

Specification for Release 7.4
Search, Browse, Help, Limit, & Sort
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April 7, 2014; rev. May 7, 2014

These specifications are for a proposed portal for Rutgers scholarship deposited by faculty, doctoral students, and postdocs under the new Rutgers Open Access Policy. The portal will probably not include ETDs, although the Open Access Policy Implementation Working Group decision on this is pending.

The specifications below would be incorporated within the general framework of the RUcore Partner Portal search box, i.e.,

The screenshot shows a search interface with three tabs: 'Search', 'Browse', and 'Help'. The 'Search' tab is selected. Below the tabs are two search input boxes, each followed by a dropdown menu set to 'Full Record'. Between the two input boxes is a dropdown menu set to 'AND'. To the right of the search boxes is a 'Search' button. Further to the right, there are three settings: 'Types: All Types of Resources', 'Order by: Relevance', and 'Results per page: 10'.

NOTE: This specification was revised April 17, 2014, to reflect a decision to exclude centers and institutes from search and browse functions. Rationale: The University's list of over 300 Centers and Institutes (<http://centers.rutgers.edu>) appears to be constantly subject to change. Centers and institutes come and go, and their names change. The LDAP database has apparently not kept current with these changes, so it is virtually impossible to map netID affiliations to individual centers/institutes. Because most centers and institutes are affiliated with one or more departments, users will generally be able to retrieve the scholarly works of a center or institute by searching the affiliated department(s). Moreover, any center or institute that wishes to bring together the works of its scholars always has the opportunity to request a portal featuring those works. There is no mechanism for correcting the LDAP database, and in any case, the volume of discrepancies between LDAP and the University's list would prevent doing so.

1. SEARCH (for the Search tab)

Replace the current search boxes' pulldown terms with the following:

- a. Full record - retrieves all indexed elements in full record
- b. Full text - retrieves all indexed elements in full record and any word from actual full text of article
- c. Author - retrieves all mods:name where type=personal and role=author
- d. Title - retrieves all mods:title where type=main or type=alternative
- e. Subject - retrieves mods:subject (topic, geographic, name)
- f. Abstract - retrieves all mods:abstract where type=abstract
- g. Schools & Departments – retrieves all mods:name where type=corporate and authority=RutgersOrg-School or authority= RutgersOrg-Department
- h. DOI (user selects DOI from pulldown, enters, e.g., '10.1081162' and record will be retrieved) – key word search in full record, including descriptive events.

2. BROWSE (for the Browse tab)

Provide a search box with the following Browse options (examples at end of this document):

- Authors - *retrieves all mods:name where type=personal and role=author*
- Titles - *retrieves all mods:title where type=main or type=alternative*
- Schools & Departments (integrated alphabetical list of all; see example); DO NOT display if there are no resources - *OA Policy Implementation Working Group will propose the vocabulary; retrieves all mods:name where type=corporate and authority=RutgersOrg-School or authority= RutgersOrg-Department*
- University organization (expandable hierarchical list of schools, departments, and individual faculty with checkboxes similar to Browse Example 4 below); DO NOT display if there are no resources - *OA Policy Implementation Working Group will propose vocabulary, which will be recorded in mods:name where type=corporate and authority=RutgersOrg-School or authority= RutgersOrg-Department*

The link to each type of browse search should open up to the browsable list, with A-Z bar across top.

The Authors, Schools & Departments, and University Organization results lists should simply list the element requested. The Title Browse results should present the default brief display, sorted by title.

Results lists should display as many as reasonably possible.

3. HELP (for the Help tab)

The Help tab will be very similar to what is there now, but revised to reflect final specs. For example, the instructions for limiting by date will change, and instructions for searching DOIs will be added. We may want to include a link out to the open access policy page at http://www.libraries.rutgers.edu/researchers/open_access

4. LIMIT (for the grey shaded box to the right, above the dotted line)

Note: These are true limits (i.e. pre-search limits), not for post-retrieval faceted searches.

Add a checkbox for 'peer reviewed,' i.e., Peer reviewed

Article is peer reviewed if there is a note type = "peerReview".

`<mods:note type="peerReview">Peer reviewed</mods:note>`

Add two text boxes with pull downs for date range.

*The date should match on <mods:originInfo> <mods:dateIssued>
Lacking issued date, go to <mods:originInfo> <mods:dateCreated>
Lacking create date, go to <mods:originInfo> <mods:copyrightDate>
Lacking copyright date, go to <mods:originInfo> <mods:dateOther>*

Date range -

Each box should supply years as pull downs, with options as follows:

2014	1981
2013	1980
2012	before 1980
...	present

2014	...
2013	1981
2012	1980

(For a similar example, go to the RUL website (<http://www.libraries.rutgers.edu/indexes?sort=P>) and search PsychInfo.)

The boxes should be empty by default. If a user selects a date in the first box only, retrieve results with an exact match on that year.

Note: Date range necessitates a maintenance plan for annually updating the date list. On January 1 of each new year, the previous year should be added to each pulldown.

Retain the 'Types' limit but remove 'collection' as an option.

5. SORT

Change 'Order by' pulldown to the following options.

- Date article created [display chronologically in descending order]
 - By default, use <mods:originInfo> <mods:dateIssued>*
 - Lacking issued date, go to <mods:originInfo> <mods:dateCreated>*
 - Lacking create date, go to <mods:originInfo> <mods:copyrightDate>*
 - Lacking copyright date, go to <mods:originInfo> <mods:dateOther>*
- Date of deposit [display chronologically in descending order]
 - Use date either from the digiproven ingest dateTime or from the Fedora object; see xml below.*
- Title - *mods:title where type=main or type=alternative*

Make 'date article created' the default sort.

Add 'All' to the 'Results per page' option and make that the default.

```
<foxml:datastream ID="DIGIPROV3" STATE="A" CONTROL_GROUP="X" VERSIONABLE="true">
  <foxml:datastreamVersion ID="DIGIPROV3.0" LABEL="Digiproven Metadata
  3" CREATED="2012-08-24T13:55:33.000Z" MIMETYPE="text/xml" SIZE="648">
    <foxml:xmlContent>
      <rulib:RULDigiprovenMDxmlns:rulib="http://rucore.libraries.r
      utgers.edu/schemas/rulib/0.1/metadata.dtd">
        <rulib:digiprovenEvent ID="DPEVENT-3">
          <rulib:type>Ingest item</rulib:type>
          <rulib:dateTime>2012-08-24</rulib:dateTime>
          <rulib:associatedEntity>
            <rulib:name>Otto Jane Johnson</rulib:name>
            <rulib:role>Super user</rulib:role>
            <rulib:affiliation>Rutgers University
            Libraries</rulib:affiliation>
            <rulib:email>jjotto@rci.rutgers.edu</rulib:email>
          </rulib:associatedEntity>
        </rulib:digiprovenEvent>
      </rulib:RULDigiprovenMD>
    </foxml:xmlContent>
  </foxml:datastreamVersion>
</foxml:datastream>
```

```
<foxml:property NAME="info:fedora/fedora-system:def/model#createdDate" VALUE="2014-04-02T12:15:08.056Z"/>
```

BROWSE EXAMPLE 1 (Author)

Browse by Author

[0-9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Or enter first few letters:

Now showing items 1-20 of 43812

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Authors Name

't Hoen, Ellen

A'Hearn, Michael F.

Aach, John Dennis

Aadah, Mette

Aagaard, Kjersti

Aagaard, Kjersti M.

Aalfs, Cora M.

Aalto, Ville

Aaltonen, Titta

Aamar, Emil

Aamdal, Steinar

Aaron, Daniel

Aaronson, Stuart A.

Aaronson, William H.

Aarts, Henk

Aartsma-Rus, Annemieke

Aasa-Chapman, Marlén M. I.

Abad-Grau, Maria M

Abadie, Alberto

Abanin, Dmitry A.

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See Harvard's DASH author browse at <http://dash.harvard.edu/browse?type=author>

BROWSE EXAMPLE 2 (Title)

Browse by Title

[0-9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Or enter first few letters:

Now showing items 1-20 of 14417

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The 0-brane Action in a General $D = 4$ Supergravity Background

Cacciatori, Sergio; Zanon, Daniela; Billo, Marco; **Denef, Frederik**; Fre, Pietro; Proeyen, Antoine Van; Van Proeyen, Antoine (*Classical and Quantum Gravity*, 1999) [Link to Published Version](#)

The 1-by-3 Tandem Differential Mobility Analyzer for Measurement of the Irreversibility of the Hygroscopic Growth Factor

Paulsen, D.; Rosenoern, T.; **Martin, Scot** (*Aerosol Science and Technology*, 2009) [Link to Published Version](#)

10,000 Men of Harvard

Moseley, Eva; **Ulrich, Laurel Thatcher** (*Palgrave Macmillan*, 2004)

\$100 Bills on the Sidewalk: Violations of No-Arbitrage in 401(k) Accounts

Choi, James J.; **Madrian, Brigitte**; **Laibson, David I.** (*Review of Economics and Statistics*, 2011) [Link to Published Version](#)

The 10kTrees Website: A New Online Resource for Primate Phylogeny

Arnold, Christian; **Matthews, Luke J.**; **Nunn, Charles Lindsay** (*Evolutionary Anthropology*, 2010) [Link to Published Version](#)

A 12-Week, Randomized, Controlled Trial with a 4-Week Randomized Withdrawal Period to Evaluate the Efficacy and Safety of Linaclotide in Irritable Bowel Syndrome with Constipation

Rao, Satish; Shiff, Steven J.; Lavins, Bernard J.; Jia, Xinwei D.; Shi, Kelvin; MacDougall, James E.; Shao, James Z *et al.* (*The American Journal of Gastroenterology*, 2012) [Link to Published Version](#)

17-beta-Estradiol in relation to age at menarche and adult obesity in premenopausal women

Hjartaker, Anette; Ballard-Barbash, Rachel; Veierød, Marti B.; Emaus, Aina; **Ellison, Peter**; Thune, Inger; Furberg, Anne-Sofie *et al.* (*Human Reproduction*, 2007) [Link to Published Version](#)

17 β -Estradiol Levels During An Entire Menstrual Cycle In Response To Adult Stature and Insulin, Of Possible Importance For Breast Cancer Risk: The EBBA-I study.

Furberg, Anne-Sofie; Wist, Erik; Espetvedt, Sissi E.; **Ellison, Peter**; Jasienska, Grazyna; Emaus, Aina; Thune, Inger *et al.* (*Cancer Research*, 2009) [Link to Published Version](#)

18-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in the Management of Aggressive Non-Hodgkin's B-Cell Lymphoma

O'Connor, O. J.; **McDermott, Shaughn**; **Blake, Michael**; **Shelly, Martin J.** (*ISRN Hematology*, 2012) [Link to Published Version](#)

18q Loss of Heterozygosity in Microsatellite Stable Colorectal Cancer is Correlated with CpG Island Methylator Phenotype-negative (CIMP-0) and Inversely with CIMP-low and CIMP-high

Kawasaki, Takako; Kirkner, Gregory J.; **Ogino, Shuji**; **Ohnishi, Mutsuko**; **Fuchs, Charles Stewart** (*BMC Cancer*, 2007) [Link to Published Version](#)

The 2.1-D Sketch

Nitzberg, Mark; **Mumford, David Bryant** (*IEEE Computer Society Press*, 1990) [Link to Published Version](#)

20-HETE Mediates Ozone-Induced, Neutrophil-Independent Airway Hyper-Responsiveness in Mice

Cooper, Philip R.; Mesaros, A. Clementina; Stark, Christopher M.; Douaidy, Karim; Mittelman, Michael A.; Blair, Ian A.; Panettieri, Reynold A. *et al.* (*PLoS ONE*, 2010) [Link to Published Version](#)

See DASH title browse at <http://dash.harvard.edu/browse?type=title>.

Note this is not the RUcore brief record display, but is shown for illustration purposes only.

BROWSE EXAMPLE 3 (Integrated alphabetical list of schools and departments)

Browse by Schools & Departments

[0-9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Or enter first few letters:

[African, Middle Eastern and South Asian Languages and Literatures](#)
[Africana Studies](#)
[Agricultural, Food, and Resource Economics](#)
[American Studies](#)
[Animal Science](#)
[Art History](#)
[Asian Languages and Cultures](#)
[Biochemistry and Microbiology](#)
[Biological Sciences](#)
[Bloustein School](#)
[Cell Biology and Neuroscience](#)
[Chemistry and Chemical Biology](#)
[Classics](#)
[Comparative Literature Program](#)
[Computer Science](#)

For something similar, see DASH browse by FAS department at <http://dash.harvard.edu/browse?type=department>

BROWSE EXAMPLE 4 (Hierarchical list of schools & departments)

Browse University Organization for Schools & Departments

[0-9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Or enter first few letters:

**ADVANCE-Purdue Gender and STEM Research Symposium
Against the Grain**

- Center for Instructional Excellence**
- Charleston Library Conference**
- College of Agriculture**
- College of Education**
- College of Engineering**
 - Civil Engineering
 - Department of Electrical and Computer Engineering Technology
 - Division of Construction Engineering and Management
 - Division of Environmental and Ecological Engineering
 - Electrical and Computer Engineering
 - Experiment Station Bulletin
 - Indiana Water Resources Research Center
 - School of Aeronautics and Astronautics
 - School of Chemical Engineering
 - School of Engineering Education
 - School of Industrial Engineering
 - School of Materials Engineering
 - School of Mechanical Engineering
 - School of Nuclear Engineering
 - Weldon School of Biomedical Engineering
- College of Health and Human Sciences**
- College of Liberal Arts**
- College of Pharmacy**
- College of Science**
- College of Technology**
- College of Veterinary Medicine**

Cf. Purdue repository: <http://docs.lib.purdue.edu/communities.html>