Index to Chiropractic Literature: The Year in Review

http://www.chiroindex.org/

March 2016 to March 2017

Submitted by Phyllis Harvey, ICL Editor, Anne Taylor-Vaisey, ICL Co-Editor and Web Editor

Overview

The Index to Chiropractic Literature (ICL) and its accompanying ChiroSH (Chiropractic Subject Headings) are produced by the Chiropractic Library Collaboration (CLC), a working group of the Association of Chiropractic Colleges. ICL is a very complex site. It includes a bibliographic database with interactive features, an accompanying user interface (My ICL), a Web site with links to a wealth of health resources, a password protected blog that houses CLC's records (http://clibcon.wordpress.com), a contact form (*Ask Us*) and e-mail address that is constantly monitored, and very active social media sites (LinkedIn, Facebook and Twitter). New this year was the addition of social share icons on all pages, posts, search results and individual articles. With these links the Editors can push page or indexing updates to users on Twitter, Facebook and LinkedIn, and users can share pages and search results with their colleagues. The Twitter feed is updated frequently and feeds into ICL's home page.

The Internet is an unstable and capricious space. Put a complex site on the Internet and service interruptions are inevitable, and any bibliographic database will experience these. Part of our job as Editors is constant communication with our Internet provider, and we are very fortunate to have had BoomerCo Inc. host and manage our site since 2005. The timeline section of this report documents the frequent interruptions or glitches we experienced over the past year, as well as BoomerCo's quick responses to our pleas for help. Steve Holmes (CEO) and Trevor Bertucci (programmer) have provided us with excellent service for over a decade. Our annual hosting fee includes standard maintenance, but additional funds are needed for extensive problems or new features. ICL programming is funded by annual contributions from CLC member libraries. New in 2016 was the purchase of 28 hours of prepaid programming, which freed the Editors to request help from BoomerCo when necessary. The Editors consult with the Index Committee when new features are under consideration. (See Appendix 2 for a breakdown of programming hours used. We acknowledge BoomerCo's generosity in waiving many charges.)

The Editor (Phyllis Harvey, Palmer, retired) and Co-Editor (Anne Taylor-Vaisey, CMCC/UOIT) oversee the work of the indexers and interact with BoomerCo. The Web Editor (Anne) updates the Web pages, responds to user inquiries (chiroindex@gmail.com) and posts frequently to LinkedIn, Facebook and Twitter. Katie Lockwood (University of Western States) has joined the editorial group as Assistant Editor and is part of our frequent consultations with BoomerCo and the Index Committee. She has volunteered to lead the long overdue update of ChiroSH, last updated in 2009. Chris Sheldon (New York Chiropractic College) has volunteered to assist Katie with ChiroSH. We also welcomed Monica Howell (Northwestern Health Sciences Library) to be an Assistant Editor charged with maintaining the Journal Directory. The names of all of ICL's contributors, as well as the Chiropractic Library Collaboration Officers, are listed in this report and on the *ICL Contributors* page (http://www.chiroindex.org/about/contibutors/).

Our various statistics packages allow us to monitor the use of ICL's pages, and we update the heavily used pages frequently. Besides the home page, the most accessed page is the *Journal Directory* and the individual journal descriptions (http://www.chiroindex.org/journals/). For this reason we felt it was important to find someone who could devote time to keeping the journal pages up to date. The next most accessed pages are the *Open Access Library* pages, particularly *Free Electronic Books* (http://www.chiroindex.org/open-access-library/electronic-books/) and *Free Research Articles* (http://www.chiroindex.org/open-access-library/free-articles/). All of the pages on the ICL site have been updated recently; see Appendix 1 for a list of these updates.

The bibliographic database would not exist without the work of our dedicated group of indexers, from the United States, Canada, England and New Zealand. They index their assigned journals in a timely fashion and respond very positively to feedback from the Editors.

We would like to acknowledge the contributions of Annette Osenga (Lifewest), who has been the Chair of the Index Committee for many years. Her continuing support and advice has been invaluable.

The chiropractic journals remained stable over the past year, but some of the links in ICL records have died due to journal publishing changes. It is an onerous task to replace URLs for multiple records, but we work on this as time permits.

We continue to edit the oldest ICL records, many of which have titles in all caps or out of date subject headings. The Editor has spent a great deal of time editing these old subject headings; for example, we recently removed the age groups that used to be subject subheadings, and have worked on merging duplicate subject headings and authors. We deal with the old records as time permits.

Our new one step administrative form has made the editing process much more efficient. Formerly, indexing and editing was in two steps, making the work more time consuming. Now it is one smooth step and is much improved.

A PowerPoint presentation containing screenshots of usage statistics from AWStats, WordPress, sitemeter and our social media sites accompanies this report. (See http://www.chiroindex.org/about/icl-documentation/.)

The Numbers [as of March 9, 2017]
Records: 24,712
Journals indexed: 17
Indexers: 12
Subscribers to My ICL: 1,314
LinkedIn group: 3,517 members
Facebook: 1,205 likes
Twitter: 548 followers

Indexers & Other Contributors to ICL
Bennett, Helen (NZCC): Indexer
Briand, Simone (Cleveland): Indexer
Butkovic, Margaret (CMCC): Index Committee member
Harvey, Phyllis (Palmer, retired): ICL Editor, Indexer, Index Committee member
Heath, Tish (AECC): Indexer
Howell, Monica (Northwestern): ICL Assistant Editor
Iwami, Russ (NUHS): Indexer
Kleinman, Ari (Life West): Indexer
Lockwood, Katie (UWS): Indexer; ICL Assistant Editor, Indexer, Index Committee member, Subject Headings Committee member
Osenga, Annette (Life West): CLC Vice Chair, Indexer, Index Committee Chair
Shadrix, Pam (Life): Indexer
Sheldon, Chris (NYCC): Subject Headings Committee member
Tapper, Janet (UWS): CLC Chair, Index Committee member
Taylor-Vaisey, Anne (CMCC/UOIT): ICL Co-Editor, Web Editor, Indexer, Social Media Developer, Index Committee member

Vossberg, Susan (NW Health): Indexer
Walters, Sheryl (Logan): Indexer

Journals Currently Indexed ~ 17
Annals of Vertebral Subluxation Research (SW)
Chiropractic Dialogues (SW)
Chiropractic History (SB)
Chiropractic & Manual Therapies (SV)
Chiropractic Journal of Australia (TH) [ceased 2013; resumed 2016]
DC Tracts (HB)
Journal of the Academy of Chiropractic Orthopedists (JACO)(KL)
JCCA: Journal of the Canadian Chiropractic Association (AT-V)
Journal of Chiropractic Education (SB)
Journal of Chiropractic Humanities (RI)
Journal of Chiropractic Medicine (PS)
Journal of Clinical Chiropractic Pediatrics (AK)
Journal of Manipulative & Physiological Therapeutics (RI & KL)
Journal of Pediatric, Maternal & Family Health – Chiropractic (PS)
Journal of Upper Cervical Chiropractic Research (SW)
Nutritional Perspectives (AO & AK)
Topics in Integrative Health Care (SW)

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Timeline, March 2016 – March 2017

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March 2016
Following extensive testing, the new administrative site was launched during the week of March 9. There have been no further episodes of hacking. Testing continued throughout March and April.

April 2016
A Google search box was added to the home page, to enable searching the ICL Web pages. This is located above the Twitter feed.
The *Journal Social Media* pages were updated.
In the *Advanced Search* page, we had the default changed from *All Citations* to *Peer Reviewed Citations*, after consulting with the Index Committee. This was due to feedback from some users, who requested that peer reviewed studies appear in search results before publication types such as editorials, letters and book reviews.
The BoomerCo invoice for 28 hours of prepaid programming (approved at the annual meeting), was paid.
Testing of the new administrative site by Anne, Phyllis and Annette continued. The one step site went live on April 13.

May 2016
The Editors asked BoomerCo about the possibility of having social share icons on all pages in ICL, so that both ICL Editors and users could share pages and search results on LinkedIn, Facebook and Twitter. From May 13-19, BoomerCo did research on how to implement these icons for all posts, pages and search results.
On May 19-20, BoomerCo uploaded the icons and perfected them after input from the Editors.

June 2016
In June we discovered that in the process of programming an entire new administrative site, some features were no longer working well and had to be reprogrammed. For example, the Editors discovered that the global search and replace feature was not working well, and in June, BoomerCo spent 8 hours of programming to fix this feature.
We also discovered that the apostrophes in author names and in subject headings were not appearing as they should. For example, the MeSH term *Practice Patterns, Physicians'* was not recognized by ICL, and authors like *D'Angelo* could

not be added. This was a serious problem but BoomerCo fixed it. In fact, BoomerCo responded to all our requests and after extensive testing by the Editors, the features were all working properly.

August 2016
Problems with the author order being unstable were reported by several indexers, another example of features not working after the new administrative site was launched. BoomerCo researched the problem (3 programming hours) and corrected it.

September 2016
We identified a problem with journals disappearing from the dropdown menu in the *Advanced Search*. BoomerCo researched and corrected this problem (1.5 programming hours).

October 2016
The author order in the indexing form became unstable again, and more programming was done to correct the problem. The Editors asked BoomerCo to prepare a spreadsheet of all the programming tasks performed each year. (The tasks and hours are included throughout this report, and also form Appendix 1.)
A chiropractor reported problems with the Excel download feature, and the Editors consulted with BoomerCo about how the feature should be working.

November 2016
BoomerCo researched the Excel problem and reported that the version of Excel in the ICL programming is not compatible with the new WordPress updates, and corrected this (1 hour of programming).
The Editors decided to include author keywords in the abstracts of ICL records. These are now included in MEDLINE and since they are searchable and sometimes add terms not included in the controlled vocabulary, it became obvious that this would be a useful addition to ICL. The Co-Editor informed the indexers, and updated the *Guidelines for ICL Indexers* page, now called *Indexing Policies & Procedures*.
The Editors requested feedback from the Index Committee re the Excel download feature. Although most do not use it, we decided to proceed with programming to update and fix the feature so that users who do not have the benefit of a bibliographic utility can manage lists of articles using this feature in ICL. We updated the *Managing Results with My ICL* page accordingly.

December 2016
BoomerCo investigated how to enhance the Excel download export capabilities (6 programming hours). After some testing, the new feature was installed and was working well.
The global find and replace feature was not working properly and BoomerCo edited the programming (1 hour).
For a long time the messages sent through the contact form have contained excess HTML code, making the inquiries from users awkward to read. The Editors requested that the HTML code appearing in these messages be eliminated and BoomerCo fixed this problem (1.25 programming hours).
The Twitter feed on the home page disappeared, along with the WordPress statistics. BoomerCo helped the Co-Editor reinstate Jetpack (.25 programming hours).
A user identified a problem with the Boolean search feature on the Advanced Search page. The AND operator was being used automatically, unless the user changed the operator to OR before searching. This serious glitch was not intuitive and had to be addressed. BoomerCo researched and corrected the problem and the search functions now work well (2 programming hours).
The Editors began reviewing the journal inclusion policy.
The Editors began reviewing the advanced subject help page, originally written by Ann Kempke.
Problems with *JACA* continued. The ACA removed the documents from their server and now all the links in ICL records are dead. We deal with this unfortunate headache whenever journals change their servers or URLs.
Monica Howell (Northwestern) wrote to the Editors about some updates to be made in the *Journal Directory* pages, and

after some discussion she agreed to become an Assistant Editor in charge of the *Journal Directory*.

The Editors discovered that the mobile version of ICL was only displaying part of the search screen. BoomerCo fixed the problem (.5 programming hours).

The Editors identified a problem with the citation download feature, where citations should open automatically in Notepad and display in correct Vancouver style. This feature was not working at all, and in addition, users could not sign in to *My ICL*. BoomerCo told us that they had moved all their clients to a new super-fast server for the coming year, and they suspected that some of the issues we were reporting had resulted from this move. BoomerCo corrected some of these problems at no cost to ICL.

January 2017

Throughout January, several users complained that ICL was down and we reported all instances to BoomerCo. There seem to be many reasons this can happen. Selected responses from Steve Holmes:

January 5: *I believe there is a traffic interruption issue on the entire Internet today, as I have encountered similar issues for major sites across the internet.*

January 30: *The firewall gets ever-more complicated as with each new version it tries to detect activity that it decides most resemble bots or hackers trying to gain access. Incorrect login attempts are always suspect, but I can't really come up with an accurate list of all possible activities. The best is to let us know soon when you find yourself blocked, so we can minimize the impact.*

Boomer sent a report of retainer activity for 2016-2017.

February 2017

The Co-Editor discovered that ICL's education subject headings were somewhat confusing, and she wrote to the Index Committee to suggest changing *Chiropractic / education* to *Education, Chiropractic*, to be in line with the education terms of other health professions. After reaching agreement, she changed all the affected subject headings in ICL records. However, the changed subject headings were not searchable, and Boomer sent this message: *The situation here was that after the changes were made and saved to the database, the server was triggering a 'false positive' on a security rule based on special characters being in the search strings (in this case, those characters were , and /) These security rules are part of a larger overall system we have in place to prevent the server and sites within from being compromised.* Or, as Trevor also wrote, *The shorter explanation – technology is an ever changing nightmare!*

The Editors continued to do subject heading work in ICL.

March 2017

A small problem with the citation download was identified: there were no spaces between authors. BoomerCo fixed this immediately.

The Web Editor continued to update the pages on the ICL site. (See Appendix 1.)

Recommendations for the Future

Programming bundle of hours: Following last year's annual meeting, a 10 hour block of time was approved by the directors. As Steve Holmes wrote, *these hours never expire, they always get priority project assignment, and are locked in at today's prices regardless of whether our future hourly rates rise higher.* In 2016 we purchased and have used 28 programming hours, and propose that we do this again for 2017-2018.

Link resolver: Over the years, users have occasionally asked that this feature be installed on ICL. We propose that this be investigated, for functionality and cost.

ChiroSH: Our thesaurus has not been updated since 2009. Two librarians have volunteered to work on a new edition. We recommend that the Index and Subject Heading Committees make a substantial effort in 2017-2018 to update this important document.

Appendix 1: Last Updates of Index to Chiropractic Literature Web Pages

Help

Managing Results with My ICL   Dec. 27, 2016
http://www.chiroindex.org/help/managing-results/
Keeping up to Date   Dec. 27, 2016
http://www.chiroindex.org/help/keeping-up-to-date/
Finding Full Text   Dec. 31, 2016
http://www.chiroindex.org/help/finding-full-text/
Indexing Policies & Procedures   March 4, 2017
http://www.chiroindex.org/help/indexer-help/

About Us

ICL Contributors   Dec. 8, 2016
http://www.chiroindex.org/about/contibutors/
CLC Member Libraries   Dec. 10, 2016
http://www.chiroindex.org/about/participating-libraries/
ICL Documentation   Feb. 17, 2017
http://www.chiroindex.org/about/icl-documentation/

Journal Directory

Journal Directory Dec. 30, 2016
http://www.chiroindex.org/journals/
Free Journal Repositories Feb. 11, 2017
http://www.chiroindex.org/journals/repositories/
Journal Impact Factor   Feb. 11, 2017
http://www.chiroindex.org/journals/journal-impact-factor/
Journal Social Media   April 5, 2016 [need updating]

Open Access Library

Free Research Articles   March 8, 2017
http://www.chiroindex.org/open-access-library/free-articles/
Free Electronic Books   Feb. 11, 2017
http://www.chiroindex.org/open-access-library/electronic-books/
Free Peer Reviewed Journals   March 8, 2017
http://www.chiroindex.org/open-access-library/peer-reviewed-journals/
Free Magazines & Newspapers   Feb. 11, 2017
http://www.chiroindex.org/open-access-library/magazines-newspapers/
Patient Education Handouts   Feb. 11, 2017
http://www.chiroindex.org/open-access-library/patient-handouts/
Continuing Health Education   March 4, 2017
http://www.chiroindex.org/open-access-library/free-articles/continuing-health-education/
Interprofessional Collaboration/Care/Education   March 4, 2017
http://www.chiroindex.org/open-access-library/free-articles/interprofessional-collaborationcareeducation/
Sports Chiropractic   Feb. 22, 2017
http://www.chiroindex.org/open-access-library/free-articles/sports-chiropractic/

More Resources

Getting Published   Dec. 27, 2017
http://www.chiroindex.org/web-resources/get-published/
Evidence-Based Health Care   Feb 22, 2017
http://www.chiroindex.org/web-resources/evidence-based-health-care/
Systematic Review Resources   Jan. 31, 2017
http://www.chiroindex.org/web-resources/systematic-review-resources/

OPTIMa Reviews & Guidelines   Feb. 22, 2017
http://www.chiroindex.org/web-resources/optima/
Indexes, Databases & Search Engines   Feb. 11, 2017
http://www.chiroindex.org/web-resources/article-databases/
Chiropractic Organizations Feb. 11, 2017
http://www.chiroindex.org/web-resources/organizations/
Practice Guidelines   March 8, 2017
http://www.chiroindex.org/web-resources/practice-guidelines/
More Chiropractic / Medical Web Sites   March 8, 2017
http://www.chiroindex.org/web-resources/more-health-sites/

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Appendix 2: Prepaid Programming Hours, BoomerCo Inc, 2016

Date and Description of Project: 28 Hours	Hours Worked	Hours Waived	Balance
04/05/2016 Approved 28-hour retainer			28.00
05/13 to 05/19/2016 Research: Social share links on all posts / pages / search results / articles	1.00	1.00	27.00
05/19 to 06/20/2016 Project: Social share links on all posts / pages / search results / articles	5.00	5.00	22.00
06/07/2016 Research & Project: Allow apostrophe in name and subject for database	0.50	0.50	21.50
06/02 to 06/03/2016 Research: Global search & replace	0.50	0.50	21.00
06/14 to 06/20/2016 Project: Global search & replace	3.00	3.00	18.00
08/31 to 10/05/2016 Research: Author order	3.00	3.00	15.00
10/04 to 10/05/2016 Project: Author order	1.50	1.50	13.50
09/01 to 10/20/2016 Research & permanently fix: journals missing from dropdown in search	1.50	1.50	12.00
11/16/16 Research & quote improvements to Excel download	1.00	1.00	11.00
12/01 to 12/21/2016 Project: Enhance Excel export capabilities	6.00	6.00	5.00
12/1/16 Fix URLs in database after global find and replace	1.00	1.00	4.00
12/12/16 Assist Anne with two page layout adjustments in mobile version	0.50	0.50	3.50
12/15 to 01/27/2017 Research and eliminate HTML code within emails from contact form	1.25	1.25	2.25
12/20/17 Help Anne with Jetpack for Twitter feed on home page	0.25	0.25	2.00
12/23 to 12/30/2016 Research then enhance Boolean search	2.00	2.00	0.00