor for student work-study program, Praxis III. 2004-present
- Biology Representative on the College Lab Safety Committee. 2005-present
- Faculty Mentor for Social Justice Pilot Cohort. 2007-2008
- Biology Department Major Adviser. 2009-present

## PUBLICATIONS

Dalke, A. and Franklin, W. Changing Science Pedagogy: Beyond the Quest for Certainty. (In review)

Franklin, W. (2010). Evolution & Phylogenetic Analysis: Classroom Activities for Investigating Molecular & Morphological Concepts. *American Biology Teacher*: Vol 72 (2): p114-119.

Franklin, W. (2008). Effects of Invasive species on Plant Community Structure. *American Biology Teacher*: Vol. 70, (8): p479-482.

Franklin, W. (2003). California Terroir: A Sense of Place. *Cuizine Magazine*: Vol.11, No. 5: p50-53.

Franklin, W. (2003). Dry versus Sweet. *Cuizine Magazine*: Vol. 11, No. 2: p26-28.

Franklin, W. (2002). Discovering Wine – Again? A California Winemaker’s Journey East. *Cuizine Magazine*. Vol. 10, No. 5: p44-47.

## PROFESSIONAL PRESENTATIONS

- Zinfandel of California*. Seminar for Pennsylvania Wine Society. Harrisburg, PA 2/2010
- Mycology Demystified*. Invited presenter at Quadrangle Science Seminars. Haverford, PA 11/2009
- Pinot Noir of California*. Seminar for Pennsylvania Wine Society. Harrisburg, PA 8/2008
- California Terroir*. Seminar for Pennsylvania Wine Society. Harrisburg, PA 8/2007
- Panel speaker at Freedom & Choices for All: Alternative Educational Convention. Villanova University. 4/2007

## ACADEMIC WORKSHOPS AND TRAINING

- Teaching and Learning Initiative* Spring, 2009
- Voluntary enrollment in a semester long course with other interested faculty, designed to investigate and reflect on teaching. Key element was a student-consultant not associated with any personal courses that would observe classes and report back to partnered faculty.
- Engaging Millennial Learners in Math and Science Courses* 6/1/2007
- Conference on alternative teaching methods such as problem-based learning, case-based instruction, just-in-time teaching and project-based learning, for enhancing the engagement and motivation of the new “millennial” generation of learners.
- PowerLab In Education Workshop* 8/17-18/2006
- Training in physiology hardware and software purchased for the Biology Department of Bryn Mawr College.
- Institute for Transforming Undergraduate Education* 6/15-17/2005
- Workshop on problem-based learning in science education
- Bioinformatics Workshop* 6/8-9/2005
- Training in the use of the National Center for Biotechnology Information (NCBI) web tools, software and databases.
- PKAL: Leadership Initiative Seminar* 3/4-6/2008
- Conference on building leadership to create and support lasting interdisciplinary learning environments in Science, Technology, Engineering and Math (STEM).

## PROFESSIONAL MEMBERSHIP

American Biology Teachers Association.	Since 2007
Membership in Phi Kappa Phi Honor Society.	Inducted 1999
Membership in Sigma Xi Scientific Research Society.	Inducted 1999

## OTHER WORK EXPERIENCE

<i>Collaborator</i> in finding initial study sites for NSF Grant on “Community Disassembly and Ecosystem Function: Pollination Services Across Agro-natural Landscapes”.	Spring, 2006
<i>Wine Retailer</i> , Moore Brothers Wine Company, Pennsauken, NJ	7/02 to 12/2006
<i>Winemaker and Vineyard Manager</i> , Eagles’ Crest Vineyard, Chester Springs, PA	4/02 to 7/02
<i>Assistant Winemaker</i> , Edna Valley Vineyard, San Luis Obispo, CA	8/00 to 4/02
<ul style="list-style-type: none"><li>• Wine lab technician, promoted to assistant winemaker and supervisor of wine lab</li></ul>	
<i>Green House and Botanical Garden technician</i> , Humboldt State University	6/96 to 10/98
<ul style="list-style-type: none"><li>• Responsibilities included care and propagation of exotic, primitive and research plants as well as managing biological control organisms.</li></ul>	