

Mary Berbee, how I got into grad school.
Undergrad U. of Minnesota



My PhD project: Electron microscopic study of *Clavicornona* and *Tremella*





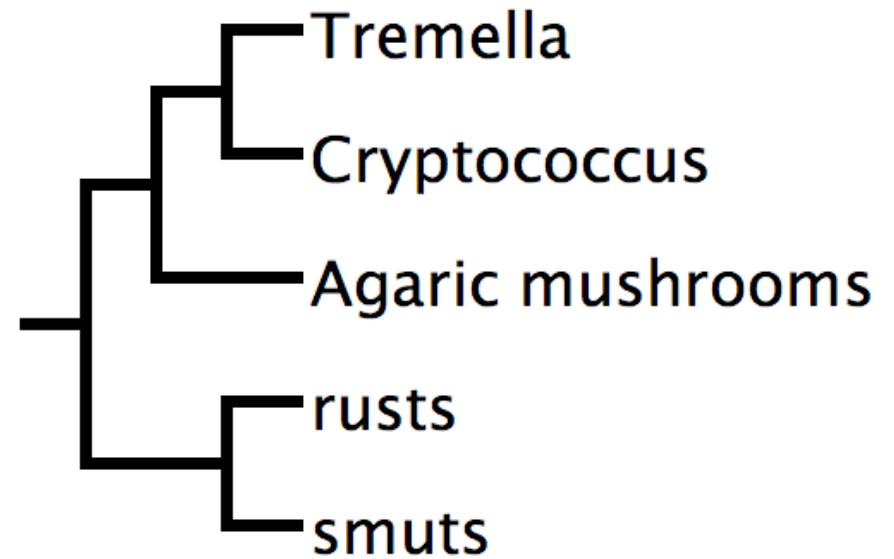
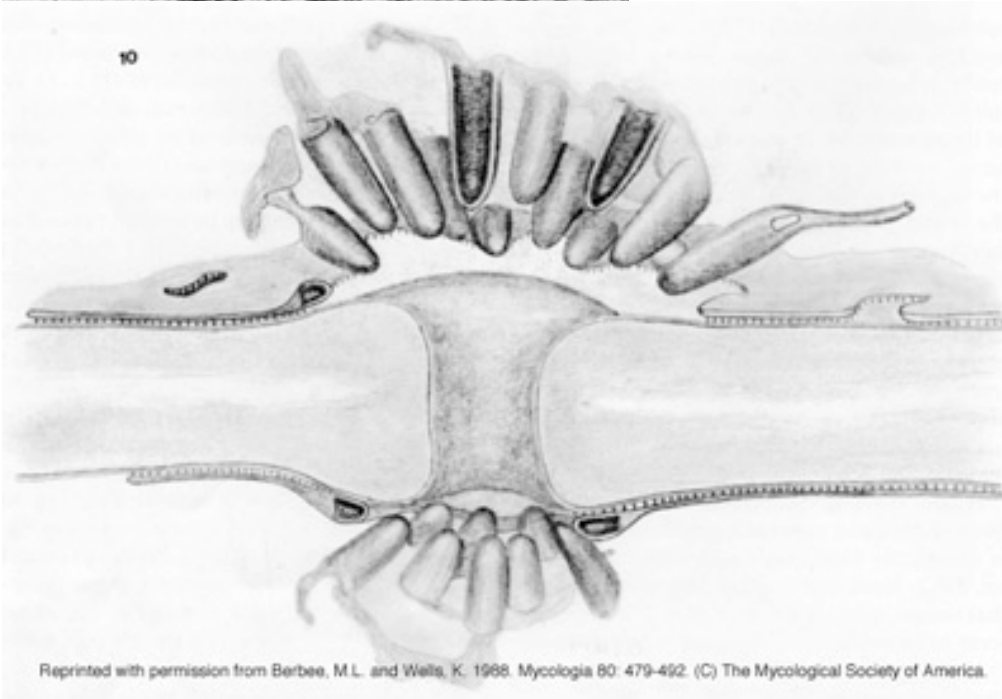
University of
California, Davis
Supervisor
Ken Wells, with his
wife
Ellinor Wells



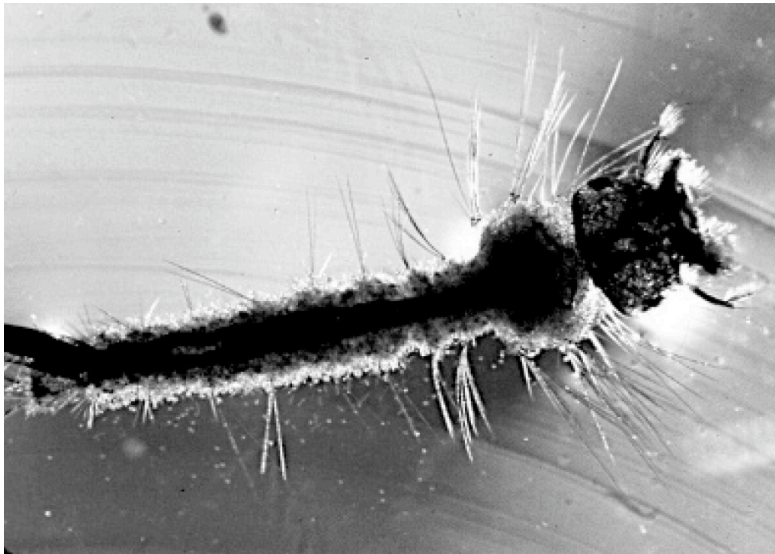
Tremella
globospora, a jelly
fungus, one of the
fungi I studied for
my PhD

Photo: Jean-pierre Duchaume

Septal pore ultrastructure linked *Tremella* and *Cryptococcus* with mushrooms.



I was a postdoc in Bob Washino's lab,
working on a 'fungus' that kills mosquitoes



Dave Carmean, grad student, entomologist worked in the lab feeding mosquitoes.



Sometime later, Dave and I got married



University of British Columbia

Resolving phylogenetic and
evolutionary puzzles using
molecular methods

2013: *Russula* important ecologically as ectomycorrhizal fungi.

Due to lack of underlying systematic study, it is impossible to identify species, to analyze associations between species and hosts, or to recognize patterns of geographical origin, radiation and dispersal.

Heading to grad school?

Ways to get experience working in a lab
& letters of recommendation from
someone who knows you...

SeaRa: Directed
studies Biol 448,
Grad stipend



Emma Harrower: 6
credit directed
studies Biol 448,
NSERC USRA



Adam Cappuccino:
NSERC USRA

Research
Technician, Ag.
and
Agrifoods
Canada



PhD student,
NSERC
fellowship,
at U. of
Tennessee



Student; Yo San
Univ, of
Traditional
Chinese
Medicine

Work learn

<http://www.students.ubc.ca/careers/students/work-and-volunteer-opportunities/work-learn/>

Apply directly for posted positions, Aug.-Oct. for academic year.

- Apply in spring semester for summer positions.
- Canadian citizen or permanent residents only.
- Up to 10 hours per week, ~\$12/hour up.

Info Sessions

Co-op Info Sessions for Potential Students

We invite you to attend one of our info sessions to learn more about the benefits of being a Co-op Student.

Upcoming Info Sessions

January/February, check web site

*students in Life Sciences only need to attend one of the above sessions

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Coop considerations:

Need extra term to graduate.

But gain good work experience AND get paid while working.

Getting in:

- Apply in year 2-3 to UBC Science Coop
- Need 68% average, demonstrated mature attitude, team work, leadership potential etc.

Directed studies Biology 448

- 3 credits as biology major program elective.
- 120 hours of work.
- Project and evaluation style negotiated with supervisor

Biology Honours Information

- Apply after acceptance into 3rd year Biology Major Program.
- Minimum ~75% average in year prior to application.
- Thesis research in 4th year.

National Science and Engineering
Research Council
Undergraduate Student Research
Awards

NSERC USRA

Summer research jobs, 16 weeks,
~\$13/hour.

Awards based mainly on marks.

National Science and Engineering Research Council Undergraduate Student Research Awards

Deadline: Application due date
varies by department, usually late
February for undergrad awards.
Apply through faculty sponsor.

National Science and Engineering Research Council

Post graduate scholarships

- PhD apply in Sep; up to 5 schools
- MSc apply Dec
- 2 Letters of recommendation
- Potential university, supervisor, idea for a project
- Selection based on marks, research potential, letters.

