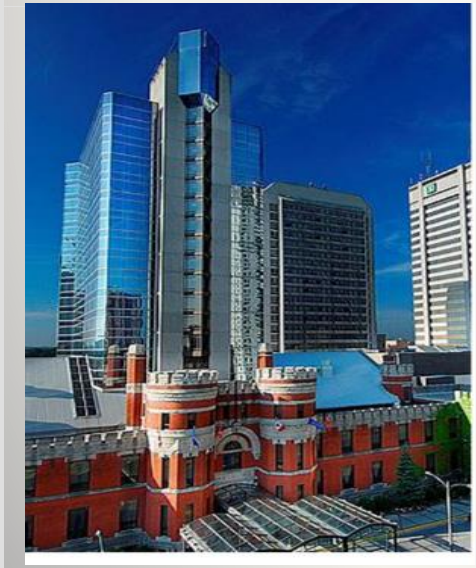
CCTS 2014
Conference

Canadian Connective Tissue Society

Dr. FACKSON MWALE

2014 London



President's Report CCTS 2014

BIG Thank You to the London 2014 Organizers and …

Dr. Andrew Leask PhD

Dr. David O'Gorman

Our Extended Gratitude to The Local Organizing Committee

Frank Beier

Kelly Guptell

Lisa Hoffman

Priya Patel

Sean Gill

Shannon Woodhouse

Sunil Parapuram

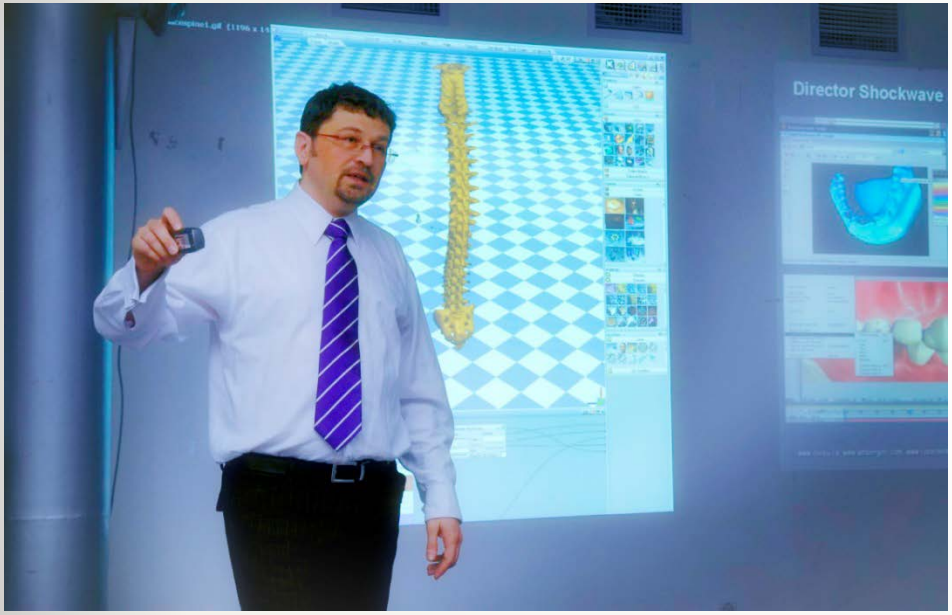
Thank you to the CCTS Members

Our lasting gratitude to the members of the board and the other members involved in fostering the Canadian Connective Tissue Society's (CCTS) mission to **fill the gaps** in current scientific and clinical understanding of connective tissues.

Board members:

- Boris Hinz (secretary)
- Dieter Reinhardt (treasurer)
- Artur De Brum-Fernandes
- Jeff Dixon
- Neil Duncan
- Jan Dutz
- Lucie Germain
- Lisbet Haglund
- Janet Henderson
- Cari Whyne

Thank you to Dr. Ovidiu Ciobanu, DMD, MBA PhD



With a long experience in business and information systems design and management and backed by a PhD in Informatics (Medical Information Management) and a MBA.

He teaches the Visual Communication course CCS2 550 at the McGill University (grad level)

Identifies objectives from the outset of the audit project and incorporates SMARTER (Specific Measurable Achievable Realistic Timely Evaluated and Resourced) principles in all recommendations.

Skills include audit, review and compilation engagements, management consulting and advisory services for established companies (Dentsply, Philips, Sensable, Straumann) and start-ups.

Worked for academic clients (McGill, University of Illinois at Chicago, University of Pittsburgh, Harvard University spin-off) and corporate (director of Worldwide e-publishing/ Elearning operations for Dental Tribune international). Ensured compliance with established internal control procedures by examining records, reports, operating practices, and documented audit tests and findings.

Functioning as the COO of a Montreal based biotech company in charge of financial data, ownership, licensing requirements, and financial statements of the company's reports and filings.

Auditor for the McGill Union of Course Lecturers and Instructors on procedures and records used to produce the statements.

What we achieved

Starting July 2013 we are a legit *Canadian Not-for-profit Corporation*

Certificate of Incorporation

Canada Not-for-profit Corporations Act

Certificat de constitution

Loi canadienne sur les organisations à but non lucratif

CANADIAN CONNECTIVE TISSUE SOCIETY
SOCIÉTÉ CANADIENNE DU TISSU CONJONCTIF

Corporate name / Dénomination de l'organisation

857025-6

Corporation number / Numéro de l'organisation

I HEREBY CERTIFY that the above-named corporation, the articles of incorporation of which are attached, is incorporated under the *Canada Not-for-profit Corporations Act*.

JE CERTIFIE que l'organisation susmentionnée, dont les statuts constitutifs sont joints, est constituée en vertu de la *Loi canadienne sur les organisations à but non lucratif*.

Marcie Girouard

Director / Directeur

2013-07-02

Date of Incorporation (YYYY-MM-DD)
Date de constitution (AAAA-MM-JJ)

What does this mean

As a federally incorporated organization we have the **constitutional right to operate** anywhere in Canada

CCTS as an incorporated society, acquires all of the powers of an individual, as well as an independent existence, separate and distinct from its members—and with an unlimited life expectancy.

Advantages of being a legal not-for-profit organization Part 1

- We are considered to be a legal entity with an independent existence separate and distinct from its members
- As a not-for-profit corporation we have a legal status separate and distinct from our members. Members may come and go, but the corporation continues until it is dissolved or wound up.
- Individual members of a corporation have protection from liability for the actions of the corporation. Individual members of the society are not liable for the debts or obligations of the society.
- We now can enter into contracts, buy and sell property, etc. We are entitled to acquire property, borrow money and otherwise deal with our property as an individual would deal with their property

Advantages of being a legal not-for-profit organization Part 2

- The formal corporate structure facilitates ongoing operations and decision-making.
- There may be increased credibility with the government, funders, and the public.
- The not-for-profit corporation has an enhanced ability, through its governing documents, to address membership status issues (e.g., removal for unpaid dues or death, and expulsion for disciplinary reasons).
- If we apply for charitable status, CCTS will be able to issue receipts. These receipts reduce the tax payable for the individual donor, or, in the case of a corporation, reduce the taxable income.

Disadvantages of being a legal not-for-profit organization

- We are required to do corporate filings
- Federal corporations incorporated under the Canada Corporations Act must get ministerial approval to change certain bylaws *(though this changed under the new Canada Not-for-Profit Corporations Act.)*
- There are some constraints placed on the type of activity that the we may engage in.
- There is a need to devote time, resources and continuing legislative updates to maintain the structure.

How are we different form a for profit organization

- The not-for-profit corporation is composed of members, whereas the for-profit corporation is owned by shareholders.

- The members of a not-for-profit corporation cannot receive any financial (or pecuniary) gain during the life of the corporation, whereas a for-profit corporation may distribute profits to its shareholders in the form of dividends.

- In some cases, the powers of a not-for-profit corporation may be limited to what is written into its objects (purposes), whereas, typically, the for-profit corporation has no such limits.

Caveats of being a legal not-for-profit organization

- As a not-for-profit, **any profit must be retained within the organization** and cannot be distributed to its members during the legal existence of the society

- Once the organization is registered, it needs to maintain its status

- Canada Revenue Agency (CRA) requires that registered not-for-profit organizations keep their legal corporate status in good standing in order to retain their registration

CCTS Excellence and Leadership

The values will serve as the basis for efforts to fulfill its mission and achieve its vision for the future in teaching, research, clinical and translational applications.

Besided becoming legaly operating organization across Canada in the period 2013- 2014 we expanded

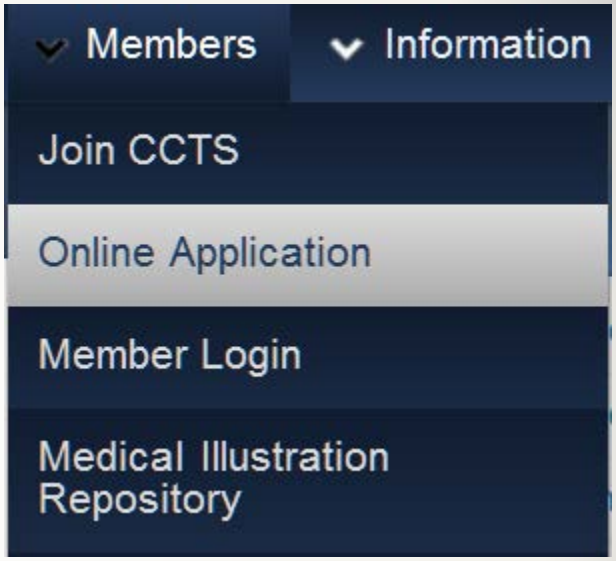
- Interdisciplinary approaches
- Interprofessional relationships
- Partnerships with local and regional interest groups
- Collaboration with industry
- Improved and implemented functionality to the online platform and presence and prepared for future functionality. (education, lab notes, collaborative work, task m anagement)

http://connective-tissue-canada.com/

Online Content, Event and Collaborative Management Platform

CCTS membership

- Applications are accepted all year
- Reviewing process is done at every CCTS meeting
- Cost depending on level/benefits/organization



Membership levels

1. Affiliate Membership
2. Associate Membership
3. Active Membership

Status of Membership can change.

Why Membership is a Top Priority

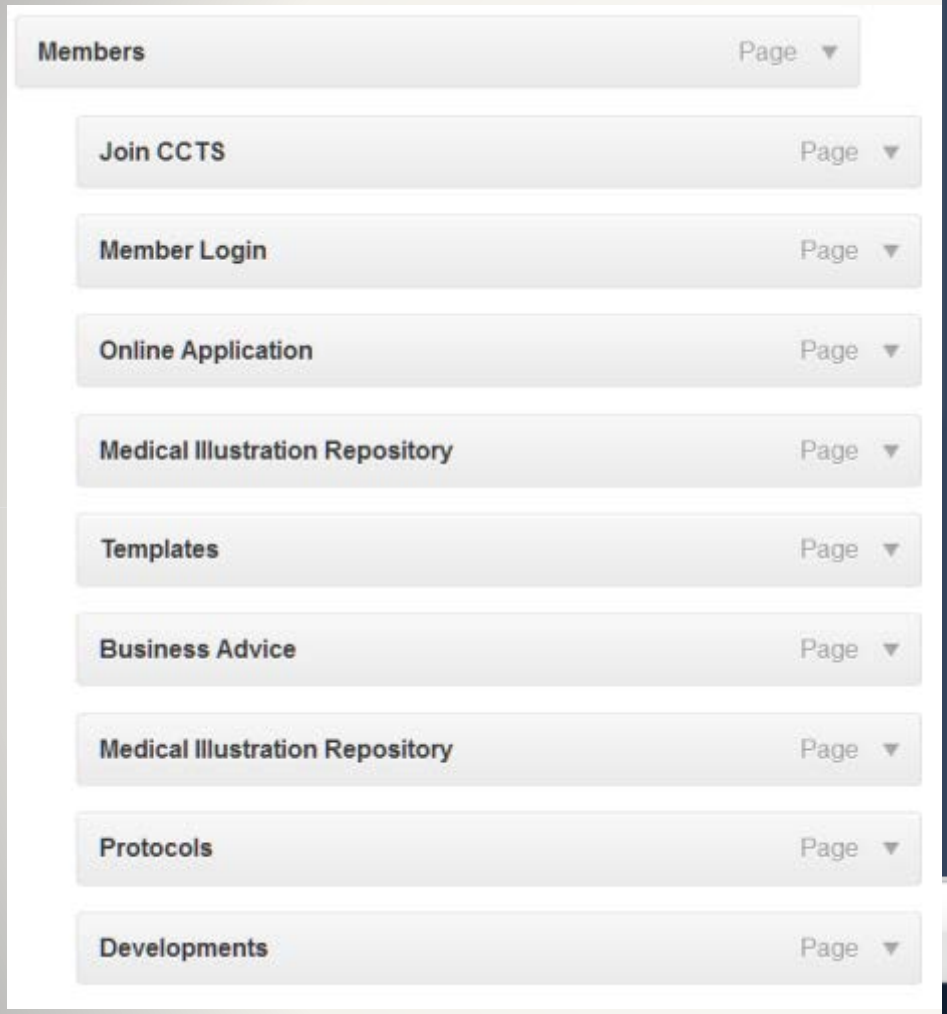
Sign up to be a member of the CCTS

Read more

BASIC BENEFITS

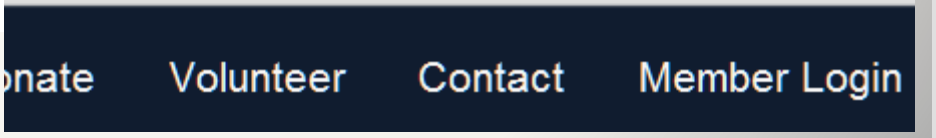
- Gain access to wealth of useful information.
- Exclusive online resources - “members-only” section
- Networking opportunities
- Conferences & Seminars
- Education (seminars, break-out sessions, **online** courses)

Why Membership has value



COLLATERAL BENEFITS

- Political clout (political presence that far exceeds that of individual members)
- Formal and informal coaching or mentoring relationships
- Leadership - we can become involved in many worthwhile projects. We can contribute to our communities in a variety of ways (Ex providing scholarships, hosting career days, building quality content for our use – medical imaging, protocols, templates, etc.)
- Source of answers and solutions when you're facing a challenging situation
- Event management

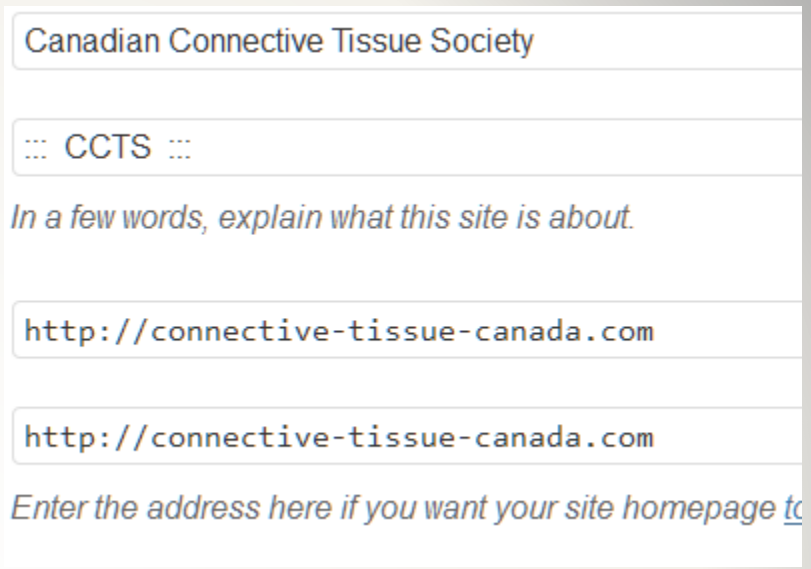


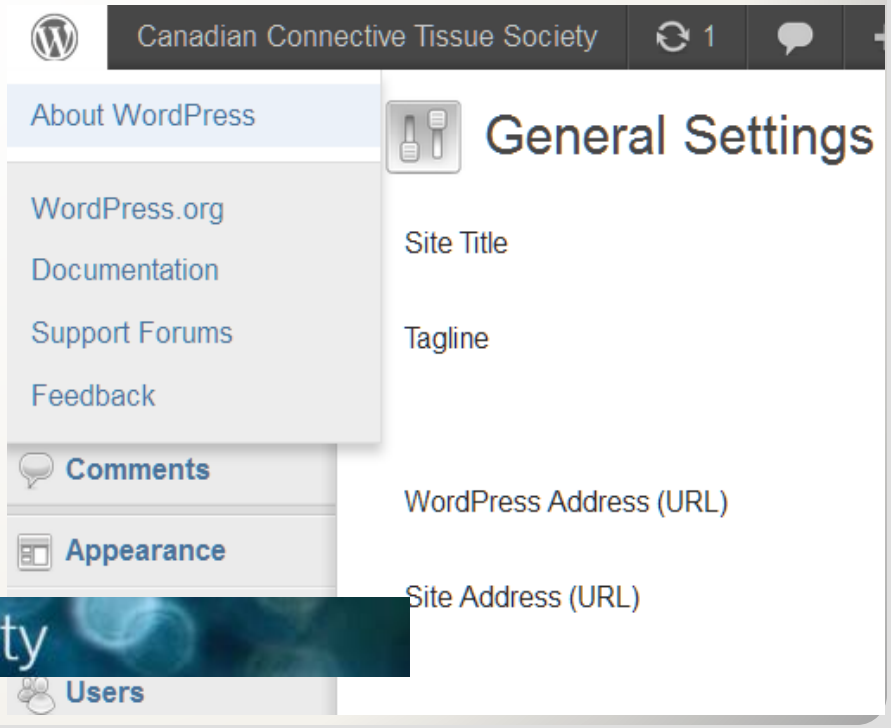
CCTS online platform.
Advantages and Functionality

CCTS is based on WordPress (open-source)

We use the same **content management system** (CMS) of choice for more than **two thirds** of the top million sites making it the **most popular on the web**, and is **trusted** by content publishers both large and small including CNN and the NY Times

Powerful semantic publishing platform, WordPress provides support authentication, user management, work-flow integration, groups.





CCTS online platform.
Analytics

Integrated analytics provide trends and behavior feedback

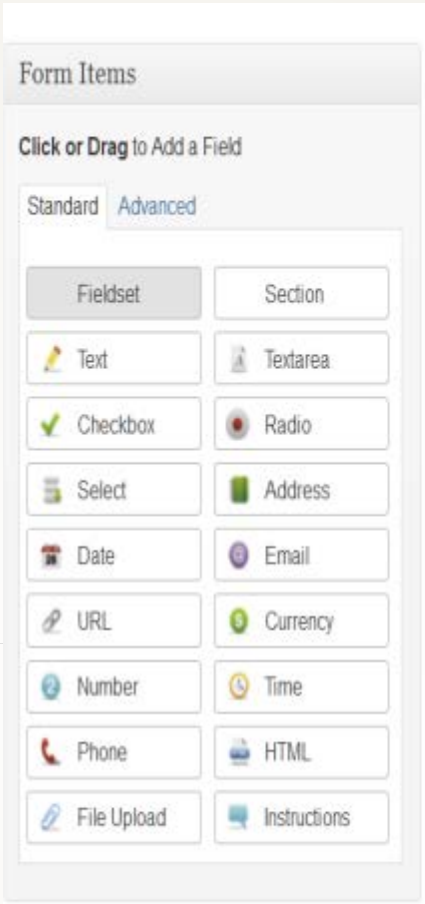
Entries Total
244

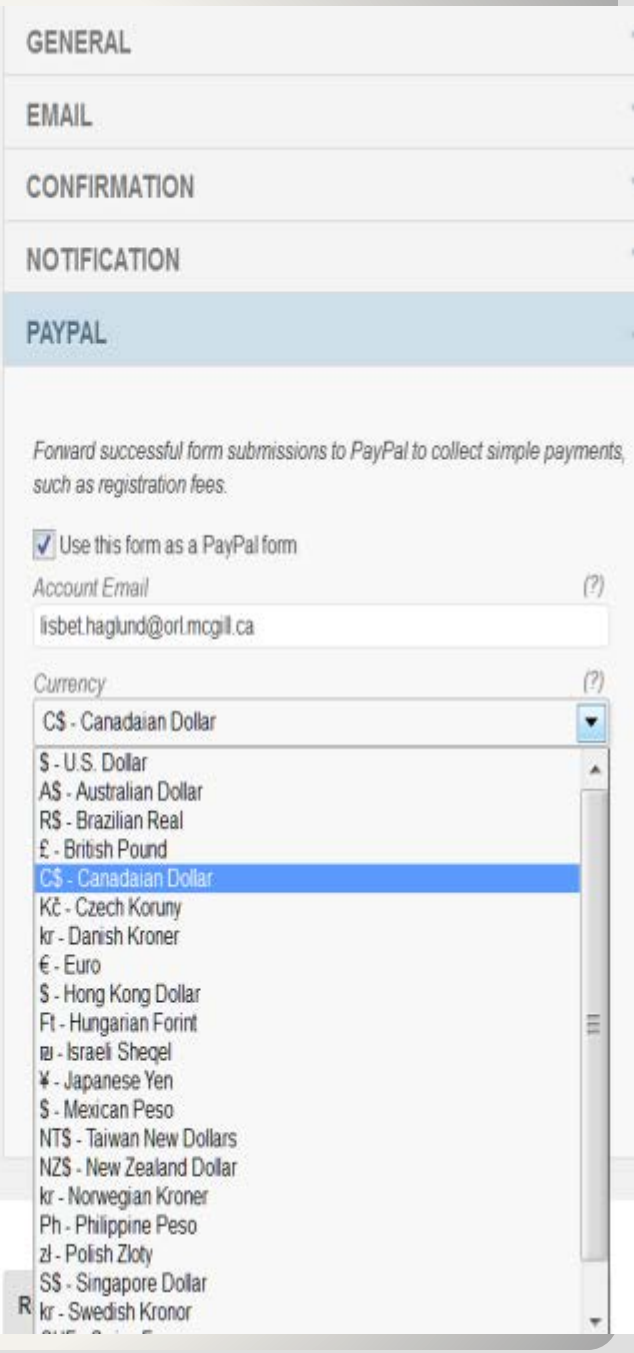
Average per Day
8

Your Busiest Day
May 03, 2013 38 Entries

CCTS services available

- Event management
- Database backed forms for various data collection
- Payment collection related to the forms
- Email automated responses after successful financial transactions





Job Posting and Grants/Funding advice

- Job Posting

Jobs

Post-doctoral fellow or research assistant position

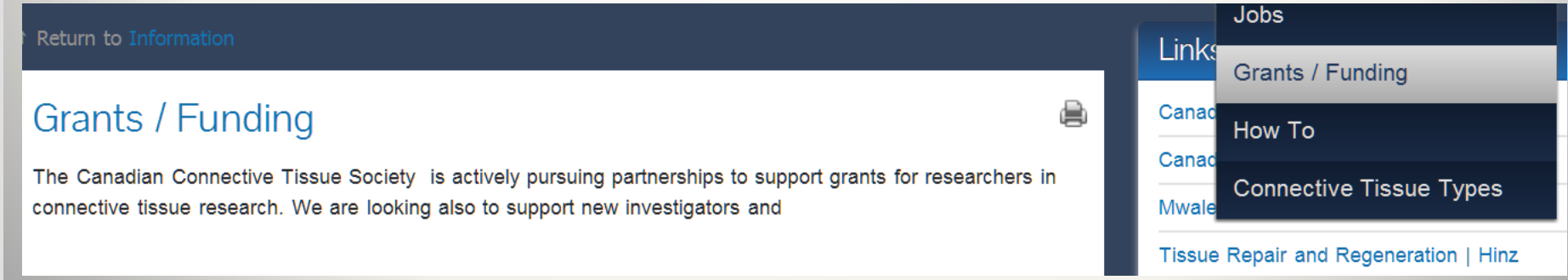
Yejia Zhang, MD, PhD, at the University of Pennsylvania, Perelman School of Medicine and the Department of Physical Medicine and Rehabilitation, is seeking a highly motivated post-doctoral fellow or research assistant with a passion for science. Research will focus on the mechanism of intervertebral disc degeneration and back pain. A candidate with background and experience on cell biology, molecular biology and mouse genetics is strongly encouraged to apply for this position.
The Hospital of the University of Pennsylvania is one of the top ten medical schools in the United States as ranked by US News and World Report. We have a rich academic environment at the University of Pennsylvania for the right candidates to flourish.Philadelphia — the cultural and economic hub of Pennsylvania — is home to major sports teams, a rich history, beautiful parks, and a vibrant downtown area. Interested candidates should contact Dr. Zhang directly.

Yejia Zhang, MD, PhD.
Assistant Professor
Email: Yejia.zhang@rushortho.com
Phone: (215) 868-9951

Link to Perelman School Of Medicine, University of Pennsylvania

Perelman School of Medicine at the University of Pennsylvania

- Grants / Funding



Return to Information

Grants / Funding

The Canadian Connective Tissue Society is actively pursuing partnerships to support grants for researchers in connective tissue research. We are looking also to support new investigators and

Jobs
Links
Grants / Funding
How To
Connective Tissue Types
Tissue Repair and Regeneration | Hinz

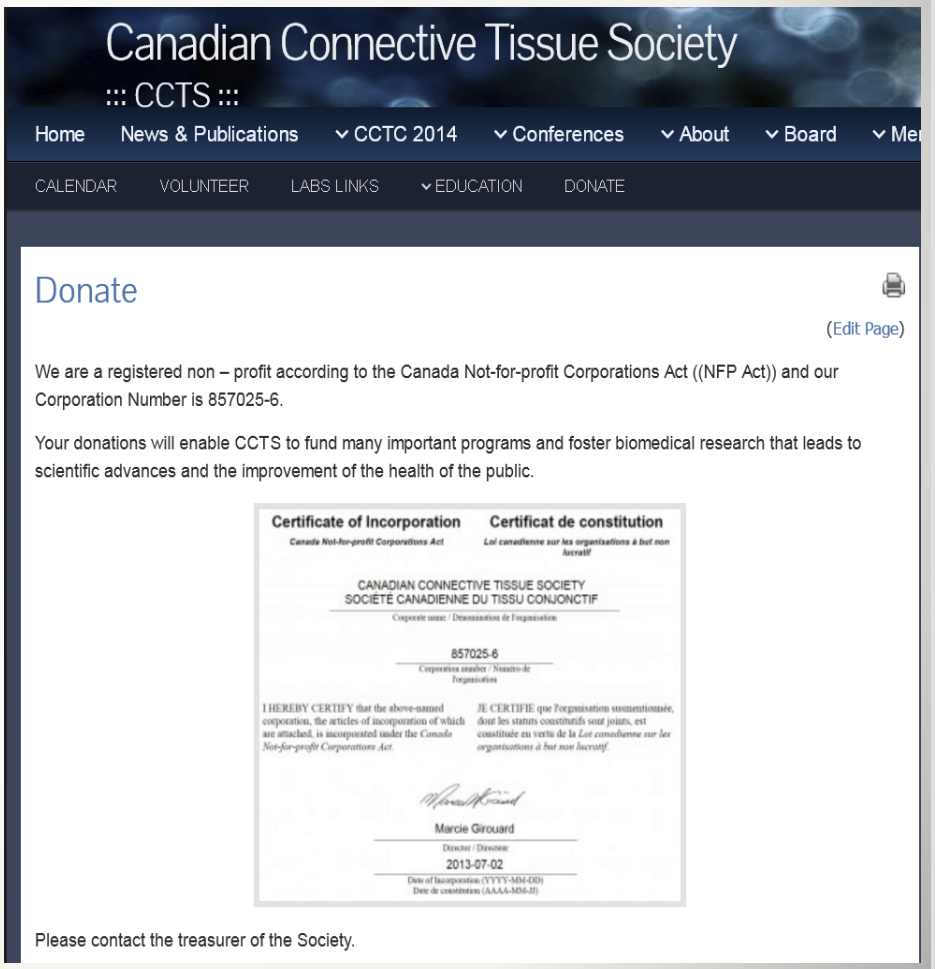
Donations

- Donations page
- http://connective-tissue-canada.com/donate/

We plan to actively pursue donation to counteract the chronically funding problems.

We have brought it online and the next step will be the setup of the payment gateway of the online mechanism of micro donations and individual donations.

Also in parallel with physical leg-work we will develop an online campaign and materials.



Education

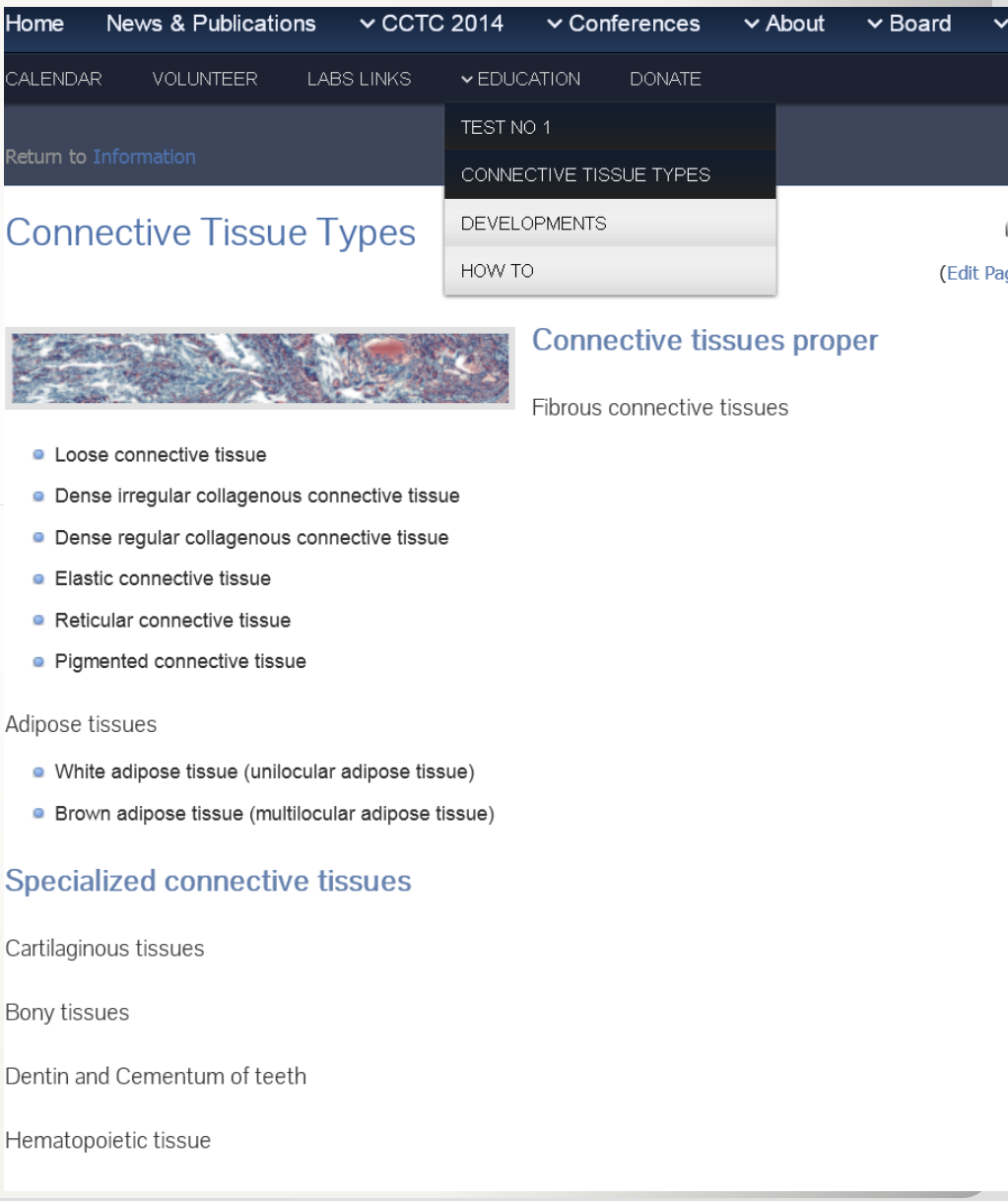
Recognizing that school is but one phase in a researchers education, we intend to create an environment in which we and our students prepare for a future in which scientific knowledge, societal values, and human needs are ever changing.

We will actively collaborate to build a strong foundation which will include:

- Skills in effective communication, and commitment to education, including teaching students, colleagues, medical staff, patients and the community.
- Ongoing development of a broad and flexible base of knowledge and skills that integrates basic science and clinical science.
- An understanding of the scientific method, and an appreciation of its application to clinical practice as well as to research.
- Ability to lead in their chosen fields, in settings of rapidly changing technology, funding resources and societal needs.
- The ability to address complex issues through a systematic, multidisciplinary, and collaborative approach.

Education

We finally have the testing modules ready, multimedia repository capabilities ready and course development section nearly ready.



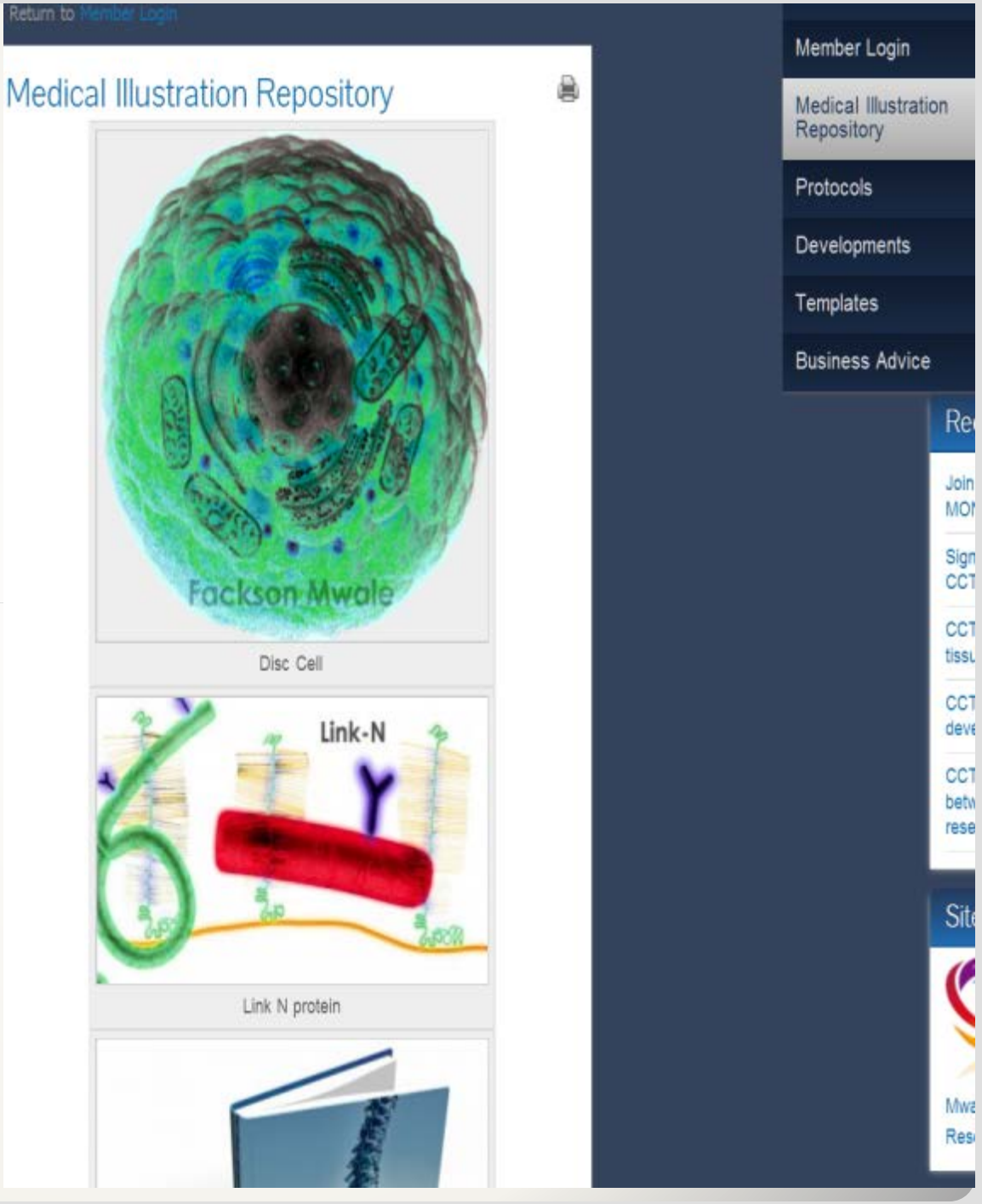
CCTS collaborative tools proposals for future implementation

- eJournal (we already have the online infrastructure in place it can take the place of your entire workflow from the initial draft to the time you hit publish – spelling, grammar, collaboration, and review – there's no need for e-mails back-and-forth or expensive desktop software)
- A collaborative tool for reference to Search, organize and share research references
- Online Lab Notes
- Building educational videos and TED like broadcasting of our research

CCTS content repository library

We are still planning to build a research library of

- photos,
- images,
- drawings,
- Models
- Protocols
- Video instructionals



Proposal for daily and event operations of the site, online platform maintenance and hardening and Society's compliance with corporate formalities and legislation – Dr. Ovidiu Ciobanu

Dr. Ovidiu Ciobanu was paid by the orLAB for the time he spent on the society duties and he was taken from his responsabilities and duties as a researcher.

All these costs (Time, Money and resources used) were paid for and provided by orLAB.

He is the incorporator of the CCTS as a not-for profit corporation. He was in charge of transforming CCTS into a Non-Profit Corporation and maintain and expand the online platform and presence and implement new functionalities to the CCTS site

supported the CCTS board with legal advice and generation of documents

ensured the proposed name of the society is available and did the NUANS Name Search Report for both the English and the French names

Secured the reservation of the corporate name

Studied the Societies Act and the new Canada Not-for-profit Corporations Act (NFP Act)

created the incorporation articles and filled Form 4001 – Articles of Incorporation

submission of the incorporation documents and obtained the letter from Corporations Canada approving our name along with the copy of the NUANS Name Search Report

filed the non-profit articles of incorporation

filled the memorandum of association explaining the reasons with the government department.

It was important that the articles contained the required clauses to make sure we qualify for not-for-profit status.

completed Form 4002 – Initial Registered Office Address and First Board of Directors filled the constitution and bylaws, and notice of address

insured compliance with corporate formalities

As of month of June he in the process of making the Annual Financial Statements for CRA for the July deadline

Good overall culture for coming up with ideas

Finalized implementation and test of the CCTS online examination module

support for the CCTC 2014 organizers (London Ontario - Andrew Leask and David O'Gorman) for print, online materials and safety and security suggestions

layout design and generation of PDF for online and print for program and abstracts

Created the new imagery for the CCTC2014 and accommodated sponsors requests or created goodwill for the organizers (generating track-back links for sponsors , modifying and improving localization search from within the site for the hotel chain sponsor – Delta Hotels)

On the online platform maintained and checked for a long list of potential problems and bugs (see bellow) and fixed functionality when necessary because of software incompatibilities with the new browsers updates or security behavior changes.

Added Infinite Scroll feature for posts and comments
Added alternate text in custom header image if it is set
Added width and height attribute for header image
Added validator function that ensures all custom colours use full 6-digit hexadecimal value to avoid blue gradients in IE9 and older
Added internationalization for the theme's editor buttons and page templates names
Comment counts will now use locale-aware numerals and number formatting
Comments will use comment author's display name if the author is registered
Static posts page will now apply the correct column mode as per the page template chosen for the placeholder page
Changed the heading tag for site title and description to only use h1 and h2 on the front page and homepage
Improved <select> elements in the theme's options pages
Updated jQuery Tools to version 1.2.7, and included only the Scrollable and Tabs component
Updated licence information to include bundled sources and image assets
Moved several blocks of inline javascript into a separate graphene.js file for cacheability
Removed the Graphene Options link on Admin Bar if logged-in user can't edit theme options
Removed the theme's random header image function as this is identical to WordPress' feature since WordPress 3.2
Renamed jQuery Tools .tabs() function to .jtTabs() to prevent conflict with jQuery UI Tabs
Fixed large featured image not being used as the header image if using Jetpack's Photon module
Fixed error notice when saving the theme's options page without Static Front Page being used
Fixed comments form overlapping page's content
Fixed non-clickable child-pages permalink when comments are enabled for parent page
Fixed compatibility issue with plugins that modify the comment textarea field, like Crayon
Fixed comments count reverting to 1 if there is 1000 or more comments
Fixed missing "Continue reading" button in excerpt of posts that have the <!–more–> tag
Fixed sticky post being styled as sticky twice
Fixed horizontal scrollbar for RTL sites
Fixed various RTL styling issues
Fixed editor width not reflecting the content width of the post

Implemented multilingual-aware object ID retrieval for better WPML compatibility

Remote Code Execution: Block unsafe PHP de-serialization that could occur in limited situations and setups, which can lead to remote code execution.
Link Injection / Open Redirect: Fix insufficient input validation that could result in redirecting or leading a user to another website. Reported by Dave Cummo, a Northrup Grumman subcontractor for the U.S. Centers for Disease Control and Prevention. CVE-2013-4339.
Privilege Escalation: Prevent a user with an Author role, using a specially crafted request, from being able to create a post "written by" another user.

Additional security hardening:

wp-admin/about.php
wp-admin/nav-menus.php
wp-admin/includes/post.php
wp-admin/includes/update-core.php
wp-admin/includes/template.php
wp-admin/network/upgrade.php
wp-admin/js/common.js
wp-includes/pluggable.php
wp-includes/comment-template.php
wp-includes/post-template.php
wp-includes/version.php
wp-includes/theme.php
wp-includes/functions.php
wp-includes/ms-functions.php
wp-includes/link-template.php
wp-includes/class-http.php
wp-includes/js/jquery/jquery.js
wp-includes/js/tinymce/plugins/wordpress/editor_plugin.js
wp-includes/js/tinymce/plugins/wordpress/editor_plugin_src.js
wp-includes/js/tinymce/w

Added simple validation to make sure a settings file is selected for theme options import
Added Genericons icon font for icons used as design elements so their colours can be changed
Various styling tweaks
Fixed theme options import/export bug
Fixed script error when comments are set to display the last page first and infinite scroll for comments is enabled
Fixed styling conflict with ReCaptcha
Minor fix for the theme's options interface behaviour
Added links to the theme's natively-supported plugins and add-ons
Added links to the theme's documentation page for individual feature set in the theme's options page
Included empty categories for the theme's slider and front page post options
Reworked settings preset option to just reset the theme's settings
Fixed duplicate and conflicting filter hook name "graphene_header_image"
Fixed database error notice when querying total number of comments
Fixed infinite scroll for comments not working if comments are displayed in reverse chronological order
Fixed issues with colour presets management
Fixed conflict with Shortcodes Ultimate plugin for the theme's options page
Fixed slider transition speed not being applied
Added option to save and delete colour presets
Added option to export and import colour presets
p-tinymce.js.gz

Added CodeMirror code editor for the theme's Custom CSS and Custom <head> tags options
Fixed comments link being displayed on posts that have comments disabled
Changelog spam protection module
Update 'Already have a key' link to redirect page rather than depend on javascript
Fix some non-translatable strings to be translatable
Update Activation banner in plugins page to redirect user to Akismet config page
Simplify the activation process for new users
Remove the reporter_ip parameter
Minor preventative security improvements
FireFox Stats iframe preview bug
Fix mshots preview when using https
Add .htaccess to block direct access to files
Prevent some PHP notices
Fix Check For Spam return location when referrer is empty
Fix Settings links for network admins
Improve error messages when verifying an API key

Fixed: [newsman post='number'] shortcode was not working.
Fixed: Insert post dialog vertical drag issue.
Added: WPML plugin integration.
Added: honeypot and timestamp fields to prevent spambots from subscribing to lists.

Fixed: bug that sometimes cause sender process to crash
Fixed: PHP 5.3 compatibility issues
Added: email address format check during import
Fixed: wp-cron test request timeout to eliminate false negative test results
Fixed: some minor bugs
Fixed: system email templates were not copied for default and wp-users lists during installation

Added: wp-cron testing code
Added: the ajax-fork mechanism to spawn workers in environments with alternate_wp_cron enabled
Added: correct initialization of wp admin environment in external scripts

Fixed: plugin urls contain propper protocol (http/https)
Fixed: bulk unsubscribe correctly skips broken email addresses
Changelog Framework options panel
Allow media buttons in the editor option
Menu tabs should be filterable
Menu settings filter
Temporarily removed update routine
Updated width of text input
New media uploader
Dropped custom post types for file attachments
Update routine to remove unused 'optionsframework' post types
Updated IDs for .tabs and .groups
Bugfix: Resolved issue where data-summary was not encoding correctly
Adjusted the "get started" screen so it's visible on smaller screens
Bugfix: Fixed Share Buttons not rendering with certain settings
Various performance improvements
Cleaned up assets directory, as a result the plugin zip file is now a lot smaller

Bugfix: Page titles are now properly encoded
Visual Builder MODULE
Add Current User ID/Name/Email/Username to Hidden field options
Add “Spam word sensitivity” setting
Add vfb_form_subject and vfb_notify_subject filters
Update vfb_notify_message to include new_entry_id
Update email and entry detail to wrap textarea, HTML, and post content in wpautop
Fix bug where lists were unstyled in descriptions
Fix various “selected” output bugs in admin
Fix bug where “Show on Screen” would not remember selections
Fix a couple screen options calls to use action and not filter
Fix bug where the Reply-To name was not properly set when multiple Name fields existed

Add reCAPTCHA
Add vfb_recaptcha_theme, and vfb_recaptcha_lang, vfb_recaptcha_opts filters
Add settings page with options for popular filters
Update Verification fields to allow for Conditional Logic
Update number sanitizing to use regular expression instead of floatval
Update file input styles
Update default view to form list mode
Update email to check if mb_encode_mimeheader function exists before using it
Update jQuery UI CSS
Update Email Design preview layout to two columns
Update CSS and JS to use cache busting version numbers
Fix edit links in admin toolbar
Fix bug where creating a new form did not forward to edit screen immediately
Fixed: Reduce performance impact of purging displayed gallery transients
Reverting to the 2.0.21 codebase, due to major performance issues in 2.0.23 and 2.0.24
NEW: WP-Cron job to periodically clean-up displayed gallery transients
NEW: Added "excluded_container_ids" as parameter for ngg_images shortcode
Fixed: Lightbox effect is honoured by all display types
Fixed: Highslide displays images from the correct displayed galleries
Fixed: Ensure that sub-albums display correctly when the word "album" is part of a slug
Fixed: PHP Warning about undefined index when viewing basic albums
Fixed: Image date is no longer overwritten when an image is modified
Fixed: Fixed issue with displayed galleries using source='tags'
Fixed: Problem with transient cache not getting flushed properly from Other Options page
Fixed: Use correct gallery/transient ID when ajax pagination is used
Fixed: Security warnings from VaultPress
Secured: Removed default connector for jQuery FileTree library
Changed: Updated the simplehtmldom library to version 1.5
Changed: jQuery is now enqueued at the beginning of every request
Fixed: Incompatibilities with BuddyPress
Fixed: Remove usage of DIR constant not supported by PHP 5.2.x
Fixed: Removed dependency on mb_string PHP module
Fixed: Warning: "Invalid CRT parameters detected" for Windows environments

NEW: Improved user experience throughout the plugin, settings and usage.
FIXED: Many bugs and annoyances, such as PHP warnings, errors, etc.

Fixed: Removed many E_NOTICE errors
Fixed: XML-RPC error displayed when authenticating using WordPress 3.5
Changed: All transients created by NextGEN are flushed when the plugin is activated.
Fixed: The transient adjustment fixes: http://wordpress.org/support/topic/plugin-nextgen-gallery-_transient_ngg_request-entry-in-wp_options
Bugfix: Switched from "template_redirect" to "wp_enqueue_script" hook to load scripts and styles
Changed: Implemented workaround for bug found in WordPress SEO, resulting in no images being added to sitemap

Canadian Connective Tissue Society

FUTURE

Let's improve and build a stronger CCTS

Dr. FACKSON MWALE

2014 London