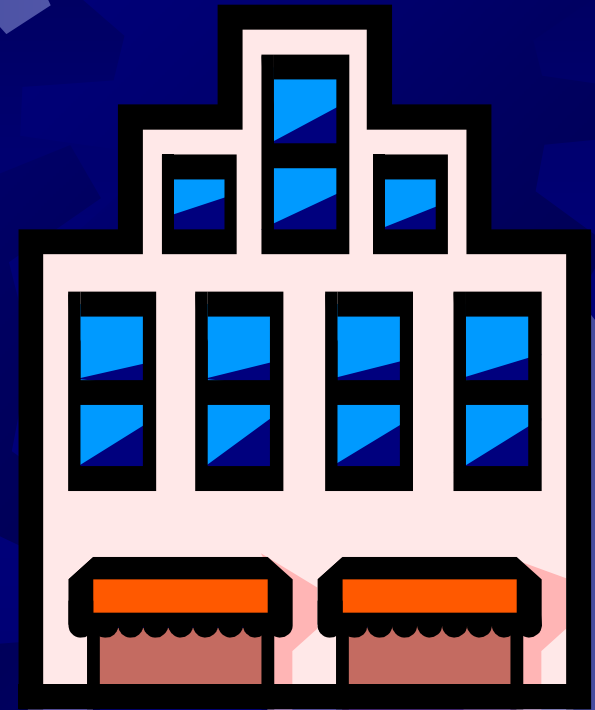


“Architecture” of a journal article

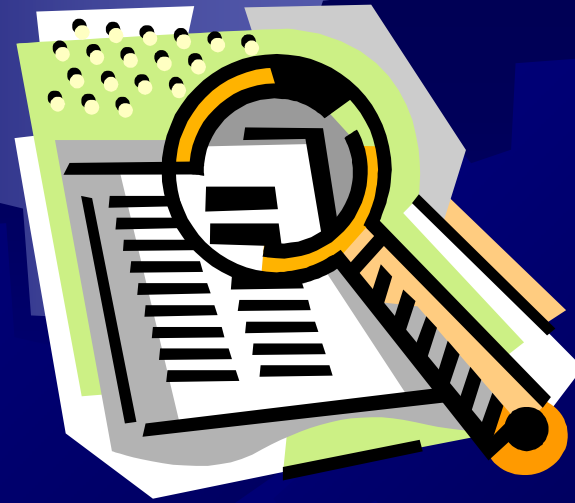


Source:

<http://faculty.frostburg.edu/mbradley/cyberlab.html>

Abstract:

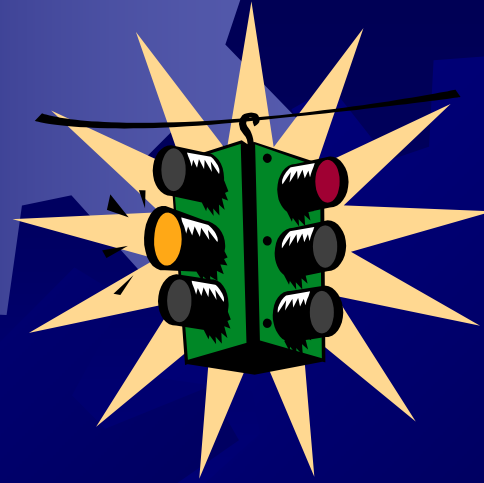
brief review of
article's content



usually (but not always) *concise*
summary of:

- problem under investigation
- pertinent info on participants
- brief review of methodology
- statistical analyses
- results and implications of the study

Abstract Cautions



Don't use only an article's title and abstract to assess its relevance; the perfect article may go unnoticed because of a poorly written abstract

NEVER USE ONLY THE ABSTRACT when reporting information on a topic; authors make sweeping generalizations that are NOT accurate or appropriate. Use the abstract as a *starting point*.

Introduction

overall issue/problem being tested and justifies hypothesis(es).



This section:

Introduces problem

broadly states research problem or purpose of study

Reviews background literature

prior studies relevant to the current one; makes case for why current hypothesis should be tested

Describes purpose, rationale, and hypothesis(es)

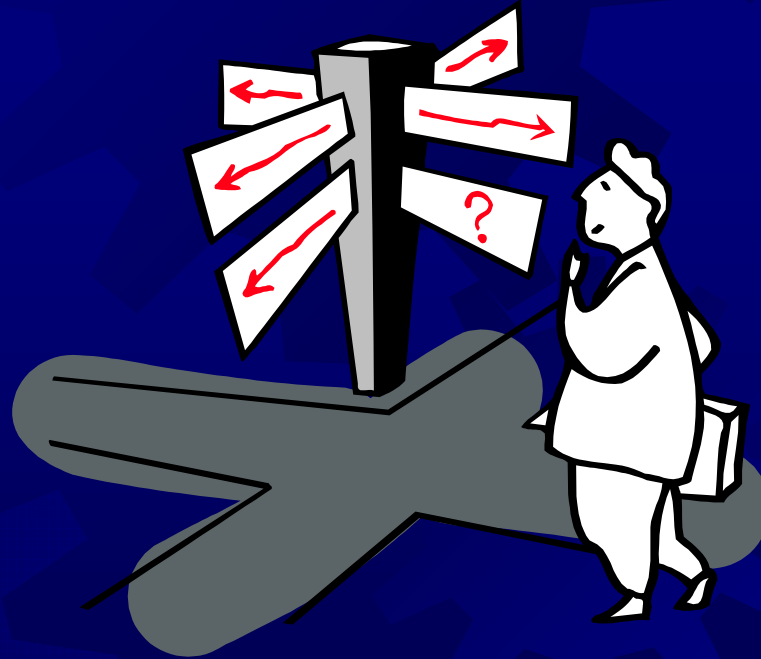
reader should be able to understand what is being tested *and why*.



Method

details how the study was conducted

Like a road map with a directions on how to replicate the study



Method includes:

Participants (human) / Subjects (animal)
number; how selected & assigned
(e.g. random?)

demographics (sex, age, race, ethnicity,
education, SES)

agreements and payments made

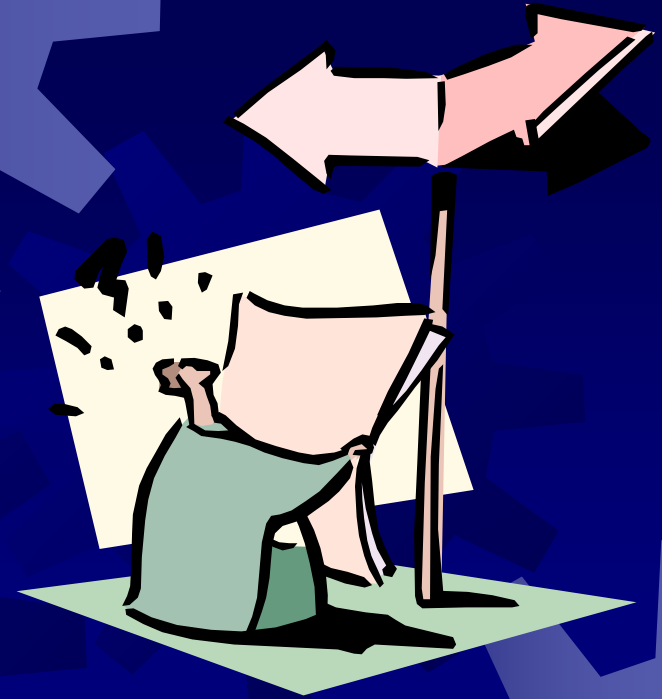
ethical principles used in relation to the participants

Materials/Apparatus/Measures

physical aspects of the research design; lists everything that was used in the study (to help others replicate it)

Procedure

detailed account of how the study was conducted





Results: statistics/data— what was found?

describes outcomes, significance, confidence limits

descriptive statistics first (e.g., summary of the characteristics of the data)

then inferential statistics (e.g., statistics related to the testing of the hypothesis)

tables and figures are often used to convey important information in an organized manner

Discussion:

reviews and interprets results in nontechnical language, using no statistical markings

typically begins with hypothesis(es), stating if the results supported or contradicted it

describes similarities/differences between current findings and previous research

weaknesses of the current study (conditions that might have affected outcomes); suggest improvements to research design



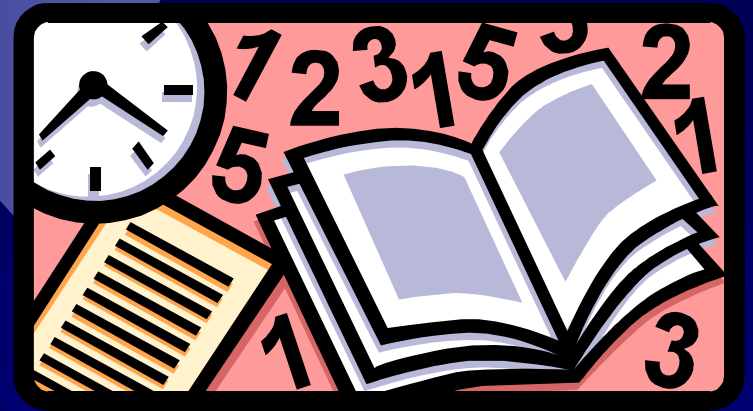
Conclusions



how, when and in whom the results might be applied in a clinical setting

usually ends with directions for future research

Searching for Research: a hierarchy of approaches



So...you want to stay on top of
research in the addictions field...

General searches: defines the universe



Google: www.google.com

look for URLs containing .gov or .edu for most reputable information with least cross checking

Google search tips



- ★ use if unsure about info/resources on a given topic
- ★ you'll probably get more than you want
- ★ to narrow down the options, be specific
- ★ what is the significance of the order of results you get in a search?

Example:

looking for a treatment manual on contingency management



Contingency management = 655,000 hits,
including business concept

CM in addition treatment = 11,800 hits

“CM” AND “treatment manual” = 213 hits

**Searchable
addiction-oriented
databases:
refines the universe**



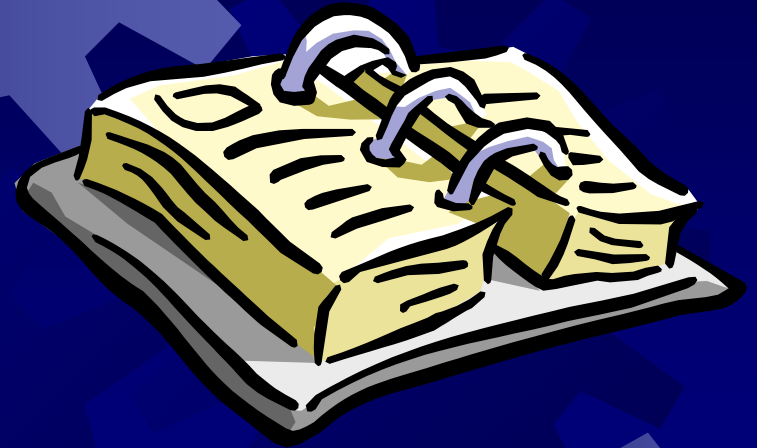
Substance Abuse Librarians and
Information Specialists (SALIS)

www.salis.org

offers a list of searchable databases:

[http://www.hazelden.org/servlet/hazelden/cms/ptt/navigation.html?sf=t
&sh=t&page_id=25545](http://www.hazelden.org/servlet/hazelden/cms/ptt/navigation.html?sf=t&sh=t&page_id=25545)

“Grey” Literature:
opens a new
universe!



Alcohol/Drugs

<http://www.nyam.org/library/greyreport.shtml>

Gambling

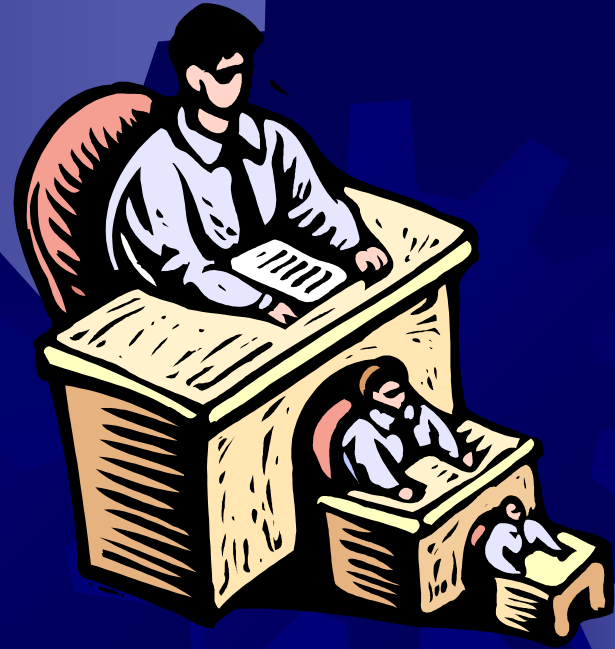
<http://gaming.uleth.ca/index.php>

Peer reviewed
professional
literature:

“top of the food chain”

.....where do you find these
journals??

http://www.salis.org/resources/atod_journals.html



Too much
too fast??



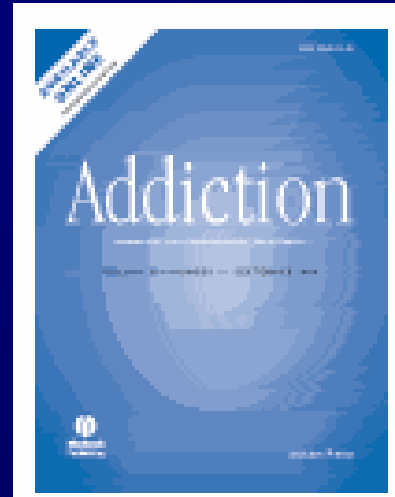
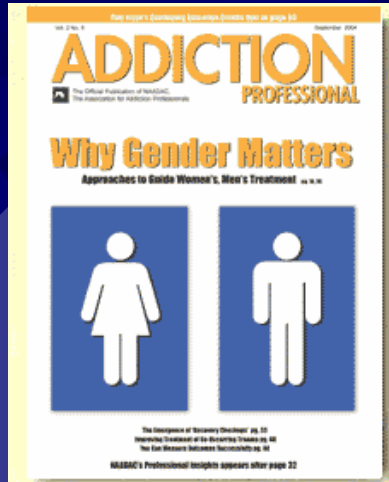
learn at your leisure....

Medline Tutorial Online

<http://www.library.health.ufl.edu/pubmed/PubMed2/>

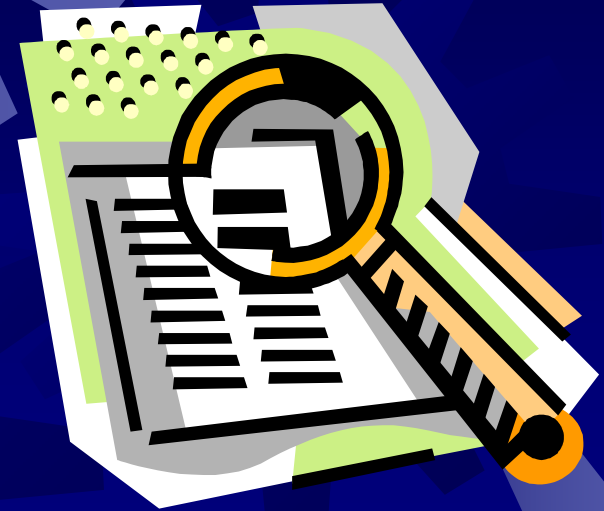


How can you tell a peer-reviewed publication from others?



Let's check the handout for some tips!

Finding journal articles on specific topics



National Library of Medicine's
PubMed

<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi>

Tips for searching professional literature



- ✦ Find one article and check key words....or click on “Find Similar Articles” if that’s available
- ✦ Check articles listed in one seminal article’s bibliography
- ✦ Try different words in different combinations

More Like This: [Advanced options ...](#)

Author(s): [Grant LP](#) ; [Haughton B](#) ; [Sachan DS](#)

Affiliation: Nutrition and Food Service, James H Quillen VA Medical Center, Mountain Home, TN, USA. louise.grant2@med.va.gov

Title: **Nutrition education is positively associated with substance abuse treatment program outcomes.**

Source: *J Am Diet Assoc (Journal of the American Dietetic Association.)* 2004 Apr; 104(4): 604-10

Additional Info: United States


Standard No: ISSN: 0002-8223; **NLM Unique Journal Identifier:** 7503061

Language: English

Abstract: The scope and types of nutrition services provided in substance abuse treatment programs has not been well defined nor has there been an attempt to determine if associations exist between the provision of nutrition services and substance abuse treatment outcomes. The objectives of this study were to assess the provision (use and extent) of nutrition education in substance abuse treatment programs in facilities that provide a single or two or more substance abuse treatment programs, and to determine the possible association between nutrition intervention and substance abuse treatment program outcome measures (defined as changes in Addiction Severity Index [ASI] composite scores). A descriptive, single, cross-sectional survey of registered dietitians with clinical nutrition program management responsibility (n=152) was used to define the use and extent of nutrition services in substance abuse treatment programs. Positive associations between nutrition services provided, particularly nutrition education services and substance abuse treatment program outcome measures, were detected. When group nutrition/substance abuse education was offered, ASI psychological and medical domain scores improved by 68% and 56%, respectively (P<.05). Individual nutrition/substance abuse education was a predictor of ASI family/social domain change scores improving by 99% (P<.05). In those programs where group nutrition/substance abuse education was offered, moderate to strong correlations with various nutrition education services were observed, specifically in individual nutrition/substance abuse education (r=0.51; P<.05), group normal/nutrition education (r=0.64; P<.01), and individual normal/nutrition education (r=0.46; P<.05). Substance abuse treatment programs offering group nutrition/substance abuse education offered significantly (P<.05) more nutrition services overall. Findings support the position that nutrition education is an essential component of substance abuse treatment programs and can enhance substance abuse treatment outcomes. Dietitians should promote and encourage the inclusion of nutrition education into substance abuse treatment programs.

Subject(s) below:

Descriptor: **(Major):** [Delivery of Health Care, Integrated Health Knowledge, Attitudes, Practice Substance Abuse Treatment Centers](#)
(Minor): [Cross-Sectional Studies](#)
[Data Collection](#)

Search PubMed  for motivational interviewing

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Related Resources


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Page 1 of


1: [Ossman SS](#) Related Article

 Motivational interviewing: a process to encourage behavioral change.
Nephrol Nurs J. 2004 May-Jun;31(3):346-7. No abstract available.
PMID: 15303434 [PubMed - in process]

2: [Steinberg ML, Ziedonis DM, Krejci JA, Brandon TH](#) Related Article

 Motivational interviewing with personalized feedback: a brief intervention for motivating smokers with schizophrenia to seek treatment for tobacco dependence.
J Consult Clin Psychol. 2004 Aug;72(4):723-8.
PMID: 15301657 [PubMed - in process]

3: [Tsuang J, Fong TW](#) Related Article

 Treatment of patients with schizophrenia and substance abuse disorders.
Curr Pharm Des. 2004;10(18):2249-61.
PMID: 15281900 [PubMed - in process]

4: [Hanson M, Gutheil JA](#) Related Article

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One page

 1: [McGovern MP, Fox TS, Xie H, Drake RE.](#)[Related Articles, Links](#)

A survey of clinical practices and readiness to adopt evidence-based practices: Dissemination research in an addiction treatment system.

J Subst Abuse Treat. 2004 Jun;26(4):305-12.

PMID: 15182895 [PubMed - in process]

 2: [Shafer MS, Rhode R, Chong J.](#)[Related Articles, Links](#)

Using distance education to promote the transfer of motivational interviewing skills among behavioral health professionals.

J Subst Abuse Treat. 2004 Mar;26(2):141-8.

PMID: 15050091 [PubMed - indexed for MEDLINE]

 3: [Strang J, McCambridge J, Platts S, Groves P.](#)[Related Articles, Links](#)

Engaging the reluctant GP in care of the opiate misuser: Pilot study of change-orientated reflective listening (CORL).

Fam Pract. 2004 Apr;21(2):150-4.

PMID: 15020383 [PubMed - indexed for MEDLINE]

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One page.

- 1: [Mullins SM, Suarez M, Ondersma SJ, Page MC.](#) Related Articles, Links
 The impact of motivational interviewing on substance abuse treatment retention: a randomized control trial of women involved with child welfare.
 J Subst Abuse Treat. 2004 Jul;27(1):51-8.
 PMID: 15223094 [PubMed - in process]
- 2: [Booth RE, Corsi KF, Mikulich-Gilbertson SK.](#) Related Articles, Links
 Factors associated with methadone maintenance treatment retention among street-recruited injection drug users.
 Drug Alcohol Depend. 2004 May 10;74(2):177-85.
 PMID: 15099661 [PubMed - in process]
- 3: [Baer JS, Rosengren DB, Dunn CW, Wells EA, Ogle RL, Hartzler B.](#) Related Articles, Links
 An evaluation of workshop training in motivational interviewing for addiction and mental health clinicians.
 Drug Alcohol Depend. 2004 Jan 7;73(1):99-106.
 PMID: 14687964 [PubMed - indexed for MEDLINE]

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Tips for staying on top of what's being published



- ✦ Journal Alerts
- ✦ Listservs
- ✦ Agency/Organization Alerts
- ✦ Agency E-pubs
- ✦ Scan the horizon regularly

Journal Alerts



Provides upcoming table of contents at no cost; library should be able to provide hard copy of selected articles:

Blackwell (Addiction)

<http://www.blackwellpublishing.com/ealerts/ealertreg.asp?site=1>

Taylor and Francis

<http://journalonline.tandf.co.uk/app/services/alerting.asp?wasp=gl9150459g7vqvc1672g&referrer=alerting>

Agency epubs:



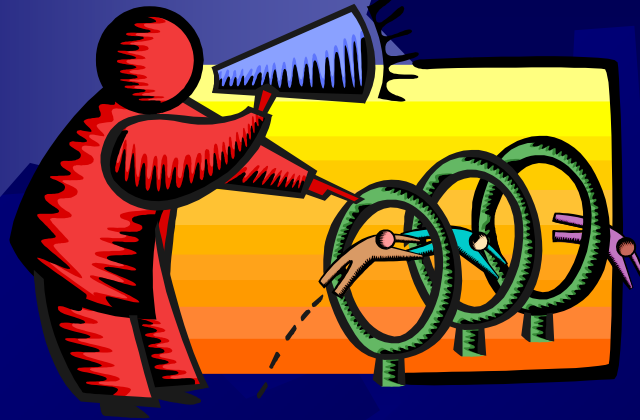
NIDA Practice Perspectives

<http://www.nida.nih.gov/Perspectives/>

ATTC Eye on the Field

<http://www.nattc.org/newsField.html>

Agency alerts:



SAMHSA

<http://ncadi.samhsa.gov/promos/ncadiupdate/>

NIDA

<http://www.drugabuse.gov/WhatsNew/>

NIAAA

<http://www.niaaa.nih.gov/>

<http://www.niaaa.nih.gov/publications/alalerts.htm> ALC ALERTS

Listservs

Example:

Join Together Online's
resources list

<http://www.jointogether.org/sa/resources/>



Get the latest news & funding headlines: enter your e-mail address, then click Go.

**Scanning
the horizon--
visit these regularly:**



NFATTC website EBP pages

www.nfattc.org

ATTC National website www.nattc.org

Scanning the horizon: special project sites

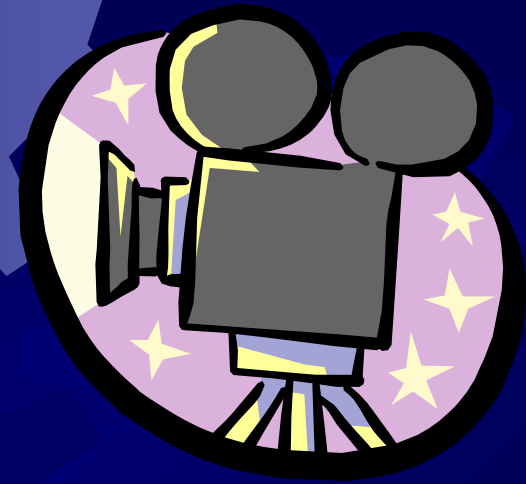
☀ NIATx <http://www.nida.nih.gov/CTN/dissemination.html>

☀ National Criminal Justice Reference Service <http://virlib.ncjrs.org/DrugsAndCrime.asp>

☀ Robert Wood Johnson Foundation

<http://www.rwjf.org/programs/infoByArea.jsp?value=Alcohol+and+Drug+Addiction+Prevention+and+Treatment§ion=research&id=000003>

Coming Attractions:



ADAI Searchable Evidence-Based Practices

<http://adai.washington.edu/ebp>

National Registry of Effective Programs

<http://modelprograms.samhsa.gov/>

NIDA/SAMHSA Blending Initiative

<http://www.nida.nih.gov/CTN/dissemination.html>

The search is
over...now the
hard work begins:



Interpreting the information!

“How to Read a Paper”

User friendly, informative..funny!

<http://bmj.bmjournals.com/collections/read.shtml>

Other aids



How to Use Clinical Guidelines

<http://www.cche.net/usersguides/guideline.asp>

EBM Toolkit

<http://www.med.ualberta.ca/ebm/ebm.htm>



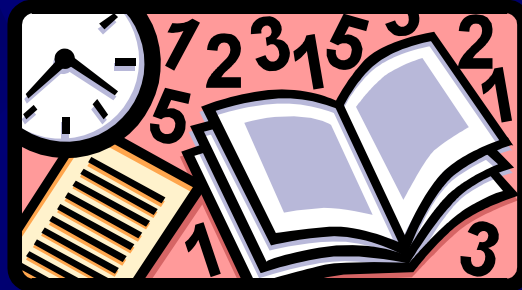
Resource for learning basics of the research process:

Research for the Research-Phobic:

<http://www.public-health.uiowa.edu/pattc/pattconline/>

Online course \$35

Need help? Call or email me



hausotte@ohsu.edu

503-373-1322