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University of California, Berkeley | College of Natural Resources
A Newsletter for Faculty, Students, Staff and Friends of the Department

PLANT & MICROBIAL BIOLOGY

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See the bigger picture. Make a better world.

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Taylor-White Endowed Lecture Features Fungal Expert

The final seminar in the Fall 2013 Plant and Microbial Biology Department Seminar Series features James Anderson of the University of Toronto. He specializes in Cell and Systems Biology and his lecture is entitled "*Architecture of Microevolutionary Change in Fungal Populations*"

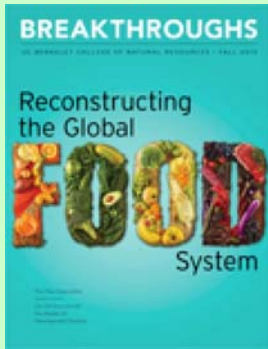


The seminar will be from noon to 1 pm on Wednesday, December 4, 2013 in 101 Barker Hall. A reception will follow in 338 Koshland Hall.

For more information on the Taylor-White endowed lectures please visit: pmb.berkeley.edu/taylor-white

For more information on James Anderson and his research please visit: pmb.berkeley.edu

Bob Buchanan and Sarah Hake Featured in *Breakthroughs*



The Fall 2013 issue of *Breakthroughs*, the magazine of the UC Berkeley College of Natural Resources, features PMB faculty members Bob Buchanan and Sarah Hake.

The Hake article focuses on the origins of her love for science and specifically plant biology, which began when she was an undergrad at Grinnell College.

The Buchanan article focuses on Bob Buchanan's 50 years on the Berkeley faculty, and ranges from topics relating to his family lineage, aspects of his scientific discoveries and the relationships he has built over the years.

For the Hake article, please visit nature.berkeley.edu/breakthroughs/fa13

For the Buchanan article, please go to: nature.berkeley.edu/breakthroughs/fa13/qa-berkeley-my-half-century

QB3-Berkeley Undergraduate Internships - Summer 2014

The California Institute for Quantitative Biosciences (QB3) partners with local biotech companies to offer full-time, hands-on internships to UC Berkeley undergraduates for summer 2014 through the QB3-Berkeley Undergraduate Biotech Internship Program.



Accepted students will spend approximately 10 weeks learning laboratory techniques and contributing to specific state-of-the-art interdisciplinary research projects. Interns become paid, full-time employees of the company for the duration of their internship.

QB3-Berkeley will accept applications until **February 7, 2014**.

Please see this [flyer](#) for more details and/or to print or post.

Additional info is available at qb3.berkeley.edu

Fungal Research Featured in New York Times Video



"Exquisite hydraulic engineering" in fungal colonies is explored in a recent publication by N. Louise Glass and colleagues entitled "Nuclear dynamics in a fungal chimera".

The publication, in the Proceedings of the National Academy of Sciences got the attention of the New York Times and is now featured in the "Science Take" video section, online edition.

Colleagues on the research include Marcus Roper, Anna Simonin, Patrick C. Hickey and Abby Leeder.

Please visit nytimes.com for the full video.

Please visit pnas.org for *PNAS* article.

PMB Spring 2014 Seminar Series

The Spring 2014 Seminar Series schedule is now complete and features a full slate of outstanding plant and microbial biology researchers.



The Spring 2014 Seminars feature two endowed lectures:

- Kelly Craven, a plant pathologist from the University of Kentucky, will be the Buchanan Lecture speaker. His research emphasis is tropic responses and red-ox signaling in fungi and endophyte-grass symbiosis. Craven's program focuses on two basic themes: 1) exploration of microbial bio-diversity in the prairie grasslands and exploitation of microbial symbionts and/or useful genes derived from them for crop enhancement; and 2) basic tropic responses in fungi as they relate to the processes of nutrient acquisition and colonization.
- Robert Blankenship from Washington University in St. Louis will discuss "Mass spectrometric studies of photosynthetic membrane architecture" for the Arnon Lecture on March 5, 2014.

Please visit pmb.berkeley.edu for a full listing of speakers and dates.

Jobs Page - A Variety of Listings, Continually Updated

The jobs page at pmb.berkeley.edu is getting lots of activity. Please check it often for new positions.

Here are a few of the latest:

- Assistant Professor Position - Kansas State University

A tenure-track Assistant Professor position in Microbiology is at Kansas State University.

- Research Position - Plant Gene Expression Center (PGEC)

A position for either a Research Computational Biologist, Research Molecular Biologist, or Research Geneticist (Plants) is available at the Plant Gene Expression Center in Albany, CA.

More information is available at pmb.berkeley.edu/jobs

Important Dates | Upcoming Events

Fall 2013

12/06/13 - PMB Holiday Party, Alumni House

Spring 2014

1/14/14 - Spring Semester Begins

1/20/14 - Martin Luther King, Jr., Holiday

1/21/14 - Spring Instruction Begins

1/22/14 - PMB Seminar Series Begins

1/23 to 1/26 - PMB Graduate Program Recruitment Weekend (candidate interviews 1/24)

2/17/14 - Presidents Day Holiday

3/24 - 3/28/14 - Spring Break

3/28 - Cesar Chavez Holiday

4/12/14 - Cal Day

5/02/14 - PMB Spring Social, Alumni House

5/2/14 - Classes end

5/5 to 5/9/14 - Review Week

5/12 to 5/16/14 - Finals Week

5/26/14 - Memorial Day Holiday

Future

9/05 - 9/7/14 - PMB Retreat, Asilomar

12/12/14 - PMB Holiday Party, Alumni House

5/15/15 - PMB Spring Social, Alumni House

Faculty Meeting Dates for 2013-14:

- December 17th
- January 14th
- February 11th
- March 11th
- April 22nd
- May 29th (First Year Graduate Student Review)



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