

# Managing Multitudinous WordPress Sites Easily & Effectively

Ken Behn & Erika Jenns  
*Southern Tier Library System*



**STLS**

Southern Tier Library System

*Connecting Community Libraries*

# Hello! 🖐️



**Erika Jenns**

Engagement Consultant  
Southern Tier Library System

*Design & content stuff*

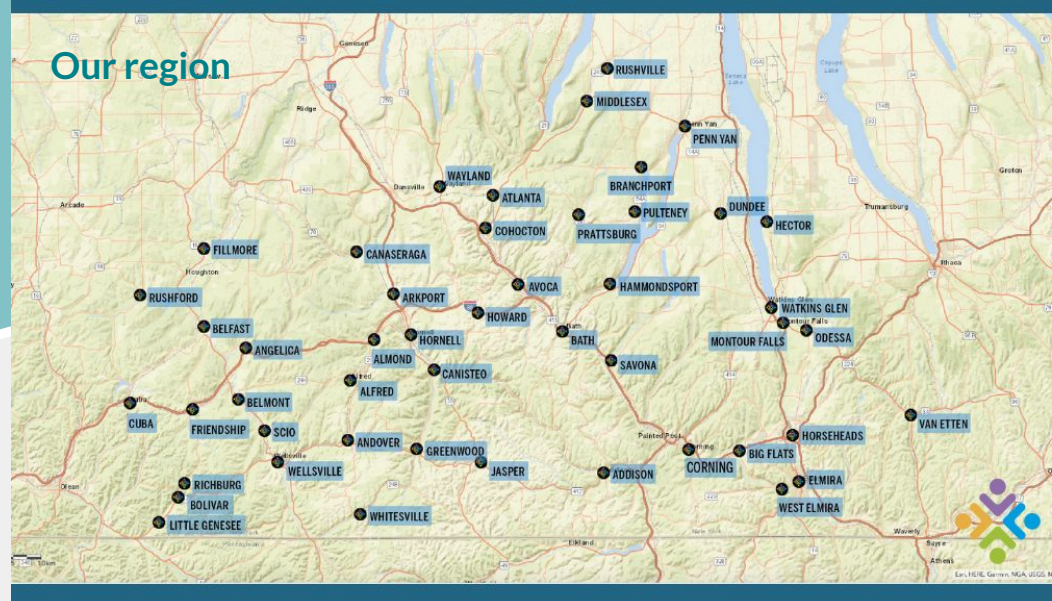
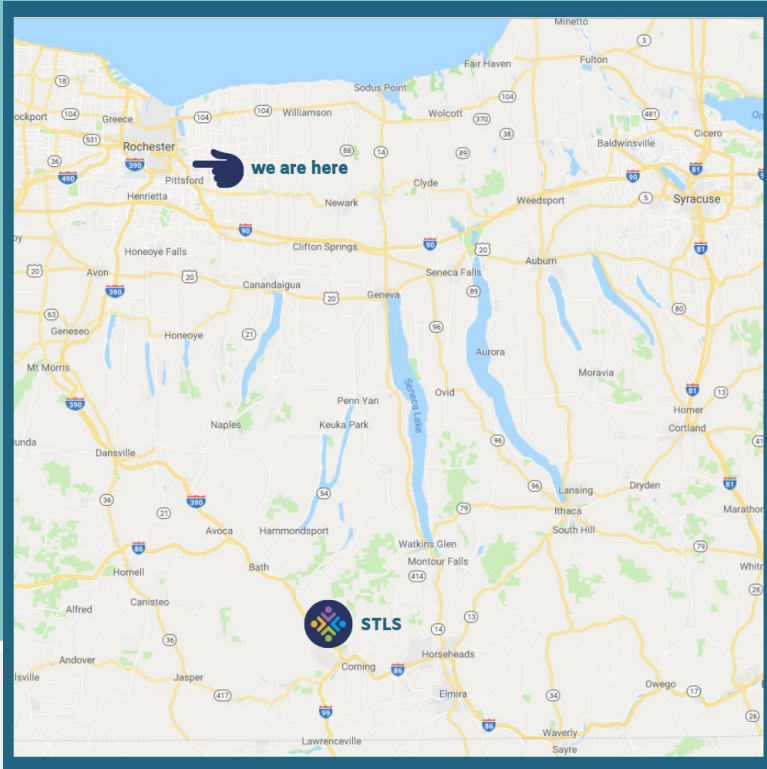


**Ken Behn**

Director of IT  
Southern Tier Library System

*Security & technical stuff*

# Southern Tier Library System



# Partnerships

Each of our libraries is independent.

We manage the backend; they manage the front end\*.



**STLS**

Southern Tier Library System

*Connecting Community Libraries*



# Managing Multiple Websites - A History



# Managing Multiple Websites - A History



## Sub Webs

libraryname.stls.org,  
basic websites

## Facebook

Libraries begin to join FB &  
attempt to maintain both sites

## Domains Change

Libraries purchase their own  
domain names

## Drupal → WP

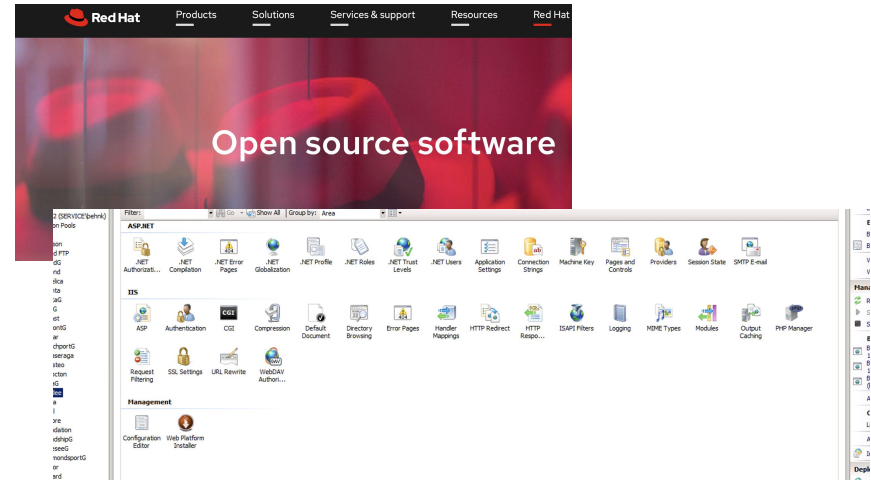
STLS migrates from Drupal to  
WordPress, libraries do the  
same

## Ownership Transfer

Libraries take over as site admins  
and have full control

# Why We Host

- On-site datacenter with excess capacity
- Windows server expertise
- RHEL server expertise
- Co-location arrangement
- Big Internet pipe
- Existing disaster recovery
- Easier WordPress recovery



# What We Provide

- Maintain server OS
- Backup / Replicate to colo
- Update PHP / SQL
- Secure WordPress
  - **SSL**
  - **/wp-admin**
- Provide supported themes and plugins list
- Recover WordPress sites they might break





# What We Expect from Libraries

- Perform updates to WordPress core
  - Theme
  - Plugins
- Use supported plugins
- Maintain content

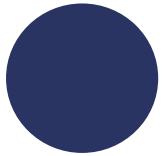


# Consulting with Libraries



# Understanding the User

Non-User



Novice

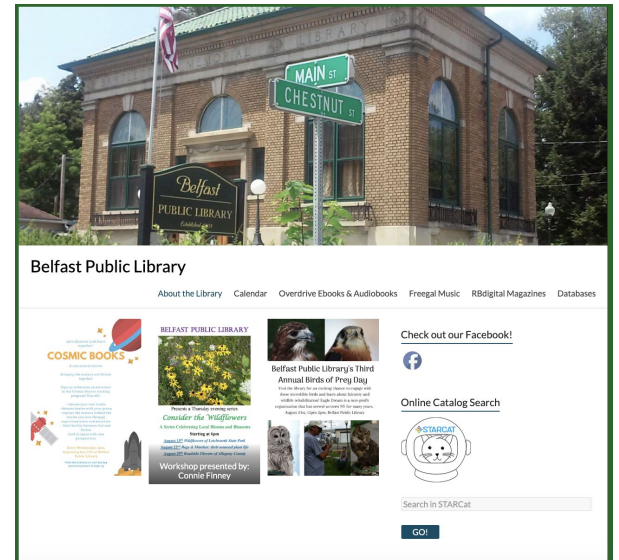


Intermediate

Super User

# Meet Sheila

This is Sheila.  
She is the Director of the Belfast Public Library.  
Sheila is a novice level WP user.



# Meet Linda



This is Linda.  
She is the Director of the Dundee Public Library.  
Linda is an intermediate level WP user.

**Dundee Library**  
The Dundee Library serves the community by providing resources for information, learning opportunities, and networking.

[Home](#) [About Us](#) [Newsletter](#) [Calendar](#) [Our Collection](#) [Services](#)

**Library Hours**  
Monday: 2 PM - 7 PM  
Tuesday: 2 PM - 7 PM  
Wednesday: 2 PM - 7 PM  
Thursday: 10 AM - 6 PM  
Friday: 10 AM - 6 PM  
Saturday: 10 AM - 2 PM

**Library Contact Information**  
Dundee Library  
32 Water Street  
Dundee, NY 14837  
607-243-5938  
Dundee@stls.org

# Meet Shauna

This is Shauna.  
She oversees the websites for both the Cuba Circulating Library and the Friendship Free Library.  
Shauna is a super user.



Friendship, NY 14733, USA | +15859737724 | friendshipfree@library@gmail.com

**FRIENDSHIP FREE LIBRARY** | HOME | ABOUT US | CALENDAR | PHOTOS | FOR KIDS | NEW THIS MONTH | SERVICES | LOCAL LINKS | EDUCATION & TRAINING RESOURCES | DATABASES | LATEST NEWS

**PITT MEMORIAL LIBRARY**  
Friendship Free Library  
community since 1897.

**CUBA CIRCULATING LIBRARY**  
Serving the community since 1872.

**NEW BOOKS**  
our latest additions to the collection.

**SERVICES**  
View a list of the services available.

**What's Happening at the Library**

**PHOTO OF THE DAY**

**LIBRARY HOURS**

Monday	9:30 am - 8:00 pm
Tuesday	9:30 am - 8:00 pm
Wednesday	9:30 am - 8:00 pm
Thursday	9:30 am - 8:00 pm
Friday	9:30 am - 8:00 pm
Saturday	9:30 am - 3:30 pm
Sunday	CLOSED

**Online Catalog**

**OVERSERVE**  
Borrow eBooks & audiobooks

**CCLD**  
Your Library  
Welcome to the Chemung County Library District

[About](#)
[Events](#)
[Resources](#)
[Genealogy](#)
[Makerspace](#)
[Services for ...](#)
[Blog](#)

[My Account](#)
[Contact Us](#)
[Featured Services](#)
[FAQs](#)

Find books, movies, etc.

**OverDrive**

**eBOOKS & DIGITAL AUDIOBOOKS NOW AVAILABLE**

### Recent Blog Posts

- [New Videos at Steele Library for September](#) September 9, 2019
- [New Short Story Collections at the Steele Memorial Library](#) September 3, 2019
- [Friends of the Horseheads Free Library Annual Book Sale: September 3, 2019](#) September 3, 2019
- [Grown from CCLD's Seed Lending Library](#) August 27, 2019
- [New TV on DVD at Steele - August 2019](#) August 15, 2019

Use the following link to select Chemung County Library District as your choice. Amazon will donate 0.5% of the purchase price of eligible items to the library. 3878699.

**Modeste Bedient Memorial Library**  
Branchport Library

[Home](#)
[Calendar](#)
[Services](#)
[Digital Resources](#)
[About the Library](#)
[Support](#)

**Location**  
 3699 Route 54A  
 Branchport, NY

**Lego Builders, Lego Club every first Wednesday of the month at 6pm**

By Jessica Cornell / July 30, 2019

Avoca Free Library Here to serve the community

[Home](#)
[About Us](#)
[Calendar](#)
[STLS Public Resources](#)
[Search Library Catalog \(STARCat\)](#)

**Facebook Page:**

**Avoca Free Library**  
 Avoca Free Library provides a quiet welcoming place to read and work. It is a gathering place for citizens from all parts of the community. Libraries are more than just shelves of books and rows of computers. They are places where citizens gather to investigate, interact, and imagine. They are community centers that are accessible to [...]

**Weather:** 69° clear-sky, humidity: 77%, wind: 10mph SSW, H: 77 - L: 76

**September 2019**

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

**SOUTHEAST STEUBEN COUNTY LIBRARY**

[KIDS](#)
[TEENS](#)
[ADULTS](#)

[CALENDAR](#)
[ABOUT](#)
[CATALOGS](#)
[RESEARCH](#)
[SUPPORT](#)

Friends of the Southeast Steuben County Library

**Fall Book Sale**  
Sept. 21-28, 2019

Fire Department • 11873 E. Corning Rd. • Corning, NY  
 First Day: Join at the Door • Cash or Check Only

[HOME](#)
[EVENTS](#)
[SERVICES](#)
[ABOUT US](#)
[STARCAT](#)
[BOB BOOK BLOG](#)
[HOMESCHOOL RESOURCES](#)

**Upcoming Events**

**Hours**  
 Sunday 12pm-4pm  
 Monday 10am-6pm  
 Tuesday 12pm-6pm  
 Wednesday 10am-6pm  
 Thursday 12pm-6pm  
 Friday 10am-5pm  
 Saturday: CLOSED

Contact:

Explore infinity and beyond at your library!

September is LIBRARY CARD SIGN UP MONTH

Other STLS member library websites

# Prescribing Design

**Spacious**  
ThemeGrill

Current Theme: **Spacious** version: 1.5.5  
By ThemeGrill

Spacious is an incredibly spacious multipurpose responsive theme coded & designed with a lot of care and love. You can use it for your business, portfolio, blogging or any type of site. It has 4 page layouts, 2 page templates, 4 blog display types, 13 widgets areas, 5 custom widgets focusing on business template, awesome slider, primary color option to match your logo & website, boxed & wide layout, light & dark color skin, translation ready and many more. You can get free support in <https://themegrill.com/support-forum/> and check the demo at <https://demo.themegrill.com/spacious/>.

**Tags:** one-column, two-columns, right-sidebar, left-sidebar, flexible-header, custom-header, custom-background, custom-menus, custom-colors, sticky-post, threaded-comments, translation-ready, featured-images, theme-options, footer-widgets, blog-e-commerce, rtl-language-support

**Service One:** Choose the service you are looking for. It is the most popular service. It is the most popular service. It is the most popular service. It is the most popular service. It is the most popular service.

**Service Two:** Choose the service you are looking for. It is the most popular service. It is the most popular service. It is the most popular service. It is the most popular service. It is the most popular service.

**Service Three:** Choose the service you are looking for. It is the most popular service. It is the most popular service. It is the most popular service. It is the most popular service. It is the most popular service.

Customs | Widgets | Menus | About Spacious | Install Plugins | Header | Background

## Spacious theme



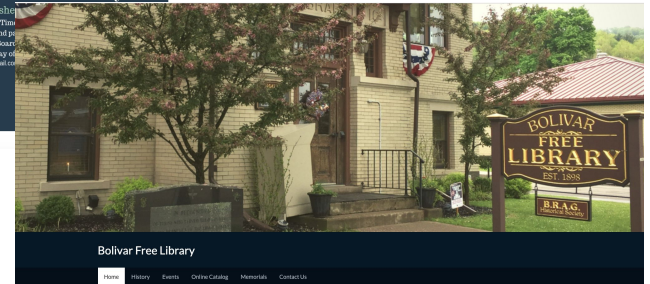
### Genesee Library

There's a Universe of Stories just waiting for YOU

[Home](#) [Calendar](#) [Open Meeting Documents](#) [Digital Media](#) [Databases](#)

2019 is Here..

Find us on Facebook



### Bolivar Free Library

[Home](#) [History](#) [Events](#) [Online Catalog](#) [Newsletters](#) [Contact Us](#)

Welcome to the Bolivar Free Library!

Our hours are:

Monday: 6:00pm - 8:00pm  
Tuesday: 9:30am - 4:30pm  
Wednesday: 6:00pm - 8:00pm  
Thursday: 6:00pm - 8:00pm  
Friday: 9:30am - 4:30pm

To open links below, click on the images!

Library Catalog



### Essential Club Free Library

Serving Centercamp, Swain, Curwoods, Birdsell, Devine, and Burns for 118 years

[Calendar](#) [About Us](#)



STARCat - Search the Catalog





# Plugins Can Help

The screenshot shows the WordPress 'Add Plugins' page. At the top, there are tabs for 'Featured', 'Popular', 'Recommended', and 'Favorites'. A search bar is present with the text 'Keyword 2' and 'Search plugins...'. Below the search bar, a note states: 'Plugins extend and expand the functionality of WordPress. You may automatically install plugins from the [WordPress Plugin Directory](#) or upload a plugin in .zip format by clicking the button at the top of this page.'

The main content area displays a grid of plugin cards. Each card includes a logo, the plugin name, a brief description, an 'Install Now' button, a star rating, the number of active installations, and the last update date. The plugins shown are:

- Akismet Anti-Spam:** Akismet checks your comments and contact form submissions against our global database of spam to protect you and your site from malicious content. By Automatic. 4.5 stars, 835 reviews, 5+ Million Active Installations. Last Updated: 4 months ago. Compatible with your version of WordPress.
- Classic Editor:** Enables the previous "classic" editor and the old-style Edit Post screen with TinyMCE, Meta Boxes, etc. Supports all plugins that extend th... By WordPress Contributors. 4.5 stars, 701 reviews, 5+ Million Active Installations. Last Updated: 5 months ago. Compatible with your version of WordPress.
- Jetpack by WordPress.com:** The ideal plugin for stats, related posts, search engine optimization, social sharing, protection, backups, security, and more. By Automatic. 4.5 stars, 1,429 reviews, 5+ Million Active Installations. Last Updated: 2 days ago. Compatible with your version of WordPress.
- bbPress:** bbPress is forum software, made the WordPress way. By The bbPress Community. 4.5 stars, 296 reviews, 300,000+ Active Installations. Last Updated: 7 months ago. Untested with your version of WordPress.
- Gutenberg:** The block editor was introduced in core WordPress with version 5.0. This beta plugin allows you to test bleeding-edge features around editing and cust... By Gutenberg Team. 4.5 stars, 2,881 reviews, 5+ Million Active Installations. Last Updated: 7 days ago.
- BuddyPress:** BuddyPress helps site builders & developers add community features to their websites, with user profiles, activity streams, and more! By The BuddyPress Community. 4.5 stars, 1324 reviews, 300,000+ Active Installations. Last Updated: 2 months ago. Compatible with your version of WordPress.



How do we choose which plugins to recommend?

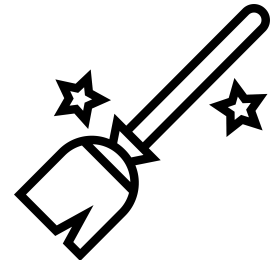
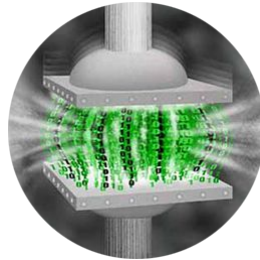
# Plugins for Content

- The Events Calendar
- Social Media Share Buttons
- Responsive Post Slider\*



# Plugins for Performance

- WP Super Cache
- Smush Image Optimization, Compression, etc.
- WP Super Minify
- WP Optimize, Clean, Compress, Cache
- Sweep



# Plugins for Maintenance


- UpdraftPlus
- Disable Comments
- Easy Updates Manager



Easy Updates  
Manager

# Error

When things go wrong.



**Error establishing a database connection**



This page isn't working

perfmatters.io is currently unable to handle this request.

HTTP ERROR 500

Reload

com/wp-admin/

The site is experiencing technical difficulties. Please check your site admin email inbox for instructions.



400. That's an error.

Your client has issued a malformed or illegal request.  
That's all we know.



## Server Error

**500 - Internal server error.**

**There is a problem with the resource you are looking for, and it cannot be displayed.**

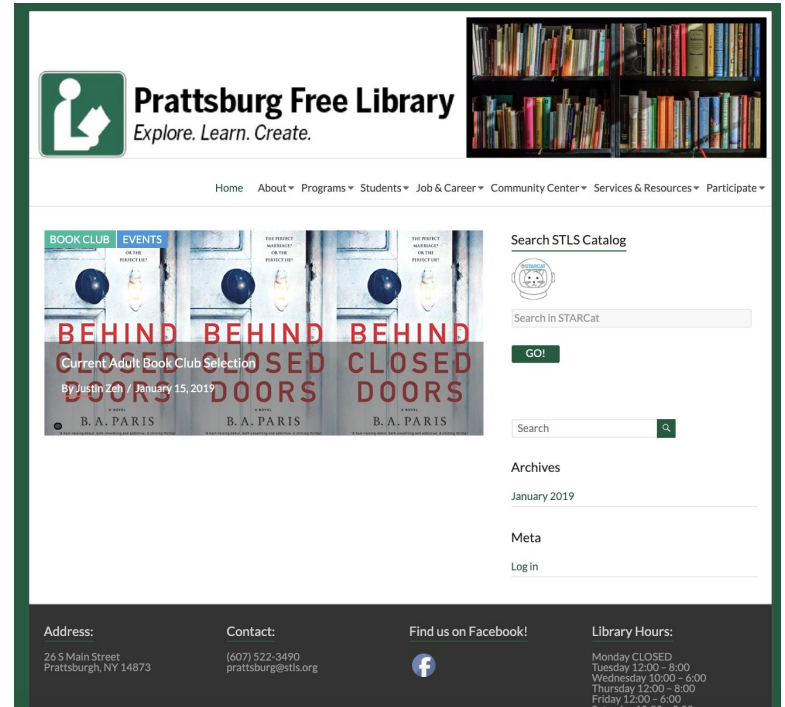
# Example 1: Prattsburg Free Library

What if they break it?

## Server Error

**500 - Internal server error.**

**There is a problem with the resource you are looking for, and it cannot be displayed.**



The screenshot shows the Prattsburg Free Library website. The header includes the library's logo, name, and tagline "Explore. Learn. Create." along with a navigation menu. The main content area features a book club selection for "BEHIND CLOSED DOORS" by B. A. PARIS. The right sidebar contains search options for the STLS Catalog and STARCat, as well as links to Archives, Meta, and Log In. The footer provides contact information, social media links, and library hours.

**Prattsburg Free Library**  
Explore. Learn. Create.

Home About Programs Students Job & Career Community Center Services & Resources Participate

BOOK CLUB EVENTS

BEHIND CLOSED DOORS  
Current Adult Book Club Selection  
By Justin Zeh / January 15, 2019  
B. A. PARIS

Search STLS Catalog

Search in STARCat

GO!

Search

Archives

January 2019

Meta

Log In

Address: 26 S Main Street, Prattsburg, NY 14873

Contact: (607) 522-3490, prattsburg@stls.org

Find us on Facebook!

Library Hours: Monday CLOSED, Tuesday 12:00 - 8:00, Wednesday 10:00 - 6:00, Thursday 12:00 - 8:00, Friday 12:00 - 6:00, Saturday 10:00 - 2:00

# Example 2: Wimodaughnian Free Library

Or, something doesn't look quite right?

## [Wimodaughnian Free Library](#)

- [About Us](#)
  - [Patron Information](#)
    - [Home](#)
    - [History](#)
- [Wimodaughnian Association and Support](#)
  - [Hours](#)
  - [Calendar](#)
- [New Arrivals](#)

## [AARP Driver Safety Course](#)

[September 26, 2017](#) [Kimberly Graham](#) [Leave a comment](#)

The AARP Driver Safety Course will be offered at the Wimodaughnian Free Library of Canisteo to anyone 18 and over, although the your insurance by up to 10%, and get some points removed from your license. \$20 for AARP members and \$25 for non AARP [...]

[Read more](#)

Category: [Uncategorized](#)

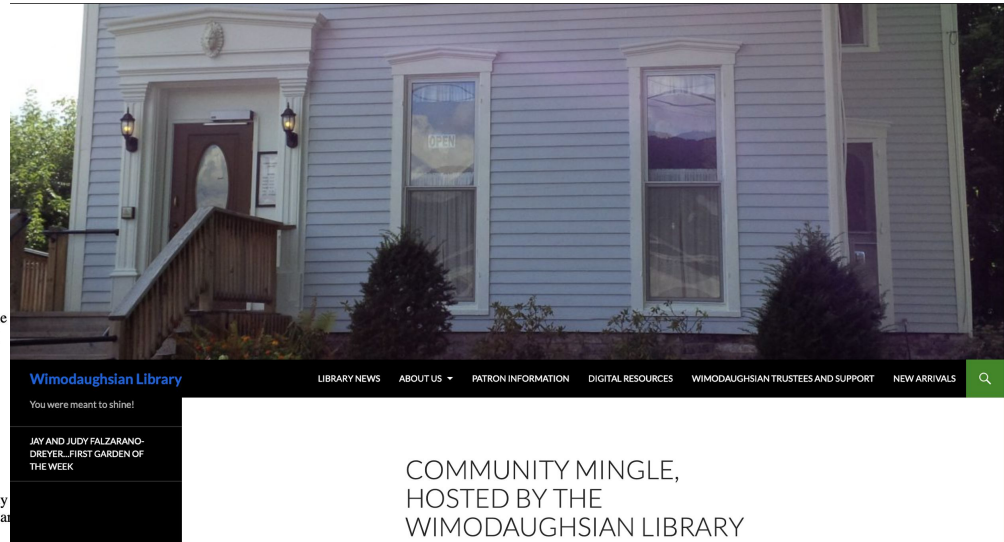
## [Mrs. Patty Kelley and Mrs. Meredith Shafer are offering a free tutoring program](#)

[September 7, 2017](#) [Kimberly Graham](#) [Leave a comment](#)

Mrs. Patty Kelley and Mrs. Meredith Shafer are offering a free tutoring program from 3:30 pm until 5 pm Tuesday through Thursday the ability to set up additional times/days with their tutor individually based on the tutor's availability. All school aged children at Can

[Read more](#)

Category: [Uncategorized](#)





#priorities



Questions?