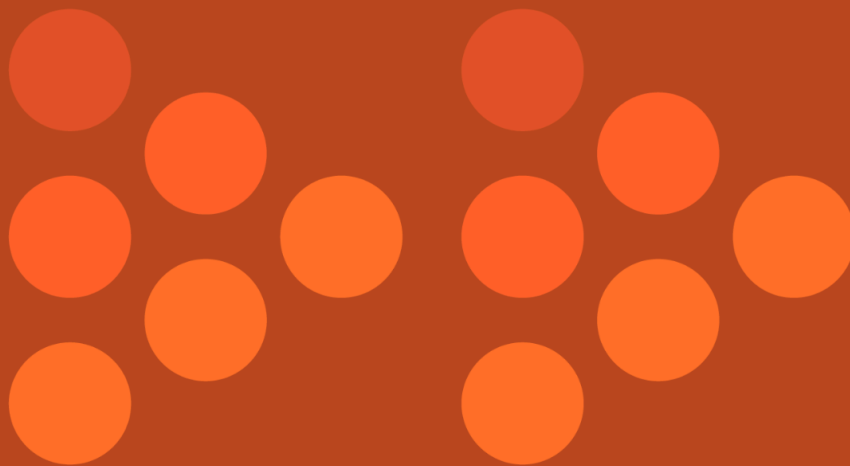


APHL Website

Requirements: Lab Matters Magazine

07.18.2025



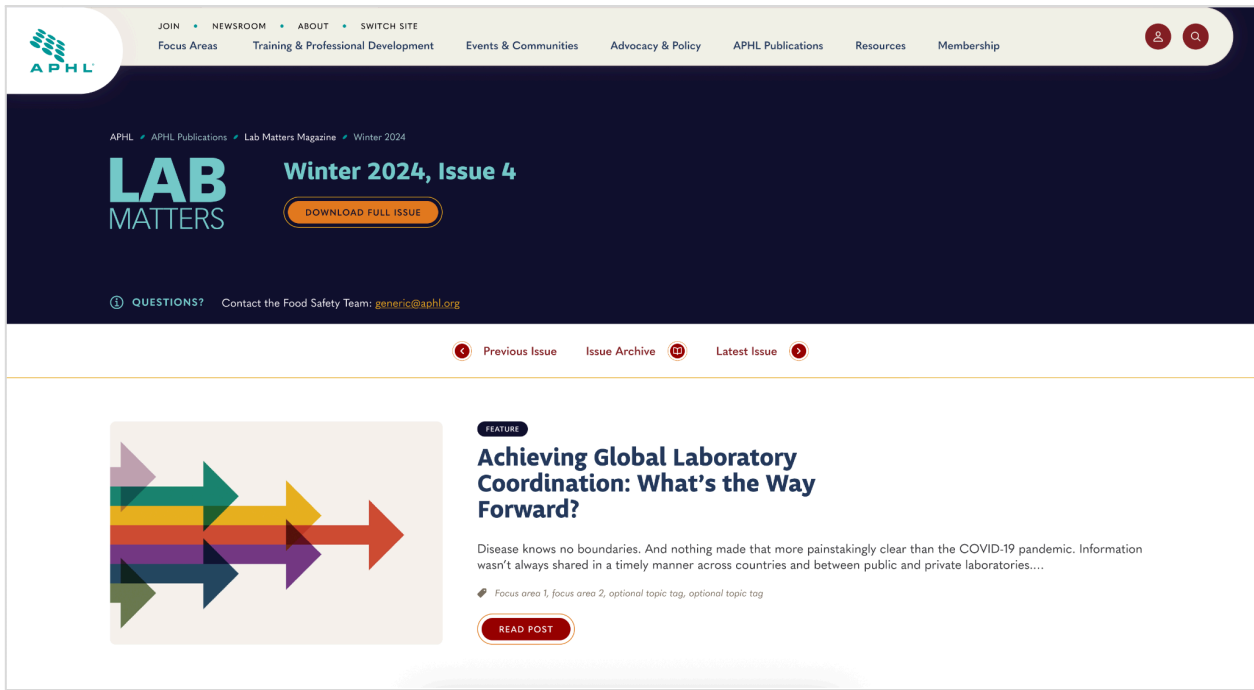
website
requirements

astriata.



Issue

The APHL team has opted to enrich the APHL website by migrating the Lab Matters content onto the main website. This will require functionality across several input types and pages.



View in Prototype:

To review this page in greater detail, use the following links: [desktop](#), [tablet](#), [mobile](#)

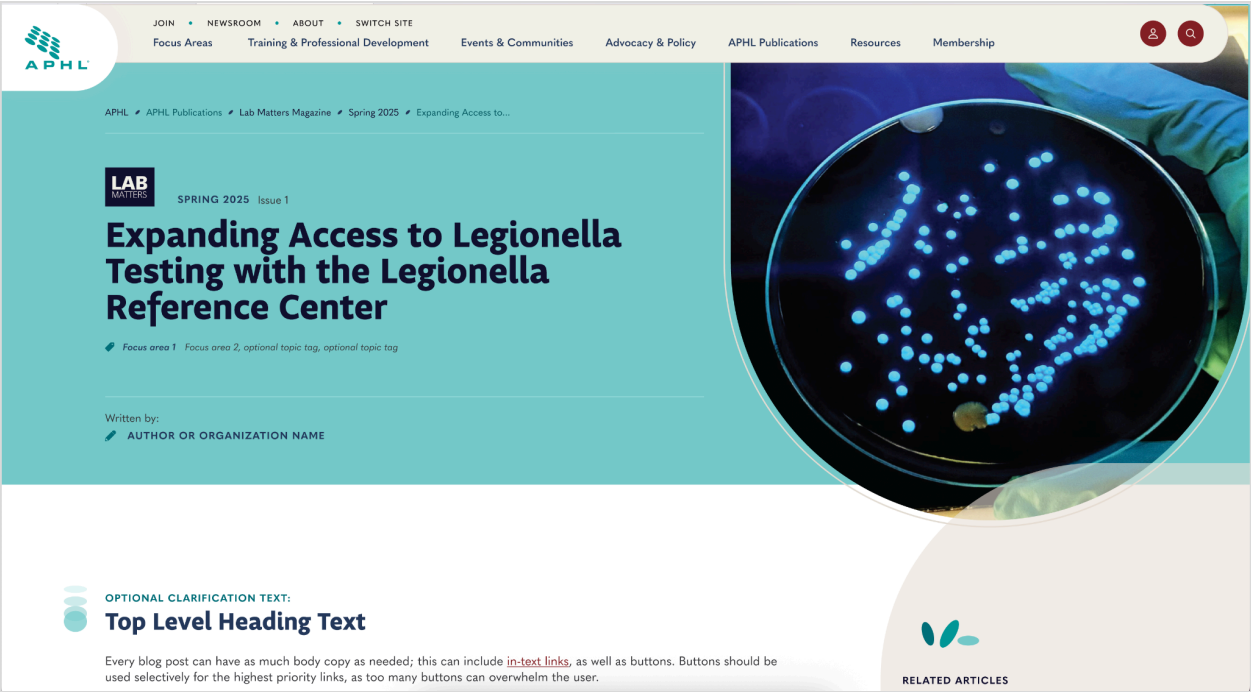
Feature	Functionality
Issue data	Each issue will be formatted automatically by the CMS using data input by content editors. Each issue will require the following: 1. Issue quarter* (<i>will be dropdown to ensure consistency</i>) 2. Issue year* 3. Issue number* 4. Issue thumbnail* 5. Issue content (<i>If articles are not migrated, a PDF link is required</i>) a. URL to download full issue PDF b. Article(s) associated with it
Issue display	Each issue can be displayed one of two ways: • If an issue has been published with a list of articles, its issue detail page will be built automatically to display all those



	articles. • If an issue has been published with no articles, only its PDF download link will be used. It will not have a dedicated detail page, only a block on the issue archive page where users can download that PDF.
<i>The following specifications will be used for all issue detail pages:</i>	
Article feed	There will be no pagination for lists of articles, regardless of the number of articles. Articles can be dragged into the desired order to replicate the issue table of contents.
Issue sorting	Users will be able to sort the Lab Matters issue feed by article type (default, corresponding to table of contents order), A-Z, and Z-A using the dropdown toggle above the article list.
Article filtering	Users will be able to filter the Lab Matters feed by feature area and topic. Each will use a dropdown populated by the data present on all issue articles; if a topic tag was not used on an article, it will not appear on the list. Both focus areas and topics will be organized alphabetically in the dropdown. Only one of each filter can be selected at a time, for a maximum of 1 focus area and 1 topic tag at a time. When a filter has been selected, it will be displayed as the dropdown text label for a visual indicator.
Issue image	Each issue will be given a thumbnail, used on the issue archive page. Thumbnails should be sized to 150px wide by 200px high, JPEG format.
Issue-to-issue navigation	Every issue page will have links beneath the header to encourage quick browsing. These will consist of: 1. Previous issue, leading to the issue released chronologically before the current issue 2. Issue archive, leading to the corresponding page 3. Latest issue; this will not be displayed if no newer issue exists
Issue download	Users who prefer to read offline can do so by downloading the issue PDF, if one was provided. In these cases, the button will be automatically displayed in the header; if this does not exist, the button will not be displayed.



Articles: Standard



View in Prototype:

To review this page in greater detail, use the following links: [desktop](#), [tablet](#), [mobile](#)

Feature	Functionality
---------	---------------



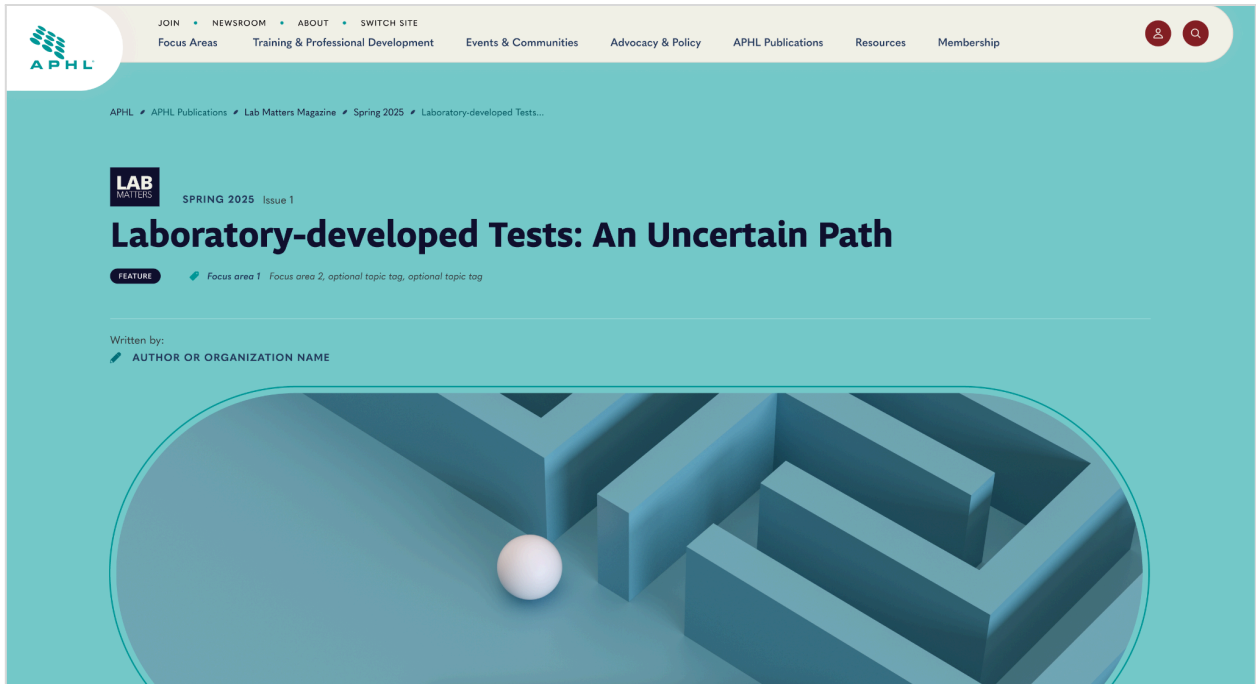
Article data	Each article requires the following information: 1. Article name (<i>limited to 125 characters</i>) 2. Article template (<i>standard, feature, or industry feature</i>) 3. Issue in which the article appeared 4. Article type (<i>see below</i>) 5. Header image 6. Tags (<i>will select from pre-set lists saved to the CMS</i>) a. Primary focus area (<i>shown bolded in the header</i>) b. Additional focus area(s) (<i>optional</i>) c. Topic(s) (<i>optional</i>) d. Audience e. Source(s) (<i>by default will be set to "APHL"; can be edited with "Member-developed", or "Partner-developed" as additional options</i>) 7. Author information (<i>see below</i>) 8. Article summary (<i>limited to 75 characters, this will not be visible on the page but will be used when the article appears as a resource and search</i>)
Article type	The article type is displayed on the issue detail page; to ensure consistency, this information will be treated as a type of tag, allowing content editors to select from a pre-set list. This list can be maintained by content editors, but if a type is removed entirely that was used on previous issues, the CMS will still display that tag to ensure retroactive accuracy.
Author information	Authors will be recorded as standalone fields, not as complex content linked to a content type. Standard and feature articles will support any number of authors in any order dictated by content editors, but will display this information differently depending upon the quantity: • If one author exists, the full name of the individual or organization will be placed in the header • If multiple authors exist, the list will be placed at the end of the article and a "View all contributors" link will be placed in the header instead; clicking this link will visibly scroll the user down to the list, so the user understands where they are on the page.
Header image	Header images are required and will be placed next to the content on desktop devices and horizontally below the header on tablet and mobile. Cropping on desktop devices will appear more vertical, while on small screens it will be more horizontal; images should feature generous white space around the main subject matter to ensure they are not cropped in either orientation. Do not add any text to images, as it will likely be cropped in one orientation or another. All images should be sized to 1,500px by 1,500px, JPEG format. Due to its size, this image should be compressed for web use to ensure fast load times, targeting ~500kb. Do not crop or add decorative elements to the image, this will be done by the CMS.



Content format	Article content will support both WYSIWYG text, allowing editors to format text using headings, lists, and in-text links, as well as a number of components, including: • Buttons • Pullquotes • Single images with optional caption • Image gallery • Embedded video For requirements on these, see the “Simple Components” page.
Related articles	Up to 3 related Lab Matters articles of any type will be automatically displayed in the right column. The CMS will select these based upon articles with matching tags; they will be listed chronologically, with the newest at the top. As with all side column layouts across the site, this content will be sticky upon page scroll on larger screens. For more information, see the Universal Elements page.
Share mechanism	At the end of each article, the CMS will automatically place buttons that trigger share functionality. Articles can be shared to Bluesky, LinkedIn, and Facebook.
Related resources	Following the share mechanism, the CMS will automatically offer quick access to more content of a similar topic. Each topic and focus area tag used on the article will be displayed here; clicking any one of them will trigger a sitewide search for other items with which a matching tag has been applied.
Universal content	Following the related resources, the CMS will automatically list several blocks of universal content: subscription information and advertising information. To learn more, see the universal content section.
Image gallery	The image gallery component will be available on all article pages, but will not be a standard drag-and-drop block. Instead, if needed it can be toggled on, in which case it will always appear immediately below the page header, above all body copy. It cannot be moved from this location or duplicated.



Articles: Feature



View in Prototype:

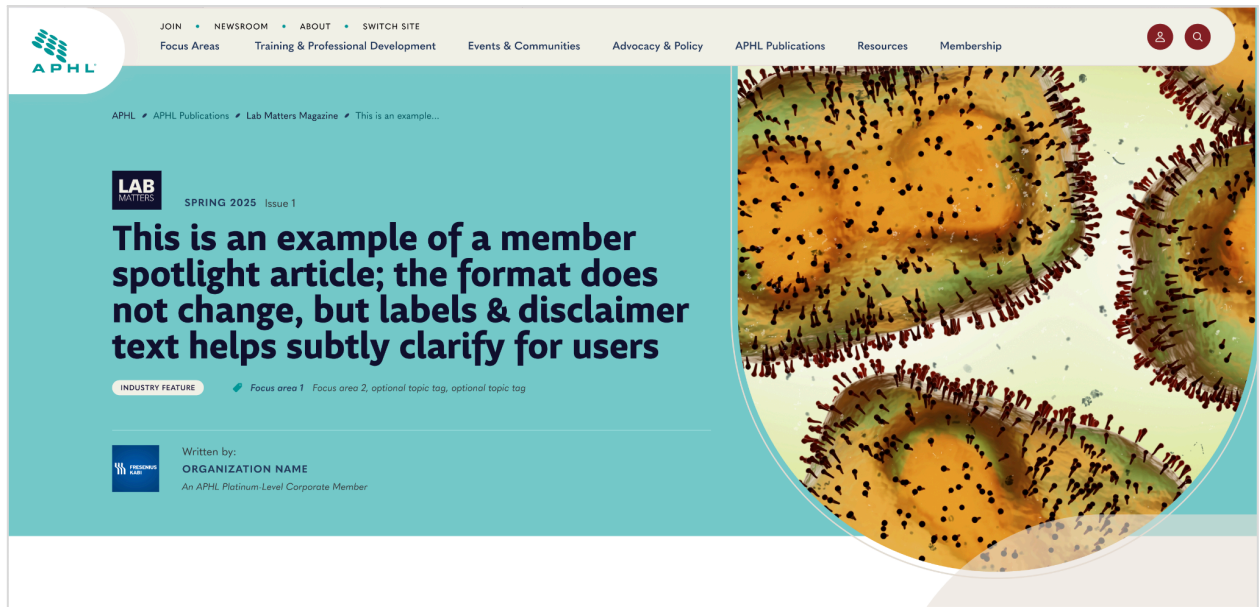
To review this page in greater detail, use the following links: [desktop](#), [tablet](#), [mobile](#)

Feature	Functionality
Feature articles use the same requirements as standard articles and differ in only the following areas:	
Quantity	Whereas an issue can have any number of articles, only one feature article can be present in any single issue.
Feed location	Feature articles will be displayed on each issue page outside of the article feed, in a unique large format below the page header.
Label	To ensure that feature articles are recognizable as such, the feature article header includes a "Feature" label. In addition, if feature articles appear as 1 of 3 related articles, their blocks will receive a "Feature" label above the article information.
Header image	Feature articles must include a header image; this is larger, more dramatically displayed than standard articles, and should measure 2,800px by 1,000px. Due to its size, this image should be compressed for web use to ensure fast load times, targeting ~500kb. Do not crop or



	add decorative elements to the image, this will be done by the CMS.
Advertisement	In addition to the 3 related articles displayed in the right column, there will be a custom, clickable graphic unique to each feature article that will be visible on all devices, regardless of size. Image dimensions: 300px wide by 250px high. Each advertisement must include a destination URL.
Author information	Feature articles will use the same multi-author functionality as standard articles.

Articles: Sponsored (Industry Feature)



View in Prototype:

To review this page in greater detail, use the following links: [desktop](#), [tablet](#), [mobile](#)

Feature	Functionality
<i>Industry Feature articles use the same requirements as standard articles and differ in only the following areas:</i>	
Label	To ensure that industry feature articles are recognizable as such, this article header includes an “Industry Feature” label. In addition, if these articles appear as 1 of 3 related articles, their blocks will receive an “Industry Feature” label above the article information.



Author information	Industry feature articles can only have 1 author that is always displayed in the article header, but presented differently. Each author requires the following fields: 1. Organization name 2. Organization logo (<i>see below</i>) 3. Membership information (i.e., "An APHL Platinum-Level Corporate Member") 4. Member website (<i>optional</i>) 5. Contact email (<i>optional</i>) 6. Phone number (<i>optional</i>) Items 3-5 will be displayed in the right column; they are not mandatory, but encouraged as a perk of membership.
Organization logo	Industry feature articles can display contributor logos in the header. These should be formatted to 150px by 150px, JPEG filetype.
Related articles	An industry feature's related articles will be labeled "More Member Articles"; content editors must manually select up to 3 articles that have also been written by this member. If none exist, this area can be left blank and will only display member contact information (items 3-5 listed above).
Universal content	In addition to the subscription information and advertising information, industry feature articles will also include the corporate content block. To learn more, see the universal content section .

Advertisements

OPTIONAL CLARIFICATION TEXT:
Top Level Heading Text

Every blog post can have as much body copy as needed; this can include [in-text links](#), as well as buttons. Buttons should be used selectively for the highest priority links, as too many buttons can overwhelm the user.

OPTIONAL CALL TO ACTION

To help make body copy easier to read, consider utilizing bulleted lists for sequences of items:

- This helps with scanning and easy of comprehension
- By breaking up lengthy content

For sequential content, numbered lists are useful:

1. They present clear indicators of sequence
2. While presenting content in a bite-sized, easy-to-follow fashion

ADVERTISEMENT

We deliver innovations that nourish. from *hospital* to *home*

RELATED ARTICLES

View in Prototype:

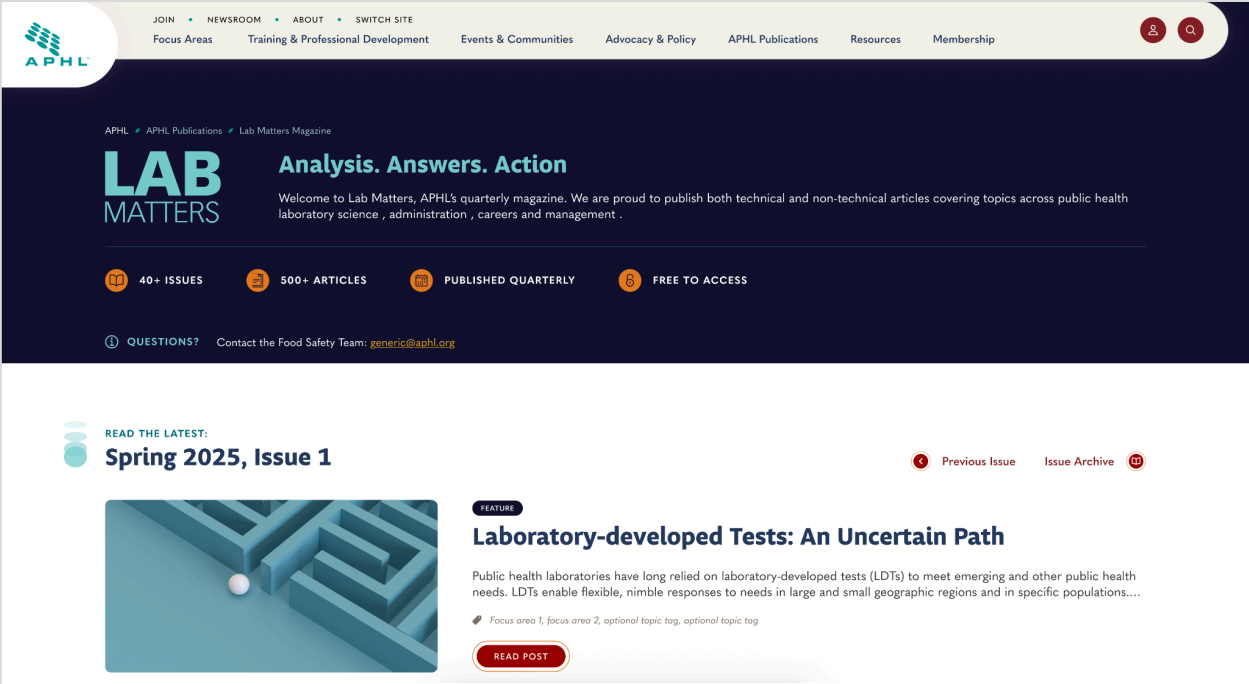
To review this page in greater detail, use the following links: [desktop](#), [tablet](#), [mobile](#)



Feature	Functionality
Program offerings	The Lab Matters magazine will include functionality for a future ad placement program. Advertisers will be able to purchase a block of time for the APHL website to host their ad graphic on standard or feature Lab Matters articles in which advertising functionality has been enabled. Industry Feature articles will never allow ads. Note that this is unique from the APHL blog ads; each must be configured separately.
Ad placement	On articles that allow ads to be shown, ads locations will include: • desktop users will see the ad as part of the right column with a persistent sticky scroll, ensuring it is highly visible • mobile and tablet users will see the ad under the collapsed column at the top of the page. An ad that is running will appear on every single article that has advertising enabled—ads cannot vary from one page to another.
Ad management	While the advertising visibility toggle will be located on each article page, the ad settings as a whole will be managed from one central location in the CMS. By default, all standard and feature articles will be set to on; to remove ads, content editors will manually set it to off.
Ad requirements	To create a new ad block, content editors must upload each advertiser's information: 1. Their ad graphic 2. A URL destination 3. The agreed upon start 4. The agreed upon end date
Ad scheduling	Multiple instances of planned ads can be uploaded at one time, but ad blocks cannot overlap in their planned run time. Only one ad can ever be scheduled on any given day.
Assets	Ad graphics will be sized for high-resolution retina screens; each must measure 600px wide by 500px high, JPEG format. Advertisers are encouraged to view their ads at standard resolution (300px by 250px) to ensure legibility of any messaging.



Homepage



View in Prototype:

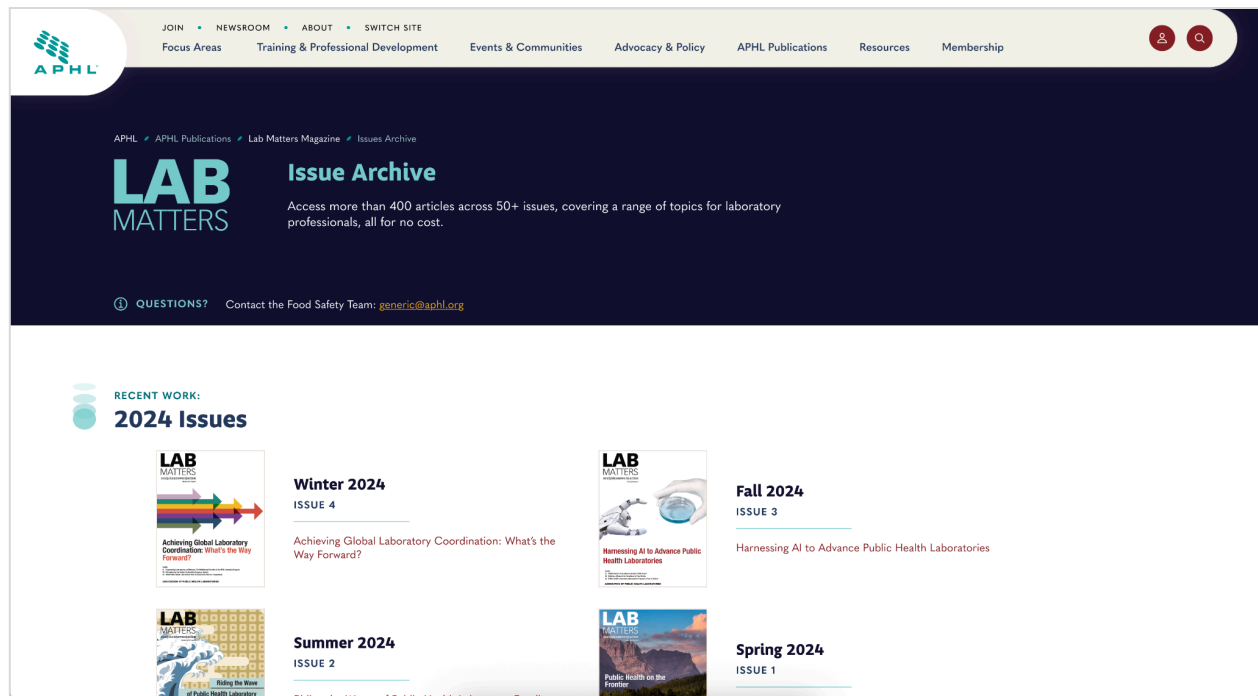
To review this page in greater detail, use the following links: [desktop](#), [tablet](#), [mobile](#)

Feature	Functionality
<i>The majority of the Lab Matters homepage content is dedicated to the latest issue. Its display requirements and functionality are largely identical to those of the standard issue page, with the following differences:</i>	
Custom header	The Lab Matters homepage header serves to highlight the offerings of the journal as a whole. As such, content editors can fill in the following fields: 1. Title (recommended to be the Lab Matters tagline, “Answers. Analysis. Action.”) 2. Number of issues (<i>number only</i>) 3. Number of articles (<i>number only</i>) 4. Publication cadence (<i>limited to 3 words</i>) 5. Access requirements (<i>limited to 3 words</i>)
Issue information	Since the homepage header features custom content, the issue information is presented between the header and feature article.
Issue-to-issue	As the homepage will automatically feature the latest issue, all



navigation	issue-to-issue navigation blocks (located above and below the article feed) will only include the previous issue and issue archive links.
------------	---

Issue Archive



View in Prototype:

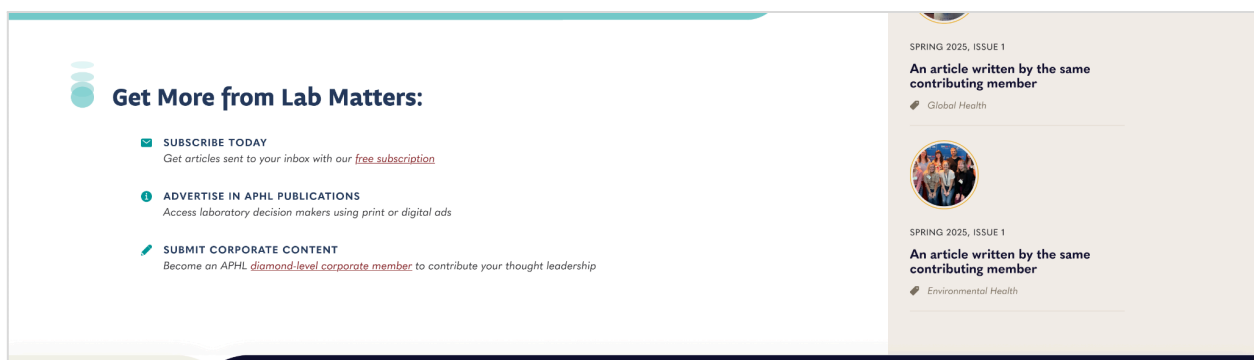
To review this page in greater detail, use the following links: [desktop](#), [tablet](#), [mobile](#)

Feature	Functionality
Automated content	The issue archive page will be built automatically by the CMS using data from each issue using the following rules: 1. Each issue block will display at minimum the season and year, issue number, and issue thumbnail. If known, the feature article will also be linked. 2. The current year will be placed at the top of the page with every issue released visible, organized newest to oldest. 3. Additional years will be placed under the archive heading and organized as accordions, with each issue visible chronologically after expanding the accordion. 4. To view an issue, one of two things will occur: a. If an issue detail page exists, clicking the issue title will lead to this page.



	b. If an issue detail page does not exist and the CMS only contains an issue PDF, clicking the issue title will trigger opening it in a new tab. 5. Subscription and advertising universal content will appear at the end of the page, under all issue accordions.
Manual content	Content editors can update the page title and description text visible in the header to customize the page.

Universal Content



Feature	Functionality
Contact information	Team contact information will be available on every page within Lab Matters; content editors will be able to maintain this contact information from one central location in the CMS, so any updates required occur simultaneously.
Calls to action	Three content pieces will be used across the Lab Matters section of the site; each will require the following fields: - Subscription instructions - Title (5 words maximum) - Description (20 words max, can include in-text links) - Advertisement instructions - Title (5 words maximum) - Description (20 words max, can include in-text links) - Corporate content instructions - Title (5 words maximum) - Description (20 words max, can include in-text links)
Subscription mechanism	The subscription instructions link (#1 above) will lead to a page housing a form with the following fields: - First name - Last name



	3. Email address Once submitted, the data collected will be stored in the CMS for manual export by the APHL team into the newsletter software of their choice.
--	--

Resource Collections & Search

Filter Results

- BY FOCUS AREA
- BY TOPIC
- BY TYPE

Lab Matters

This is a Lab Matters article

<https://www.aphl.org/publications/lab-matters/spring-2025/feature-article-01a.html>

This is a page excerpt; it will show the first body copy available on the page, generally the left hand introductory content in the header. This content will be truncated to approximately 50 words, so all pages should be written or edited with a summary of the key topics at the beginn...

View in Prototype:

To review this page in greater detail, use the following links: [desktop](#), [tablet](#), [mobile](#)

Feature	Functionality
Search layout	To ensure that users understand the context of their sitewide search results, Lab Matters articles will be given a unique label reading “Lab Matters”. This will be followed by the article title, slug, and the article summary text. For more information on sitewide search, see the Universal Elements page.
Resources	Lab Matters will be considered a type of resource and can thus be included in a variety of resource functionality; for more, see the Universal Elements page.