

## System Support for Collaborative Information Seeking

Social and Collaborative Information Seeking Workshop Rutgers – May 2015



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## Collaborative search





Collaborative search/information seeking involves the same activities [as individual] plus:

- communicating about the information need
- sharing the retrieved information
- coordinating the constituent information
   retrieval activities across multiple participants.

(Poltrock et al., 2003, p.239)





- How does collaboration influence information seeking strategies, processes, behaviors?
- How can systems support (and be aware of) structures in a collaborative search process?
- How can previous searchers' activities and results be made useful for other searchers?

# **ResultsSpace**



results	Space strategies slow population growth worldwide	Welcome, You   Logout
Vsers You Luis	Showing results for: Strategies slow population growth worldwide	Your collaborators' previous 10 queries
	Roundup: Africa Sets Growth Record Last Year roundup: africa sets growth record last roundup: africa sets growth record last to 3 percent growth in southern the highest gdp growth rate in	Martin: population growth strategies Betty: Luis: "sex education" pakistan
Martin	News Analysis: Pakistan Places Population Control On analysis: pakistan places <b>population</b> control on analysis: pakistan places <b>population</b> control on country's fast growing <b>population</b> , which is bring down the <b>population</b> <b>growth</b> rate from	Luis: "sex education" nigeria Luis: sex education nigeria Luis: population growth india Betty: family planning egypt
Relevance Ratings	Roundup: Worries, Hopes Mix Over India's Population Prospects By Zhou Xiaozheng mix over india's population prospects by mix over india's population prospects by xinhua) as india's population crossed the by the mounting population pressure on	Martin: "family planning" china Martin: family planning united states Martin: population growth
	<ul> <li>News Analysis: Population Control, Hard Nut To Crack</li> <li>21 news analysis: population control, hard crack news analysis: population control, hard crack news analysis: population control, hard country's ever growing population. the nawaz now formulating a population control strategy</li> </ul>	developed world Your previous 10 queries strategies slow population growth worldwide
	Tanzania Worried About Rapid Population Growth worried about rapid population growth tanzania worried about rapid population growth dar es	strategies curbing population growth worldwide curbing population growth worldwide
	Population Expected To Hit 6 Billion 11:30:21 usa population expected to hit 6 billion population expected to	
	Bangladesh To Record Zero Population Growth In 2040 to record zero population growth in 2040 to record zero population growth in 2040 see a zero growth in its population in 2040	

Capra, R., Chen, A.T., McArthur, E., and Davis, N. (2013). Searcher actions and strategies in asynchronous collaborative search. Proceedings of the American Society for Information Science and Technology, Vol. 50.

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## Observations



- Strategies
  - Independent
  - Collaborative Parallel
  - Collaborative Divergent
- Triggers to shift strategies
  - Lack of ideas, lack of search terms, trouble finding good results
- Influence of awareness
  - Use ratings to decide actions, help future search, resolve diffs

Capra, R., Chen, A.T., McArthur, E., and Davis, N. (2013). Searcher actions and strategies in asynchronous collaborative search. Proceedings of the American Society for Information Science and Technology, Vol. 50.

# Search Trails



## rSearch

fair trade coffee requirements

search

Showing results for: fair trade coffee requirements

### Fairtrade certification - Wikipedia, the free encyclopedia

#### en.wikipedia.org/wiki/Fairtrade\_certification

This article is about FLO International's Fairtrade certification. For more general fair trade certifications, see fair trade certification.

## Fair Trade Standards | Fair Trade USA

#### fairtradeusa.org/certification/standards

Fair Trade USA audits and certifies transactions between companies in America and their international suppliers to ensure that rigorous Fair Trade standards have been ...

### Fairtrade International / Products / Coffee

#### www.fairtrade.net/coffee.html

Coffee is big business and remains one of the most valuable primary products in world trade. ... making is required. ... Trade Fair Colombia. COTECA Coffee Expo.

### Fair trade coffee - Wikipedia, the free encyclopedia

#### en.wikipedia.org/wiki/Fair\_trade\_coffee

Fair trade coffee is coffee that is certified as having been produced to fair trade standards. Fair trade organisations create trading partnerships that are based on ...

## Certification & Your Business | Fair Trade USA

#### fairtradeusa.org/certification

Fair Trade USA connects farmers, cooperatives and US businesses to facilitate joint business opportunities, relationships, and the growth of the Fair Trade market.

## The Problem with Fair Trade Coffee | Stanford Social ...

www.ssireview.org/articles/entry/the problem with fair trade coffee



Each path shows another person's searches and pages they clicked and saved (10) while doing a similar task.

Path 1 Path 2 Path 3

 requirements for coffee to be labeled as fair trade Q

How to Obtain Fair Trade Certificat... http://www.inc.com/guides/201101/how-to-... ... and a bag of beans must be 100 percent fair trade coffee to be labeled such. However, if coffee beans of fair-trade origin are used in another product, ...

Fair Trade Labeling May Confuse Coffe... http://www.npr.org/2011/11/30/14292929... The fair trade movement, ... For other uses, prior permission required. RENEE MONTAGNE, HOST: For people buying coffee that's labeled fair trade,

IC Fair trade - Wikipedia, the free enc... http://en.wikipedia.org/wiki/Fair\_trade ... setting and certification body for labeled Fair trade. ... is to harmonize fair trade standards and guidelines, ... Fair trade coffee is currently ...

▶ coffee fair trade Q

....

coffee fair trade requirement Q

Capra, R., Arguello, J., Crescenzi, A., and Vardell, E.. Differences in the Use of Search Assistance for Tasks of Varying Complexity. To appear, SIGIR 2015.

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## Questions





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March 13-17, 2016 | Chapel Hill, North Carolina, USA | http://sigir.org/chiir2016/

CHIIR is a forum for the dissemination and discussion of research on the user-centered aspects of information interaction and information retrieval.

CHIIR solicits several types of submissions: full papers, short papers and workshop proposals. In addition, CHIIR will host a doctoral consortium.

Important Dates September 1, 2015: Full Papers Due September 15, 2015: Short Papers & Workshop Proposals Due