

Mathematical Sciences Research Institute



**MEDIA ADVISORY**  
**October 14, 2014**

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**510.642.0448**

**Join Google's Dr. Anna Patterson to Explore**  
**"Search Engines through the Ages:**  
**A Brief History of How We Seek Information"**  
**7 p.m., Wed., Oct. 22 at Berkeley City College Auditorium**

**WHAT: "Search Engines Through the Ages: A Brief History of How We Seek Information."** Accessing information has radically changed through the advent of the internet, as have searching for—and finding—knowledge, news, and gossip. Dr. Anna Patterson takes us back in time before "to google" became the synonym for searching the web, and looks at the different ways we've searched for information, from taxonomies to text to algorithms, and beyond. She explains these changes, presents the latest developments in internet search engines and how current developments will impact the future.

Her talk is part of the "Not on the Test: The Pleasures and Uses of Mathematics" series of six public lectures in 2014–15, which are jointly presented by the Mathematical Sciences Research Institute (MSRI) and Berkeley City College (BCC). They are made possible with funding from the Simons Foundation.

**WHO: Dr. Anna Patterson** is Vice President of Engineering and Artificial Intelligence for Google. She was the architect of one of Google's largest search serving systems TeraGoogle and also led efforts in Web Search, Ads and Shopping. The focus of her current work is on text understanding. She is the co-founder of Cuil a clustering-based search engine and wrote [Recall.archive.org](http://Recall.archive.org), a history-based search engine out of the Internet Archive which showed trends over time. Dr. Patterson received a bachelor's degree in Computer Science from Washington University and her PhD from the University of Illinois Champaign-Urbana.

**WHEN: 7:00–8:15 P.M., WED., OCT. 22, 2014**

**WHERE: Berkeley City College's Auditorium at 2050 Center Street** (between Shattuck Ave. & Milvia St., one half block west of the Downtown Berkeley BART station on Shattuck Ave; for a map, see <http://goo.gl/0vJRT>) in Berkeley. For information, the public can call MSRI at **510.642.0143**.

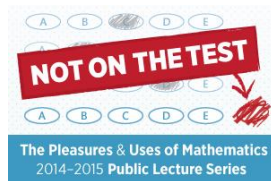
**WEBPAGE:** See [http://www.msri.org/general\\_events/20903](http://www.msri.org/general_events/20903)

**HOW: Free Admission. Reserve your ticket at <http://tinyurl.com/annapatterson>**

**PHOTO:** Photo of Anne Patterson available by request to Anne Pfister at [annepf@msri.org](mailto:annepf@msri.org).

**SPONSOR:** The generous support of the **Simons Foundation** ([www.simonsfoundation.org](http://www.simonsfoundation.org)) has made possible the "Not on the Test" MSRI-BCC lecture series.

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**About MSRI:** The **Mathematical Sciences Research Institute (MSRI, [www.msri.org](http://www.msri.org))**, in Berkeley, California, is one of the world’s preeminent centers for research in the mathematical sciences and has been advancing mathematical research through workshops and conferences since its founding as an independent institute in 1982. Approximately 2,000 mathematicians visit the MSRI each year, and the Institute hosts about 85 leading researchers at any given time for stays of up to one academic year. The Institute has been funded primarily by the National Science Foundation with additional support from other government agencies, private foundations, corporations, individual donors, and more than 100 academic institutions. The MSRI is involved in K-12 math education through its annual Critical Issues in Mathematics Education conferences for educators, math circles, the National Association for Math Circles and its website (NAMC, [www.mathcircles.org](http://www.mathcircles.org)), and Olympiad math competitions; in undergraduate education through its MSRI-UP program; and in public education through its “Conversations” series and a variety of public events.

**About BCC: Berkeley City College (BCC) ([www.berkeleycitycollege.edu](http://www.berkeleycitycollege.edu))**, one of California’s 112 community colleges, is part of the Peralta Community College District, which includes College of Alameda, Laney College and Merritt College. BCC, which began in 1974, is centrally located in downtown Berkeley, only 1-1/2 blocks from the U.C. Berkeley campus. BCC’s mission is to contribute to the success of all students and to the well-being of the community by offering the best possible education which promises intellectual growth, social mobility, economic development and an understanding of diverse ideas and peoples. The college is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges. BCC offers transfer and occupational training classes, associate degree and certificate programs. The college is an active partner in local economic development and employment training endeavors. Financial aid, academic and career counseling, programs for students with disabilities and assistance for economically disadvantaged students are available. The college maintains a strong and unique community college/university collaboration with the University of California at Berkeley. BCC is second in California in the percentage of students who transfer to U.C. Berkeley and is second in the state in the percentage of students who transfer to all U.C. campuses in Northern California.