



TOURO UNIVERSITY

WORLDWIDE

Find, Evaluate and Cite Articles for Research

Using EBSCO multi-search

Objectives

- Learn how to search for scholarly information using the EBSCO multi-search database portal
- Understand the differences between scholarly and popular publications
- Learn how to read and create citations



Scholarly Articles

Suppose your professor has asked you to find scholarly peer-reviewed articles for a research paper. What does that mean?

Scholarly articles are written by experts in a field and are intended for other scholars in that field

These are often **peer-reviewed**, meaning that other experts have read and approved of the article before publication.

This means that information in the article is most likely to be **credible** and **reliable**.



Where to Find Scholarly Articles

You can find scholarly articles using library databases.

Databases are large digital collections of information – in this case, journal articles and other scholarly information. These are often paid for by libraries, so access is restricted to library users.



Find Articles using EBSCO multi-search

Let's look at how to find articles using the EBSCO multi-search database portal.

This database contains articles from a wide variety of scholarly journals and popular publications.

It is available to Touro students through the Touro Library tab in Integrated Campus



Click on the Touro Library tab in Integrated Campus (IC)

The screenshot shows a web browser window with the URL <https://portal.tuw.edu/portal/library/index.php>. The page header features the Touro University Worldwide logo and a navigation menu with tabs: **Touro Library**, Orientation, Get Started Guide, Home, My Courses, Portal, and Logout. A red arrow points to the **Touro Library** tab, which is also enclosed in a red rectangular box. Below the navigation menu, the page displays a welcome message: "Welcome back Platform Demo! Oct 11, 2017 - 9:36AM PDT" and "Last Login: 10/11/2017 08:29:02 from 67.159.161.210 (view all)". The main content area is titled "TUW Library" and includes a "Database" icon, "eJournals", and "Quick search" options. A "Quick Guide" section provides links for "Library Account Registration", "Basic Search Instructions", and "Research Guides", along with "GET IT ON Google Play" and "Download on the App Store" buttons. A "QUESTIONS? ask a librarian!" button is also present.



Click on the Database Icon

The screenshot shows a web browser window with the URL <https://portal.tuw.edu/portal/library/index.php>. The page header includes the TUW logo and the text "TOURO UNIVERSITY WORLDWIDE". A navigation bar contains buttons for "Touro Library", "Orientation", "Get Started Guide", "Home", "My Courses", "Portal", and "Logout". A welcome message reads "Welcome back Platform Demo! Oct 11, 2017 - 9:36AM PDT" with a "Last Login" timestamp and a "view all" link.

The main content area is titled "TUW Library" and features a sub-navigation bar with "Database", "eJournals", and "Quick search". Below this, a text prompt says "Click on the Database icon below to login and begin your search". A red box highlights a "Database" icon (represented by a blue folder), with a red arrow pointing to it from the right.



On the left side, a "Navigation" menu lists: Home, My Courses, Portal, Library, Ask a librarian, and Logout.

At the bottom, a "Quick Guide" section provides links for "Library Account Registration", "Basic Search Instructions", and "Research Guides". It also includes "GET IT ON Google Play" and "Download on the App Store" buttons. A "QUESTIONS? ask a librarian!" button is located in the bottom right corner of the main content area.



You will be asked to submit your username and password.

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Select EBSCO multi-search

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Select subject area:

ALL SUBJECTS ▾










The following subscribed resources are restricted to the Touro community. They can be accessed on-campus from the Touro network, and off-campus with a [Username & Password](#).

 Includes journals  Open Access (does not require Touro affiliation)

Featured databases:

-  [Proquest Central](#) 
-  [EBSCO multi-search](#) 

All databases:

-  [ABI/INFORM \(ProQuest\)](#) 
-  [Academic Journals](#) 
-  [Academic Search Complete \(EBSCO\)](#) 
-  [Accounting & Tax \(ProQuest\)](#) 
- [ACLS Humanities E-Book Project](#) 



Select all databases and click “continue”

New Search Subjects Publications Company Information More Sign In Folder Preferences Languages Help Exit

Choose Databases
EBSCOhost To search within a single database, click the database name listed below. To select more than one database to search, check the boxes next to the databases and click Continue.

Continue
 Select / deselect all

Library, Information Science & Technology Abstracts
Library, Information Science & Technology Abstracts (LISTA) indexes more than 560 core journals, nearly 50 priority journals, and nearly 125 selective journals; plus books, research reports and proceedings. Subject coverage includes librarianship, classification, cataloging, bibliometrics, online information retrieval, information management and more. Coverage in the database extends back as far as the mid-1960s.
[Title List](#) [More Information](#)

SPORTDiscus with Full Text
SPORTDiscus with Full Text is the world's most comprehensive source of full text for sports & sports medicine journals, providing full text for 550 journals indexed in *SPORTDiscus*. This authoritative file contains full text for many of the most used journals in the *SPORTDiscus* index - with no embargo. With full-text coverage dating back to 1985, *SPORTDiscus with Full Text* is the definitive research tool for all areas of sports & sports medicine literature.
[Title List](#) [More Information](#)

GreenFILE
GreenFILE offers well-researched information covering all aspects of human impact to the environment. Its collection of scholarly, government and general-interest titles includes content on global warming, green building, pollution, sustainable agriculture, renewable energy, recycling, and more. The database provides indexing and abstracts for more than 384,000 records, as well as Open Access full text for more than 4,700 records.
[Title List](#) [More Information](#)

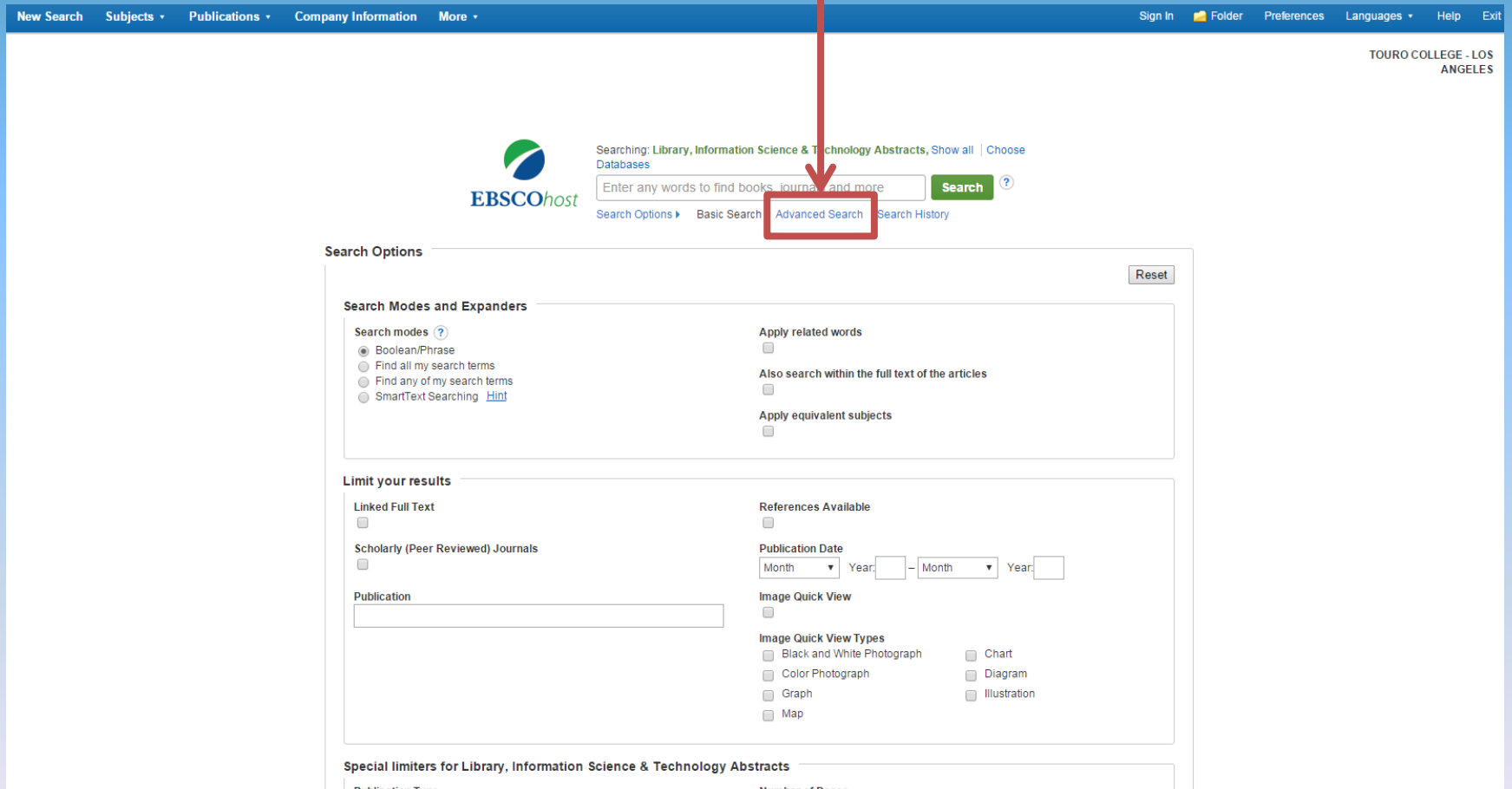
Teacher Reference Center
Teacher Reference Center provides indexing and abstracts for 280 of the most popular teacher and administrator journals and magazines to assist professional educators.
[More Information](#)

eBook Collection (EBSCOhost)
Search and view the full text of eBooks.
[More Information](#)

Education Full Text (H.W. Wilson)
Education Full Text™ provides full text of articles from over 350 journals as far back as 1996, in addition to indexing of more than 770 periodicals dating back to 1983. Content includes in-depth coverage of special education and more than 100,000 controlled and cross-referenced



Select "Advanced Search"



The screenshot shows the EBSCOhost search interface. At the top, there is a navigation bar with links for "New Search", "Subjects", "Publications", "Company Information", and "More". On the right side of the navigation bar, there are links for "Sign In", "Folder", "Preferences", "Languages", "Help", and "Exit". The main header area includes the EBSCOhost logo and the text "Searching: Library, Information Science & Technology Abstracts, Show all | Choose Databases". Below this is a search input field with the placeholder text "Enter any words to find books, journals, and more" and a green "Search" button. Underneath the search input field, there are three links: "Search Options", "Basic Search", and "Advanced Search". The "Advanced Search" link is highlighted with a red box, and a red arrow points down to it from the top of the page. Below the search options, there is a "Search Options" section with a "Reset" button. This section is divided into two main areas: "Search Modes and Expanders" and "Limit your results". The "Search Modes and Expanders" section includes radio buttons for "Boolean/Phrase", "Find all my search terms", "Find any of my search terms", and "SmartText Searching". The "Limit your results" section includes checkboxes for "Linked Full Text", "Scholarly (Peer Reviewed) Journals", "References Available", and "Image Quick View". There are also fields for "Publication Date" (Month and Year) and "Image Quick View Types" (Black and White Photograph, Color Photograph, Graph, Map, Chart, Diagram, Illustration).



Enter your search information at the top of the page.

New Search Subjects Publications Company Information More Sign In Folder Preferences Languages Help Exit

EBSCOhost Searching: Library, Information Science & Technology Abstracts, Show all Choose Databases

Select a Field (optional) Search Clear ?

AND Select a Field (optional)

AND Select a Field (optional) + -

Basic Search Advanced Search Search History

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Search Options

Reset

Search Modes and Expanders

Search modes ?

- Boolean/Phrase
- Find all my search terms
- Find any of my search terms
- SmartText Searching [Hint](#)

Apply related words

Also search within the full text of the articles

Apply equivalent subjects

Limit your results

Linked Full Text

Scholarly (Peer Reviewed) Journals

Publication

References Available

Publication Date

Month Year - Month Year

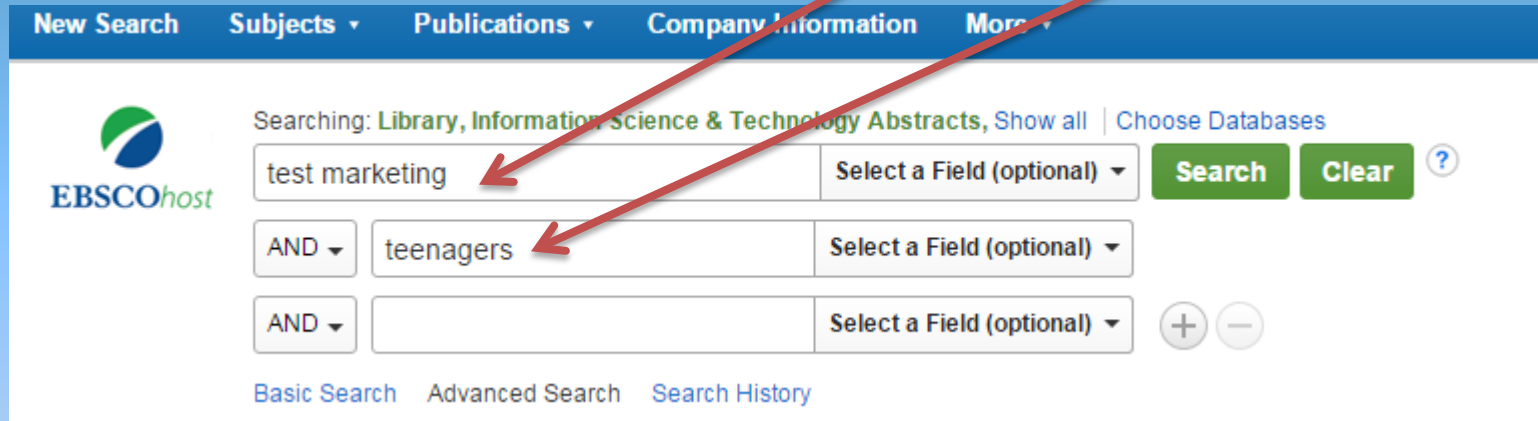
Image Quick View

Image Quick View Types

- Black and White Photograph
- Color Photograph
- Graph
- Map
- Chart
- Diagram
- Illustration



Let's say you want to find out about test marketing products to teenagers. Enter the key terms "test marketing" and "teenagers" then click on the Search button.



The screenshot shows the EBSCOhost search interface. At the top, there is a navigation bar with links for "New Search", "Subjects", "Publications", "Company Information", and "More". Below this, the EBSCOhost logo is visible on the left. The main search area contains a search bar with the text "test marketing" and a dropdown menu labeled "Select a Field (optional)". To the right of the search bar are "Search" and "Clear" buttons. Below the first search bar is a second search bar with the text "teenagers" and another "Select a Field (optional)" dropdown. Between the two search bars is a dropdown menu with "AND" selected. Below the second search bar is a third search bar, which is empty, with another "Select a Field (optional)" dropdown. To the right of the third search bar are "+" and "-" buttons. At the bottom of the search area, there are links for "Basic Search", "Advanced Search", and "Search History". Two red arrows point from the text above to the search bars containing "test marketing" and "teenagers".

Do not type "test marketing products to teenagers"

If you do, results will only include article records that contain all of those words, leaving out many relevant articles. Search only the most important key terms for the best results.



This search has returned 33 results. Not all results are necessarily on the right topic. Let's see if we can narrow it down.

The screenshot shows the EBSCOhost search interface. At the top, there are navigation tabs: New Search, Subjects, Publications, Company Information, and More. The search bar contains the query "test marketing" and "teenagers" connected by "AND". A red arrow points from the text above to the search results count "Search Results: 1 - 10 of 33".

Search Results: 1 - 10 of 33

1. **An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention.**
KONG, ALBERTA S.; FARNSWORTH, SETH; CANACA, JOSE A.; HARRIS, AMANDA; PALLEY, GABRIEL; SUSSMAN, ANDREW L. Journal of School Health Mar2012, Vol. 82 Issue 3, p147 (English Abstract Available), Database: SPORTDiscus with Full Text
Subjects: PREVENTION of obesity; CHILDREN -- Health; HIGH schools; PUBLIC relations; STUDENTS -- Attitudes; STUDENTS; HEALTH; **TEENAGERS** -- Health; PHYSICAL activity; NEW Mexico; ACTION research; INTERVIEWING; RESEARCH -- Methodology; QUESTIONNAIRES; RESEARCH -- Finance; INDUSTRIAL research; QUALITATIVE research; QUANTITATIVE research; PARENTS -- Attitudes; DESCRIPTIVE statistics; ADOLESCENCE

2. **INSIGHTS FROM URBAN INDIAN TEENS ON STAYING HEALTHY: DATA FROM FOCUS GROUPS.**
Mail, Patricia D.; Hawkins, Elizabeth H.; Radin, Sandra; La Marr, C. June; Blume, Arthur W.; Chan, Karen K.; Larimer, Mary; Chastain, Chris; Goines, Marie A., American Journal of Health Studies 2005, Vol. 20 Issue 1/2, p99 (English Abstract Available), Database: SPORTDiscus with Full Text
Subjects: **TEENAGERS** -- Health; PHYSICIAN & patient; INTERPERSONAL relations; FOCUS groups; INTERVIEWING; **MARKETING** research

AP **Associated Press Video** (1) View All

Uzbekistan - Lifestyles

Refine Results sidebar:

- Current Search: Boolean/Phrase: test marketing AND teenagers
- Limit To: Linked Full Text, References Available, Scholarly (Peer Reviewed) Journals
- Publication Date: 1996 to 2012
- Source Types: All Results, Academic Journals (10), News (8), Journals (7), Magazines (3), Trade Publications (2)



On the left hand side of the page, there are a number of ways to refine your search.

The screenshot shows the EBSCOhost search interface. At the top, there are navigation tabs: "New Search", "Subjects", "Publications", "Company Information", and "More". The search bar contains the query "test marketing AND teenagers". Below the search bar, there are options for "AND" and "OR" operators. A red arrow points from the search bar area towards the "Refine Results" sidebar on the left. The sidebar is highlighted with a red box and contains the following sections:

- Refine Results**
- Current Search**: Boolean/Phrase: test marketing AND teenagers
- Limit To**:
 - Linked Full Text
 - References Available
 - Scholarly (Peer Reviewed) Journals
 - Publication Date: 1996 to 2012
- Source Types**:
 - All Results
 - Academic Journals (10)
 - News (5)
 - Journals (7)
 - Magazines (3)
 - Trade Publications (2)
- Subject Thesaurus Term**
- Subject**
- Publisher**
- Publication**
- Company**
- Language**
- Geography**
- NAICS/Industry**
- Database**

The main content area displays "Search Results: 1 - 10 of 33". The first result is titled "An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention." by KONG, ALBERTA S.; FARNWORTH, SETH; CANAGA, JOSE A.; HARRIS, AMANDA; PALLEY, GABRIEL; SUSSMAN, ANDREW L. The second result is "INSIGHTS FROM URBAN INDIAN TEENS ON STAYING HEALTHY: DATA FROM FOCUS GROUPS." by Mail, Patricia D.; Hawkins, Elizabeth H.; Radin, Sandra; La Marr, C. June; Blume, Arthur W.; Chan, Karen K.; Larimer, Mary; Chastain, Chris; Goines, Marie A. The third result is an "Associated Press Video" titled "Uzbekistan - Lifestyles". The fourth result is "Cool test" by Folio, Mikala; Smallbridge, Justin. The fifth result is "How the Studios Used Children To Test-Market Violent Films. (cover story)." by Carvajal, Doreen. The sixth result is "In case you haven't heard..." from Alcoholism & Drug Abuse Weekly.



Try playing around with these options to see what kind of results you get.

Limit To

- Linked Full Text
- References Available
- Scholarly (Peer Reviewed) Journals

1996 Publication Date 2012

Show More
Options set

Source Types

- All Results
- Academic Journals (10)
- News (3)
- Journals (7)
- Magazines (3)
- Trade Publications (2)

Show More

Subject: Thesaurus Term

Subject

- Interviewing (7)
- action research (5)
- adolescence (5)
- descriptive statistics (5)
- Industrial research (5)
- parents -- attitudes (5)

Show More

Publisher

Publication

Company

Language

Geography

- united states (4)
- new mexico (3)
- canada (2)

Show More

NAICS/Industry

Database

- For now, let's select only Scholarly (Peer Reviewed) Journals

- Publication date is very important – we will look at this next.

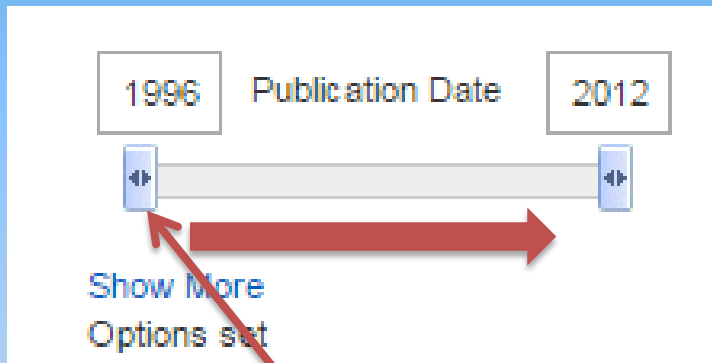
- For the Source Type, select “Academic Journals.”

- Select “teenagers - health” as the official subject heading, you will need to “show more” first

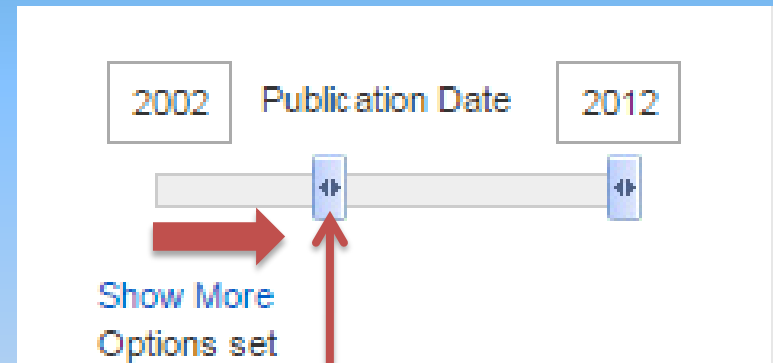
- Select “United States” under Geography



It's usually best to look for recent information – research conducted in 1996 may not be the most up to date.



- You can change the dates by clicking on the scroll bar and sliding it towards the center.



- This will update automatically



Our refined search returns only 2 results. Take a look at them, but remember to take your time and try different limits whenever you search in a database.

The screenshot shows the EBSCOhost search interface. At the top, the search query is "test marketing AND teenagers". Below the search bar, there are two additional search fields, each with an "AND" dropdown and a "Select a Field (optional)" dropdown. A red arrow points from the top text to a red box around the search results count: "Search Results: 1 - 2 of 2".

Refine Results

Current Search

Boolean/Phrase:
test marketing AND teenagers

Limiters

- Scholarly (Peer Reviewed) Journals
- Publication Date: 20040101-20121231
- Source Types: Academic Journals
- Subject: teenagers -- health

Limit To

- Linked Full Text
- References Available
- Scholarly (Peer Reviewed) Journals

2004 Publication Date 2012

Show More Options set

Search Results: 1 - 2 of 2

Note: Exact duplicates removed from the results.

- An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention.**
By: KONG, ALBERTA S.; FARNSWORTH, SETH; CANACA, JOSE A.; HARRIS, AMANDA; PALLEY, GABRIEL; SUSSMAN, ANDREW L.. Journal of School Health, Mar2012, Vol. 82 Issue 3, p147-154, 8p, 1 Diagram, 2 Charts; DOI: 10.1111/j.1746-1561.2011.00678.x; Database: Education Full Text (H.W. Wilson)
Subjects: Action research; Children -- Health; High schools; Research -- Methodology; Students -- Attitudes; Students -- Health; Qualitative research; Parents -- Attitudes; Adolescence; New Mexico; Elementary and Secondary Schools; Public Relations Agencies; Prevention of obesity; Interviewing; Public relations; Questionnaires; Research -- Finance; Industrial research; Teenagers -- Health; Quantitative research; Physical activity; Descriptive statistics
HTML Full Text PDF Full Text (574KB)
- INSIGHTS FROM URBAN INDIAN TEENS ON STAYING HEALTHY: DATA FROM FOCUS GROUPS.**
By: Mail, Patricia D.; Hawkins, Elizabeth H.; Radin, Sandra; La Marr, C. June; Blume, Arthur W.; Chan, Karen K.; Larimer, Mary; Chastain, Chris; Goines, Marie A. American Journal of Health Studies, 2005, Vol. 20 Issue 1/2, p99-105, 7p., Database: Health Source: Nursing/Academic Edition
Subjects: TEENAGERS -- Health; PHYSICIAN & patient; INTERPERSONAL relations; FOCUS groups; INTERVIEWING; MARKETING research
HTML Full Text PDF Full Text (601KB)

Page: 1

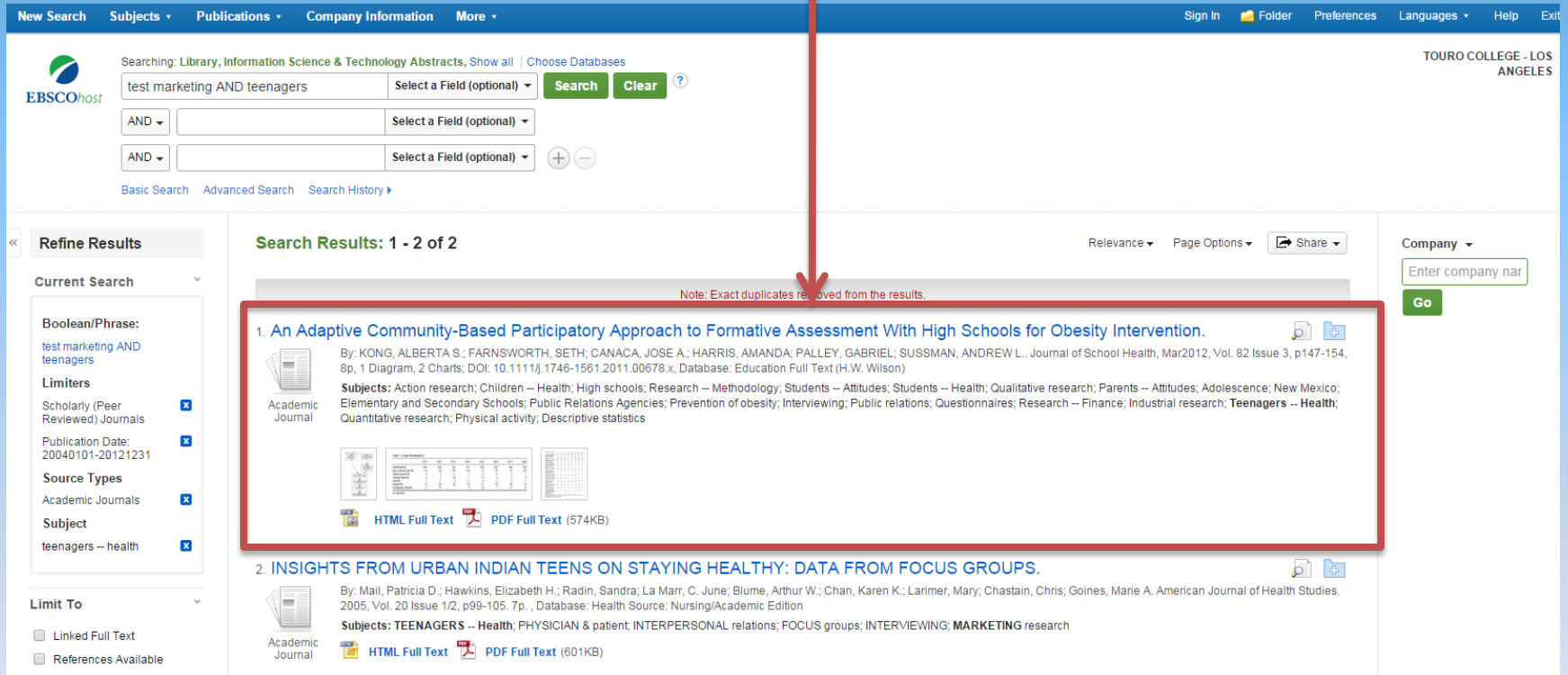


Results are listed in the center of the page. To learn more about an article, hover your cursor over the magnifying glass icon.

The screenshot shows the EBSCOhost search results interface. At the top, there is a navigation bar with 'New Search', 'Subjects', 'Publications', 'Company Information', and 'More'. On the right, there are links for 'Sign In', 'Folder', 'Preferences', 'Languages', 'Help', and 'Exit'. The main search area includes a search box with the query 'test marketing AND teenagers' and buttons for 'Search' and 'Clear'. Below the search box are filters for 'AND' and 'OR' operations. The search results are displayed in a list format. The first result is titled 'An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention.' and is from the 'Journal of School Health'. The second result is 'INSIGHTS FROM URBAN INDIAN TEENS ON STAYING HEALTHY: DATA FROM FOCUS GROUPS.' from the 'American Journal of Health Studies'. On the left side, there is a 'Refine Results' panel with sections for 'Current Search', 'Limiters', and 'Limit To'. A red arrow points to a magnifying glass icon in the right-hand column of the search results, which is used to view a larger version of the article details.



Select an article by clicking on the title.



The screenshot shows the EBSCOhost search interface. At the top, there is a navigation bar with options like 'New Search', 'Subjects', 'Publications', 'Company Information', and 'More'. The search bar contains the query 'test marketing AND teenagers'. Below the search bar, there are filters for 'Refine Results' including 'Current Search', 'Boolean/Phrase', 'Limiters', 'Source Types', 'Subject', and 'Limit To'. The search results are displayed in a list format. The first result is highlighted with a red box and a red arrow pointing to its title: '1. An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention.' The second result is '2. INSIGHTS FROM URBAN INDIAN TEENS ON STAYING HEALTHY: DATA FROM FOCUS GROUPS.' The page also includes a 'Company' dropdown menu and a 'Go' button.

New Search Subjects Publications Company Information More Sign In Folder Preferences Languages Help Ext

EBSCOhost Searching: Library, Information Science & Technology Abstracts, Show all Choose Databases

test marketing AND teenagers Select a Field (optional) Search Clear ?

AND Select a Field (optional)

AND Select a Field (optional) (+) (-)

Basic Search Advanced Search Search History

Refine Results

Search Results: 1 - 2 of 2 Relevance Page Options Share

Note: Exact duplicates removed from the results.

1. An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention. Academic Journal

By: KONG, ALBERTA S.; FARNSWORTH, SETH; CANACA, JOSE A.; HARRIS, AMANDA; PALLEY, GABRIEL; SUSSMAN, ANDREW L. Journal of School Health, Mar2012, Vol. 82 Issue 3, p147-154, 8p, 1 Diagram, 2 Charts; DOI: 10.1111/j.1746-1561.2011.00678.x; Database: Education Full Text (H.W. Wilson)

Subjects: Action research; Children -- Health; High schools; Research -- Methodology; Students -- Attitudes; Students -- Health; Qualitative research; Parents -- Attitudes; Adolescence; New Mexico; Elementary and Secondary Schools; Public Relations Agencies; Prevention of obesity; Interviewing; Public relations; Questionnaires; Research -- Finance; Industrial research; Teenagers -- Health; Quantitative research; Physical activity; Descriptive statistics

HTML Full Text PDF Full Text (574KB)

2. INSIGHTS FROM URBAN INDIAN TEENS ON STAYING HEALTHY: DATA FROM FOCUS GROUPS. Academic Journal

By: Mail, Patricia D.; Hawkins, Elizabeth H.; Radin, Sandra; La Marr, C. June; Blume, Arthur W.; Chan, Karen K.; Larimer, Mary; Chastain, Chris; Goines, Marie A. American Journal of Health Studies, 2005, Vol. 20 Issue 1/2, p99-105. 7p. Database: Health Source: Nursing/Academic Edition

Subjects: TEENAGERS -- Health; PHYSICIAN & patient; INTERPERSONAL relations; FOCUS groups; INTERVIEWING; MARKETING research

HTML Full Text PDF Full Text (601KB)

Company Enter company name Go

Limit To

Linked Full Text

References Available



The article's record is now in view, in this case, in HTML full text.
You also have the option to view in full text as a PDF.

The screenshot shows the EBSCOhost search results page. The search criteria are "test marketing AND teenagers". The article title is "An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention." The authors listed are KONG, ALBERTA S., FARNSWORTH, SETH, CANACA, JOSE A., HARRIS, AMANDA, PALLEY, GABRIEL, and SUSSMAN, ANDREW L. The source is "Journal of School Health Mar2012, Vol. 82 Issue 3, p147 8p." The language is English. The subject terms include "PREVENTION of obesity", "CHILDREN -- Health", "HIGH schools", "PUBLIC relations", "STUDENTS -- Attitudes", "STUDENTS", "HEALTH", "TEENAGERS -- Health", "PHYSICAL activity", "ACTION research", "INTERVIEWING", "RESEARCH -- Methodology", "QUESTIONNAIRES", "RESEARCH -- Finance", "INDUSTRIAL research", "QUALITATIVE research", "QUANTITATIVE research", "PARENTS -- Attitudes", "DESCRIPTIVE statistics", and "ADOLESCENCE". The geographic terms are "NEW Mexico". The abstract states: "BACKGROUND: In the emerging debate around obesity intervention in schools, recent calls have been made for researchers to include local community opinions in the design of interventions. Community-based participatory research (CBPR) is an effective approach for forming community partnerships and integrating local opinions. We used CBPR principles to conduct formative research in identifying acceptable and potentially sustainable obesity intervention strategies in 8 New Mexico school communities. METHODS: We collected formative data from 8 high schools on areas of".

EBSCOhost
Searching: Library, Information Science & Technology Abstracts, Show all | Choose Databases
test marketing AND teenagers Select a Field (optional) Search Clear
AND Select a Field (optional)
AND Select a Field (optional) (+) (-)
Basic Search Advanced Search Search History

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Result List | Refine Search | 1 of 8

An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention.

Authors: KONG, ALBERTA S.¹akong@salud.unm.edu
FARNSWORTH, SETH²seth.farnsworth@gmail.com
CANACA, JOSE A.³canaca@salud.unm.edu
HARRIS, AMANDA⁴aharris2@unm.edu
PALLEY, GABRIEL⁵gabrielpalley@gmail.com
SUSSMAN, ANDREW L.⁶asussman@salud.unm.edu

Source: Journal of School Health Mar2012, Vol. 82 Issue 3, p147 8p.

Language: English

Subject Terms: *PREVENTION of obesity
*CHILDREN -- Health
*HIGH schools
*PUBLIC relations
*STUDENTS -- Attitudes
*STUDENTS
*HEALTH
*TEENAGERS -- Health
*PHYSICAL activity
ACTION research
INTERVIEWING
RESEARCH -- Methodology
QUESTIONNAIRES
RESEARCH -- Finance
INDUSTRIAL research
QUALITATIVE research
QUANTITATIVE research
PARENTS -- Attitudes
DESCRIPTIVE statistics
ADOLESCENCE

Geographic Terms: NEW Mexico

Abstract: BACKGROUND: In the emerging debate around obesity intervention in schools, recent calls have been made for researchers to include local community opinions in the design of interventions. Community-based participatory research (CBPR) is an effective approach for forming community partnerships and integrating local opinions. We used CBPR principles to conduct formative research in identifying acceptable and potentially sustainable obesity intervention strategies in 8 New Mexico school communities. METHODS: We collected formative data from 8 high schools on areas of

Detailed Record
HTML Full Text
PDF Full Text (574KB)
Related Information
Find Similar Results using SmartText Searching.

Tools
Add to folder
Print
E-mail
Save
Cite
Export
Create Note
Permalink
Share
Listen
Translate

Images



If PDF is selected, a copy of how the article looks in print will populate the page. This format is useful because it provides page numbers, which may be required if this article is cited in your research.

« Result List Refine Search Download PDF Sign In Folder Help

An Adaptive Community-Based Participatory Approach to Formative Assessment ...

Page: 1 of 9 Automatic Zoom

JOURNAL OF SCHOOL HEALTH American School Health Association

RESEARCH ARTICLE

An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention*

ALBERTA S. KONG, MD, MPH¹ SEB FARNSWORTH, MD² JOSE A. CANACA, MD³ AMANDA HARRIS, BS⁴ GABRIEL PALLEY, MD⁵ ANDREW L. SUSSMAN, PhD, MCRP¹

ABSTRACT

BACKGROUND: In the emerging debate around obesity intervention in schools, recent calls have been made for researchers to include local community opinions in the design of interventions. Community-based participatory research (CBPR) is an effective approach for forming community partnerships and integrating local opinions. We used CBPR principles to conduct formative research in identifying acceptable and potentially sustainable obesity intervention strategies in 8 New Mexico school communities.

METHODS: We collected formative data from 8 high schools on areas of community interest for school health improvement through collaboration with local School Health Advisory Councils (SHACs) and interviews with students and parents. A survey based on formative results was created to assess acceptability of specific intervention strategies and was provided to SHACs. Quantitative data were analyzed using descriptive statistics while qualitative data were evaluated using an iterative analytic process for thematic identification.

RESULTS: Key themes identified through the formative process included lack of healthy food options, infrequent curricular/extracurricular physical activity opportunities, and inadequate exposure to health/nutritional information. Key strategies identified as most acceptable by SHAC members included healthier food options and preparation, a healthy foods marketing campaign, yearly taste tests, an after-school noncompetitive physical activity program, and community linkages to physical activity opportunities.

CONCLUSION: An adaptive CBPR approach for formative assessment can be used to identify obesity intervention strategies that address community school health concerns. Eight high school SHACs identified 6 school-based strategies to address parental and student concerns related to obesity.

Keywords: child and adolescent health; community health; health policy; nutrition and diet; physical fitness and sport; school-based clinic.

Citation: Kong AS, Farnsworth S, Canaca JA, Harris A, Palley G, Sussman AL. An adaptive community-based participatory approach to formative assessment with high schools for obesity intervention. *J Sch Health.* 2012; 82: 147-154.

Received on February 8, 2011
Accepted on May 31, 2011

Recent years have seen an epidemic of obesity and hyperinsulinemia leading to a constellation of

Detailed Record

PDF Full Text

Source: Journal of School Health
Date: March 1, 2012

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Illustrations

Choose Another Issue

HTML Full Text



To save yourself time, skim through the article and see if it will be useful for you. Look at the abstract and introduction first.

The screenshot shows a web browser displaying a journal article. The browser's address bar shows the URL: "An Adaptive Community-Based Participatory Approach to Formative Assessment ...". The page header includes "JOURNAL OF SCHOOL HEALTH" and the "ASHA American School Health Association" logo. The article title is "An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention*". The authors listed are ALBERTA S. KONG, MD, MPH¹; SEAN FARNSWORTH, MD²; JOSE A. CANACA, MD³; AMANDA HARRIS, BS⁴; GABRIEL PALLEY, MD⁵; ANDREW L. SUSSMAN, PHD, MCRP¹. The abstract section is highlighted with a red arrow pointing to it from the right. The introduction begins with "Recent years have seen an epidemic of obesity and hyperinsulinemia leading to a constellation of". A red arrow points to the start of the introduction from the left. The left sidebar contains a "Detailed Record" section with a "PDF Full Text" link and a table of contents. The table of contents lists "An Adaptive Communit..." at page 147 and "Call for Papers." at page 154. There are also links for "Illustrations" and "Choose Another Issue".

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An Adaptive Community-Based Participatory Approach to Formative Assessment ...

Page: 1 of 9 Automatic Zoom

JOURNAL OF SCHOOL HEALTH

ASHA American School Health Association

RESEARCH ARTICLE

An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention*

ALBERTA S. KONG, MD, MPH¹; SEAN FARNSWORTH, MD²; JOSE A. CANACA, MD³; AMANDA HARRIS, BS⁴; GABRIEL PALLEY, MD⁵; ANDREW L. SUSSMAN, PHD, MCRP¹

ABSTRACT

BACKGROUND: In the emerging debate around obesity intervention in schools, recent calls have been made for researchers to include local community opinions in the design of interventions. Community-based participatory research (CBPR) is an effective approach for forming community partnerships and integrating local opinions. We used CBPR principles to conduct formative research in identifying acceptable and potentially sustainable obesity intervention strategies in 8 New Mexico school communities.

METHODS: We collected formative data from 8 high schools on areas of community interest for school health improvement through collaboration with local School Health Advisory Councils (SHACs) and interviews with students and parents. A survey based on formative results was created to assess acceptability of specific intervention strategies and was provided to SHACs. Quantitative data were analyzed using descriptive statistics while qualitative data were evaluated using an iterative analytic process for thematic identification.

RESULTS: Key themes identified through the formative process included lack of healthy food options, infrequent curricular/extracurricular physical activity opportunities, and inadequate exposure to health/nutritional information. Key strategies identified as most acceptable by SHAC members included healthier food options and preparation, a healthy foods marketing campaign, yearly taste tests, an after-school noncompetitive physical activity program, and community linkages to physical activity opportunities.

CONCLUSION: An adaptive CBPR approach for formative assessment can be used to identify obesity intervention strategies that address community school health concerns. Eight high school SHACs identified 6 school-based strategies to address parental and student concerns related to obesity.

Keywords: child and adolescent health; community health; health policy; nutrition and diet; physical fitness and sport; school-based clinic.

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Recent years have seen an epidemic of obesity and hyperinsulinemia leading to a constellation of



Look for results, conclusions and tables as well. If it fits with what you are looking for, read the whole article.

The screenshot shows a PDF viewer interface. On the left, there is a sidebar with navigation options like 'Detailed Record', 'PDF Full Text', and 'Full Text Contents'. The main area displays a document page with a table highlighted by a red box. A red arrow points from the top of the page down to the table. The table is titled 'Table 1. School Demographics' and contains data for eight high schools (HS 1 to HS 8) across various demographic categories.

	HS 1	HS 2	HS 3	HS 4	HS 5	HS 6	HS 7	HS 8
Total enrollment	1803	1325	930	947	1796	1957	566	843
Free or reduced lunch (%)	44	58	>99	>99	55	61	36	>99
African American (%)	6	2	<1	1	8	<1	2	1
American Indian (%)	4	2	48	7	13	2	5	9
Asian (%)	2	<1	0	<1	4	<1	2	1
Hispanic (%)	72	68	45	90	57	90	69	70
Non-Hispanic White (%)	17	27	7	2	18	7	21	19

HS, high school.

Heart Association (AHA), William J. Clinton Foundation, and the Robert Wood Johnson Foundation), is an instrument for evaluating the current health environment of schools and also provides specific steps for improvement.¹⁷ The HSPF was developed by a panel of experts based on the 2005 Dietary Guidelines for Americans, AHA Pediatric Nutrition Guidelines, National Physical Activity Guidelines, National Physical Education Standards, and the National Health Education Standards.

Data Analysis. Both the HSRC and HSPF have centralized data analysis centers to which data is electronically submitted by the participating schools, independent of our study team. ASCD analyzes the results of the HSRC and returns to the school a list of areas for school improvements ranked according to how the school rated its importance and ease of affecting a change. Top suggested priorities were those that were rated very important and requiring very little effort to improve. The HSPF data analysis returns to the school a list of recommended strategies organized as “short-term goals” and “long-term goals.” SHACs shared these analyses and recommendations with the research team which allowed us to compare across schools for congruence of strategies and areas for improvements.

Phase 2—Survey of School-Level Obesity Intervention Strategies

Participants. In phase 2, we worked with existing school-community groups in charge of school health known as SHACs to determine specific acceptable

and HSPF). The assessments had been analyzed by their respective organizations using methods independent from the research team which identified areas of school health that the organizations recommended the schools improve. Using these identified areas for change as a guide, the research team developed a 14-question survey that encompassed 14 obesity intervention strategies. Results from parent/student interviews in the earlier phase were integrated into the survey strategies. The created survey encompassed strategies addressing all levels within the social-ecological model^{18,20} (SEM) which emphasizes the interaction of factors across and between the individual, social, organizational, and public policy levels that shape one’s behavior.

The survey was piloted at one of the high schools and then made available to the remaining SHACs. SHAC members rated each strategy according to its acceptability, feasibility, and sustainability at their school. Completed surveys were anonymous to researchers as to the participant’s name but not to the source school. The survey was provided by paper copy and via SurveyMonkey, a Web-based survey engine. Paper copy survey results were entered electronically by team members to SurveyMonkey for consolidation and to facilitate data analysis. Respondents were given \$5 for their time.

Data Analysis. Upon completion of the survey by all SHACs, results were analyzed for uniformity of strategy acceptability. Strategies were deemed accept-



If you like the article, pay attention to the references found at the end of the article. These may include other articles appropriate to your research.

The screenshot displays a digital library interface with a blue header bar containing navigation options: « Result List, Refine Search, Download PDF, Sign In, Folder, Help. The main content area shows a document viewer for the article "An Adaptive Community-Based Participatory Approach to Formative Assessment...". The article text is displayed in a two-column layout. A red arrow points from the top of the page down to the "REFERENCES" section at the bottom of the article. The references are listed as follows:

REFERENCES

1. Ogden C, Carroll MD, Curtin LR, Lamb MM, Flegal KM. Prevalence of high body mass index in US children and adolescents, 2007-2008. *JAMA*. 2010;303(3):242-249.
2. Reaven G. Banting lecture 1988. Role of insulin resistance in human disease. *Diabetes*. 1988;37(12):1595-1607.

The footer of the page reads: "Journal of School Health • March 2012, Vol. 82, No. 3 • © 2012, American School Health Association • 153".



Let's take a closer look at a reference.

* Cook, S., Weitzman, M., Auinger, P., Nguyen, M., & Dietz, W. H. (2003). Prevalence of a metabolic syndrome phenotype in adolescents: findings from the third National Health and Nutrition Examination Survey, 1988-1994. *Archives of pediatrics & adolescent medicine*, 157(8), 821-827.

Each reference provides the following information about an article or book:

Author. (Date of Publication). Title. **Source**, **Volume** (**Issue**), **Pages**.

Author (last name, first initials), followed by **Date of Publication** (year) and **Title**.

➤ **Cook, S., Weitzman, M., Auinger, P., Nguyen, M. & Dietz, W.H. (2003)**, Prevalence of a metabolic syndrome phenotype in adolescents: findings from the third National Health and Nutrition Examination Survey, 1988-1994.

Next the **Source** (journal) is listed, followed by the **Volume** and **Issue**

➤ **157(8)**,

Finally **Pages** are listed

➤ **821-827**.

Cook, S., Weitzman, M., Auinger, P., Nguyen, M., & Dietz, W. H. (2003). Prevalence of a metabolic syndrome phenotype in adolescents: findings from the third National Health and Nutrition Examination Survey, 1988-1994. *Archives of pediatrics & adolescent medicine*, 157(8), 821-827.



References enable the author to identify where they found their information as well as allow readers to locate it.

Can you find the previous reference using EBSCO multi-search?
To find out, go back to EBSCO multi-search and select “New search.”

The screenshot shows the EBSCO multi-search interface. At the top, a navigation bar includes a 'New Search' button highlighted with a red box and an arrow pointing to it. The search bar contains the text 'test marketing AND teenagers'. Below the search bar, there are three additional search fields, each with a dropdown menu labeled 'Select a Field (optional)'. The search results section displays a single result for the article 'An Adaptive Community-Based Participatory Approach to Formative Assessment With High Schools for Obesity Intervention.' The authors listed are KONG, ALBERTA S., FARNSWORTH, SETH A., CANACA, JOSE A., HARRIS, AMANDA, PALLEY, GABRIEL, and SUSSMAN, ANDREW L. The source is 'Journal of School Health Mar2012, Vol. 82 Issue 3, p147 8p.' The language is English. The subject terms are '*PREVENTION of obesity', '*CHILDREN -- Health', '*HIGH schools', '*PUBLIC relations', and '*STUDENTS -- Attitudes'. On the right side, there is a 'Tools' panel with options like 'Add to folder', 'Print', 'E-mail', 'Save', 'Cite', 'Export', and 'Create Note'. The bottom right corner features the logo of Touro University Worldwide.



Our search begins the same as before except now we know and can use exact information about the article we are searching for.

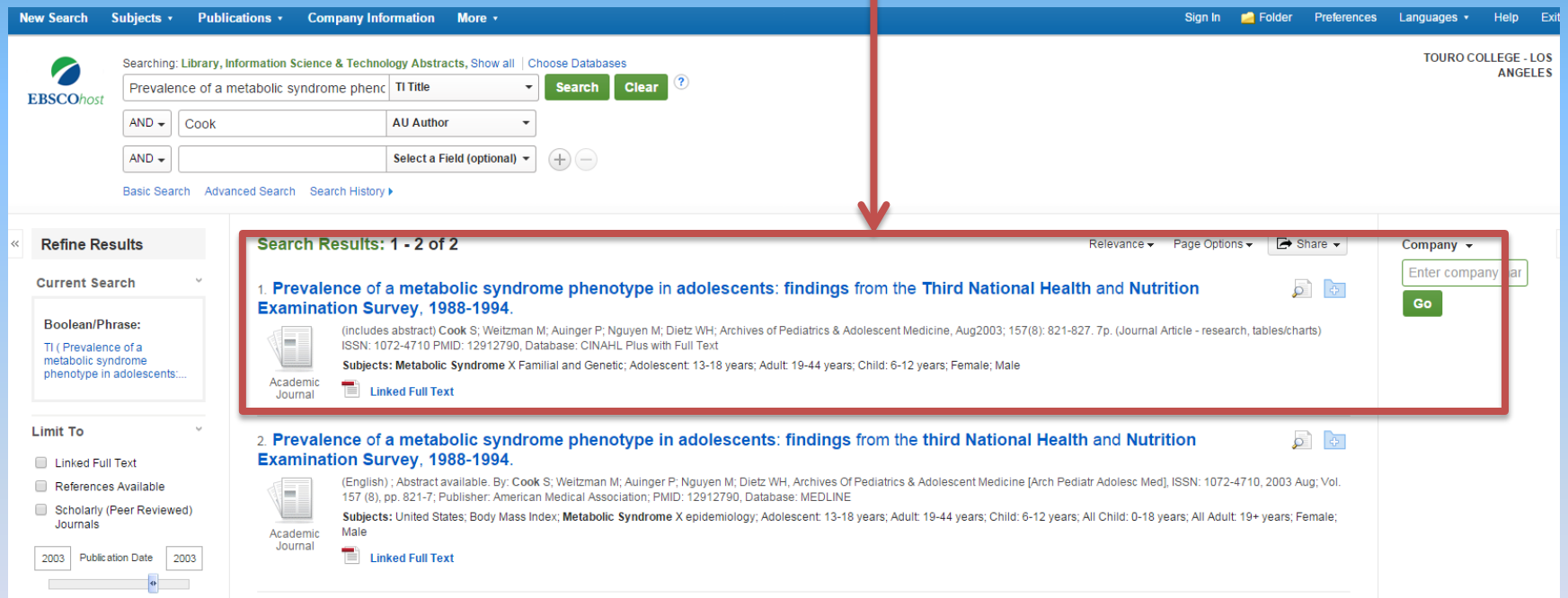
The screenshot shows the EBSCOhost search interface. At the top, there is a navigation bar with links for "New Search", "Subjects", "Publications", "Company Information", and "More". Below this, the EBSCOhost logo is on the left. The main search area contains the following elements:

- A search bar with the text "Prevalence of a metabolic syndrome phen" and a dropdown menu set to "TI Title". A purple arrow points from the search button to this dropdown.
- A "Search" button and a "Clear" button.
- A second search bar with a dropdown menu set to "AND" and the text "Cook" in a red box. A red arrow points from the search button to this dropdown.
- A third search bar with a dropdown menu set to "AND" and a "Select a Field (optional)" dropdown menu.
- Buttons for "+", "-", "Basic Search", "Advanced Search", and "Search History".

Select a field or multiple fields on the right and type in the appropriate information on the left. Then select the “Search” button. **Title** and **Author** are used in this example.



As you can see, the first result returned is the correct record!



The screenshot shows the EBSCOhost search interface. At the top, there is a navigation bar with links for 'New Search', 'Subjects', 'Publications', 'Company Information', and 'More'. On the right side of the top bar, there are links for 'Sign In', 'Folder', 'Preferences', 'Languages', 'Help', and 'Exit'. The main search area includes the EBSCOhost logo, a search box containing the text 'Prevalence of a metabolic syndrome phenoc', and a dropdown menu set to 'TI Title'. There are 'Search' and 'Clear' buttons. Below the search box, there are filters for 'AND' and 'Cook' in the 'AU Author' field, and another 'AND' filter with a 'Select a Field (optional)' dropdown. A red arrow points from the top of the page down to the first search result.

Search Results: 1 - 2 of 2

1. **Prevalence of a metabolic syndrome phenotype in adolescents: findings from the Third National Health and Nutrition Examination Survey, 1988-1994.** (includes abstract) Cook S; Weitzman M; Auinger P; Nguyen M; Dietz WH; Archives of Pediatrics & Adolescent Medicine, Aug2003; 157(8): 821-827. 7p. (Journal Article - research, tables/charts)
ISSN: 1072-4710 PMID: 12912790, Database: CINAHL Plus with Full Text
Subjects: Metabolic Syndrome X Familial and Genetic; Adolescent: 13-18 years; Adult: 19-44 years; Child: 6-12 years; Female; Male
Academic Journal [Linked Full Text](#)

2. **Prevalence of a metabolic syndrome phenotype in adolescents: findings from the third National Health and Nutrition Examination Survey, 1988-1994.** (English) ; Abstract available. By: Cook S; Weitzman M; Auinger P; Nguyen M; Dietz WH, Archives Of Pediatrics & Adolescent Medicine [Arch Pediatr Adolesc Med], ISSN: 1072-4710, 2003 Aug; Vol. 157 (8), pp. 821-7; Publisher: American Medical Association; PMID: 12912790, Database: MEDLINE
Subjects: United States; Body Mass Index; Metabolic Syndrome X epidemiology; Adolescent: 13-18 years; Adult: 19-44 years; Child: 6-12 years; All Child: 0-18 years; All Adult: 19+ years; Female; Male
Academic Journal [Linked Full Text](#)

Refine Results

Current Search

Boolean/Phrase:
TI (Prevalence of a metabolic syndrome phenotype in adolescents...

Limit To

Linked Full Text
 References Available
 Scholarly (Peer Reviewed) Journals

2003 Publication Date 2003

Company



If you see the “Linked Full Text” icon, the full text of this article is not available directly from the EBSCO multi-search database. Try clicking on the “Linked Full Text” icon.



1. **Prevalence of a metabolic syndrome phenotype in adolescents: findings from the Third National Health and Nutrition Examination Survey, 1988-1994**  

 (includes abstract) Cook S; Weitzman M; Auinger P; Nguyen M; Dietz WH; Archives of Pediatrics & Adolescent Medicine, Aug2003; 157(8): 821-827. 7p. (Journal Article - research, tables/charts)
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1. **Prevalence of a metabolic syndrome phenotype in adolescents: findings from the Third National Health and Nutrition Examination Survey, 1988-1994.**

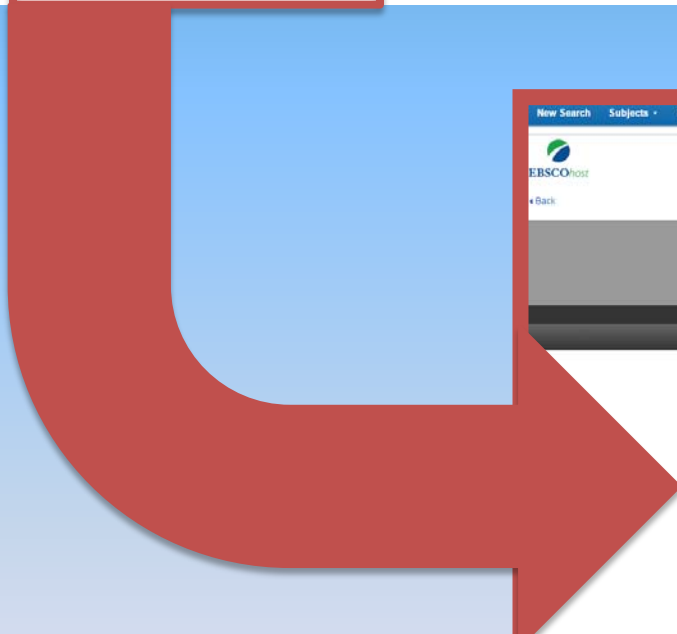


Academic Journal

(includes abstract) Cook S; Weitzman M; Auinger P; Nguyen M; Dietz WH; Archives of Pediatrics & Adolescent Medicine, Aug2003; 157(8): 821-827. 7p. (Journal Article - research, tables/charts) ISSN: 1072-4710 PMID: 12912790, Database: CINAHL Plus with Full Text

Subjects: **Metabolic Syndrome X** Familial and Genetic; Adolescent: 13-18 years; Adult: 19-44 years; Child: 6-12 years; Female; Male

[Linked Full Text](#)



The screenshot shows the JAMA Pediatrics website interface. At the top, there is a navigation bar with links for 'New Search', 'Subjects', 'Publications', 'Company Information', and 'More'. Below this is the EBSCOhost logo and a search bar. The main header features the JAMA Pediatrics logo and a search bar. The article title is 'Prevalence of a Metabolic Syndrome Phenotype in Adolescents: Findings From the Third National Health and Nutrition Examination Survey, 1988-1994'. The authors listed are Stephen Cook, MD, Michael Weitzman, MD, Peggy Auinger, MS, Michael Nguyen, William H. Dietz, MD, PhD. The article is dated August 1, 2003, Vol 157, No. 8. The page includes an abstract section and a sidebar with 'JAMA Cardiology' information and various tools like 'Print', 'PDF', 'Email', and 'Get Citation'.

