



# The Messenger

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March 1, 2016

**Reserve your place for “Knots and DNA,” 6:30 p.m., Wed., Mar. 9**

MSRI and Berkeley City College will present “Knots and DNA,” a lecture by Dr. Mariel Vazquez, 6:30 -7:45 p.m., Wed., Mar. 9 in BCC’s auditorium, 2050 Center St., Berkeley. Dr. Vazquez uses mathematics to explain the way DNA strands are knotted, among other tricky problems. Admission is free and open to the public. Participants are encouraged to reserve seats in advance (at no charge) for early entry at [https://www.msri.org/general\\_events/21923](https://www.msri.org/general_events/21923). Doors open at 6 p.m. for RSVP guests, and at 6:15 p.m. for general seating.

Her talk is part of the “Not on the Test: The Pleasures and Uses of Mathematics” series of 2015-16 public lectures, which are jointly presented by the Mathematical Sciences Research Institute (MSRI) and Berkeley City College (BCC). They are made possible by funding from the Simons Foundation.

“I use math and computers to tackle scientific problems dealing with DNA,” Dr. Vazquez says. “Most cells in your body have two meters of DNA in them. DNA molecules inside a confined environment such as the cell nucleus, just like your headphones in your backpack, tend to intertwine and tie knots.” Hear about how these knots present a “packing problem,” and about the mathematical and computational tools used to tackle it.

Dr. Vazquez is CAMPOS Professor of Mathematics, and of Microbiology and Molecular Genetics at the University of California, Davis. While a postdoctoral student at UC Berkeley, she received an Exxon Mobil Project NExT Fellowship. She is the 2015 Dorothy Wrinch Memorial Lecturer at Smith College, the 2014 recipient of the Mohammed Dahleh Distinguished Lectureship at UC Santa Barbara, a 2012 recipient of the US Presidential Early Career Award for Scientists and Engineers (PECASE), and a 2011 National Science Foundation CAREER awardee.

**Dr. Thomas Carlson presents, “Ethnobotanical Contributions to Human Health,” 7-8 p.m., Wed., Mar. 2 at BCC**

Dr. Thomas Carlson will present “Ethnobotanical Contributions to Human Health,” 7-8 p.m., Wed., Mar. 2, in Berkeley City College’s auditorium, 2050 Center St. between Shattuck Ave. & Milvia St. Dr. Carlson will explore how ethnobotanical discoveries enhance human health and help to cure disease. The presentation, sponsored by the California Institute of Regenerative Medicine (CIRM), is free and open to the public.

Dr. Carlson is a pediatrician and associate teaching professor at UC Berkeley. His primary research interests are in medical and nutritional ethnobotany, ethnoecology, ethnoepidemiology, and the ecology and evolution of human disease. Dr. Carlson has conducted research with, and provided medical care to different ethno-linguistic groups in fifteen different countries in Africa, Asia, Pacific Islands, South America, and North America.

**Dr. Ruth Rosen to present at BCC on “The Women’s Movement: The Longest Revolution,” 12:15 p.m., Tue., Mar. 8**

“The Women’s Movement: The Longest Revolution,” will be presented by Dr. Ruth Rosen, activist, scholar and History Professor Emeritus at UC Davis, at 12:15 p.m., Tue., Mar. 8 in BCC’s auditorium. The presentation, part of Women’s History Month, is free and open to the public. Dr. Rosen is the author of the widely acclaimed, “The World Split Open: How the Women’s Movement Changed America.”

**BCC S.T.E.M. series presents “Preparing Bioengineers for Careers in Biotech and Medtech,” 12:30 p.m., Tue., Mar. 8, Rm. 431**

“Preparing Bioengineers for Careers in Biotech and MedTch,” a presentation by Terry Johnson, associate teaching professor and vice chair of undergraduate programs in UC Berkeley’s bioengineering program, is scheduled 12:30-1:15 p.m., Tue., Mar. 8, Rm. 431, at Berkeley City College, 2050 Center St. between Shattuck Ave. & Milvia St. The event is part of BCC’s S.T.E.M. careers lunch talk series which is free and open to the public.

**Reserve your place now to study in Havana, Cuba, May 28-June 4**

Berkeley City College’s Summer Study Abroad Program will sponsor a one-week study abroad session in Havana, Cuba, May 28-June 4. The study abroad package includes round trip airfare, all transportation and local excursions, one week’s hotel accommodation and two meals per day. One unit of college credit (for SPAN 48UD) is transferable to the California State University system.

Cost for the package is \$2,975 plus \$66 for community college enrollment fees, with a nonrefundable \$500 deposit due Sat., Mar. 26, 2016 and the remainder due Wed., Apr. 27, 2016.

For details, contact Dr. Gabriella Pisano at [gpisano@peralta.edu](mailto:gpisano@peralta.edu) or (510) 981-2917 or Paul Bardwil at [pbardwil@aol.com](mailto:pbardwil@aol.com) or phone him at (916) 225-8207. The brochure and more information can be accessed at <http://www.berkeleycitycollege.edu/wp/cuba-study-abroad/>

**Do your students need help with writing and editing? If so, ENG 208A begins Sat., Mar. 5**

If your students need help with writing and editing papers, essays and other assignments, they can enroll in ENGL 208A, Code #20643 which takes place 9 a.m.-Noon, and begins Sat., Mar. 5 in Rm. 313. The one-unit course is designed to supplement work in classes which require essay writing. It provides coaching to develop editing and revision skills in a structured and supportive environment. Students must register. It is not a drop-in class. For details, e-mail Jenny Lowood at jlowood@peralta.edu.

**Two \$15,000 study in Ireland scholarships available for students; apply by Fri., Mar. 4**

Two \$1,500 scholarships to study in Ireland are available to Peralta students. Application deadline is Fri., Mar. 4. Round trip airfare for both winners will be covered by Aer Lingus. For details on how to apply, contact Drew Gephart at dgephart@peralta.edu or phone (510) 587-7834.

### Berkeley City College Mar. 1-15, 2016 Calendar

- **Tue., Mar. 1—**  
Noon-1:30 p.m., Technology Committee, Rms. 451A&B  
12:15-1:15 p.m., ASBCC Club Rush, BCC Atrium  
2-3:30 p.m., Student Services, Rms. 451A&B
- **Wed., Mar. 2—**  
9:30 a.m.-Noon, Student Equity, Rms. 451A&B  
Noon-1:30 p.m., Student Ambassadors, Rm. 451A  
12:15-1:15 p.m., ASBCC Club Rush, BCC Atrium  
1:30-3:30 p.m., Building User Group, Rm. 451A  
*7-8 p.m., Ethnobotanical Contributions to Human Health, BCC Auditorium*
- **Thur., Mar. 3—**  
9-10 p.m., VPI/Follett Demonstration, Rm. 451A  
9:30 a.m.-Noon, Student Equity Meeting, Rms. 451A&B  
10 a.m.-Noon, Curriculum Committee, TLC, Rm. 341  
10 a.m.-Noon, PIE Committee, TLC, Rm. 341  
10-11 a.m., Equitable Access Team (Student Access and Equity at BCC), South Campus, Rm. 204
- **Fri., Mar. 4—**  
Noon-1:30 p.m., Faculty Senate, Rm. 451A  
12:15-1:30 p.m., Facilities Committee, Rm. 451A
- **Sat., Mar. 5—**  
*9:30 a.m.-5:30 p.m., "How to Change the World," BCC, Rm. 202*
- **Mon., Mar. 7—**  
10-11 a.m., OSPG, Rm. 451B  
12:15-1:30 p.m., Roundtable for Planning&Budget, Rms. 451A&B  
*12:15-1:15 p.m., Women's History Month Event, BCC Atrium*
- **Tue., Mar. 8—**  
*12:15 p.m., "The Women's Movement: The Longest Revolution," with Dr. Ruth Rosen, BCC Auditorium*  
*12:30 p.m., "Preparing Bioengineers for Careers in Biotech and Medtech," with Terry Johnson, BCC, Rm. 431*  
*7 p.m., PCCD Board Meeting, 333 E. 8th St., Oakland*
- **Wed., Mar. 9—**  
9-10:30 a.m., Grant Training, Rms. 451A&B  
Noon-1:30 p.m., Brown Bag Lunch, Rms. 451A&B  
*12:15-1:15 p.m., Traditional Attire Day, BCC Atrium*  
1:30-3:30 p.m., Building User Group, Rm. 451A  
6-9 p.m., Minimum Wage Group, Rms. 451A&B  
*6:30-7:45 p.m., MSRI/BCC present, "Knots and DNA" with Dr. Mariel Vazquez, BCC Auditorium*
- **Thur., Mar. 10—**  
10-11 a.m., Equitable Access Team (Student Access and Equity at BCC), South Campus, Rm. 204  
10 a.m.-Noon, Counselors, Rm. 451A  
10 a.m.-Noon, Curriculum, TLC, Rm. 341  
Noon-1:30 p.m., Education Committee, Rms. 451A&B  
3-4:30 p.m., BCC Classified Senate, TLC, Rm. 341
- **Fri., Mar. 11—**  
1:30-3:30 p.m., Department Chairs, Rms. 451A&B
- **Mon., Mar. 14—**  
10-11 a.m., OSPG, Rm. 451B
- **Tue., Mar. 15—**  
2-3:30 p.m., Student Services, Rm. 451A&B

### College reps visit BCC in March

University reps hosted by BCC's Transfer/Career information center in March include:

*Wed., Mar. 2*

**11 a.m.-1 p.m.** Mills College  
1st Fl. Lobby

*Thur., Mar. 3*

**10 a.m.-1 p.m.** Dominican University  
1st Floor Lobby

*Tue., Mar. 8*

**11 a.m.-3 p.m.** Columbia University  
1st Fl. Floor Lobby

*Thur., Mar. 10*

**11 a.m.-1 p.m.** Golden Gate University  
1st Fl. Floor Lobby

**10 a.m.-1 p.m.**

**CSU East Bay**  
1st Fl. Floor Lobby

*Fri., Mar. 11*

**10 a.m.-2:30 p.m.** UC Berkeley  
2nd Floor Transfer Ctr.

*Mon., Mar. 14*

**11 a.m.-1 p.m.** University of Arizona  
1st Fl. Lobby

*Tue., Mar. 15*

**10 a.m.-2:30 p.m.** UC Berkeley  
2nd Floor Transfer Ctr.

*Wed., Mar. 16*

**10 a.m.-2 p.m.** Samuel Merritt  
1st Fl. Lobby

For details, contact Johnny Dong at jdong@peralta.edu or phone (510) 981-2811.

### The Messenger

... is published biweekly by Berkeley City College's Marketing, Public Relations, and Communications Office. Send your news to:

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Berkeley City College is part of the Peralta Community College District which also includes College of Alameda, Laney College and Merritt College.