



Disclaimer

The opinions expressed by the presenters are their own and do not necessarily reflect those of their individual employers or of ISMPP



Faculty

- Neil Adams, ISMPP CMPP™, Publishing Manager, Springer Nature
- Grahame Conibear, BSc, Senior VP, Integrated Communications, Adelphi Communications
- Catherine Skobe MPH, MT(ASCP), Director,
 Publications Management, Pfizer
- Moderator: Terry Materese, Executive
 Publisher, Health & Medical Sciences, Elsevier



Session Goals

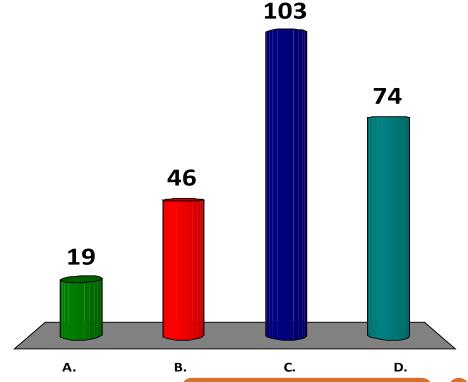
- Gain insights into why there is a need to create digital and enhanced content
- Learn about new trends in content development and be able to describe characteristics of a great digital/enhanced content product
- Be knowledgeable about key considerations as well as the publication process recommended for enhanced content

AUDIENCE QUESTION



How much are you currently utilizing enhanced content in a journal submission or poster presentation?

- A. Often
- B. Some of the time
- C. Rarely
- D. Never

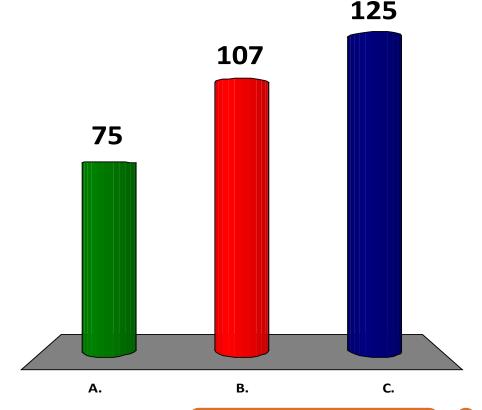


AUDIENCE QUESTION



How familiar are you with augmented reality?

- A. Very familiar
- B. Somewhat familiar
- C. Not at all familiar





ENHANCED CONTENT: THE WHAT, WHY AND HOW?

Grahame Conibear, BSc

Physicians Still Prefer Print for Info

Top Ways Physicians Prefer to Receive Pharma Information

Most Preferred Least Preferred





















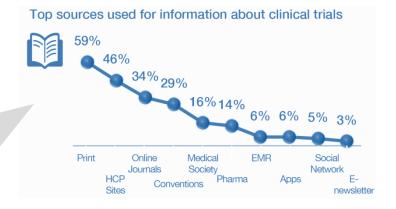






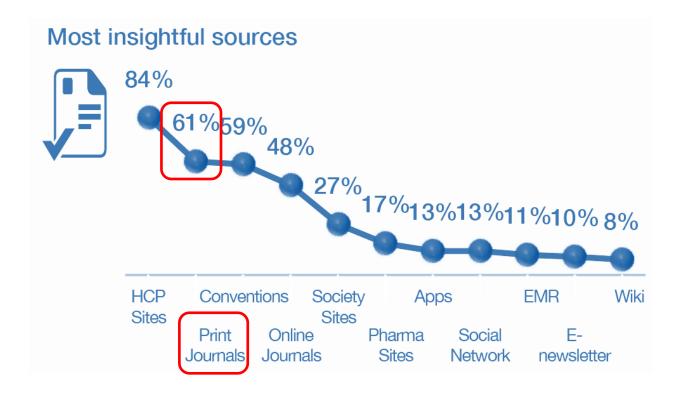


59% used print media for information about clinical trials





Insights re Newly Launched Products



Also a top source used for newly launched products



Multimedia in Medical Journals

Printed & Website

Website Only

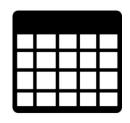


Table & Chart



Audio (i.e. audio interview)



Slide show



Image



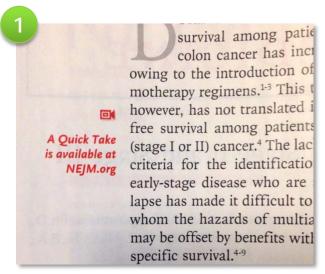
Video (i.e. video roundtable, video interview)



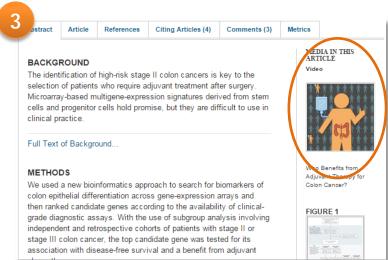
Interactive Media (i.e. map, graphic, timeline, medical case)



How to Access Multimedia







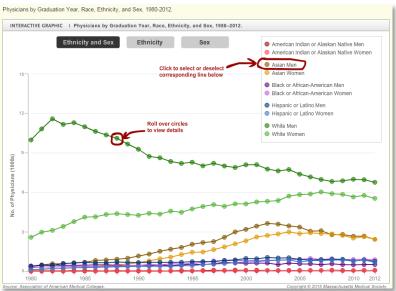
- 1. See a link in printed journal
- 2. Go to the website
 - >> Multimedia Section
 - >> Search for specific journal
- 3. Find a specific multimedia



Slide Show



Interactive Media



Audio



Augmented Reality (AR): Enhanced, Interactive Publication Feature



Augmented reality



AR is a live view of a real-world environment whose elements are augmented by computer-generated input.

AR software uses object recognition through a phone's camera and/or GPS capabilities to gather information about the surrounding area.







PROCESS & BEST PRACTICES

Catherine Skobe MPH, MT(ASCP)



In 2012, when we initiated the <u>Evolution of Publications from Print to New Media Workshop</u> at the ISMPP Annual meeting, **our foremost concern was medical integrity and accuracy**.

- Worked externally with publishers to understand their process
- Worked internally to develop best practices and procedures

Established these guidelines:

- All content must be within the underlying publication. No editorializing, no additional opinions, and no visual material or information outside of that publication
- ✓ No patients or patient identifiable information may be included in the recording or other digital media
- Relevant disclosures should be included
- Sunshine Act Transfer of Value must be assessed for agency support
- Approvals from the Pfizer Publication Owner, Presenting Author and Corresponding Author. Product Attorney is informed

Enhanced Publication Experiences at Pfizer

- Journal podcast
- Audio Slides
- Video abstract
- Audio file for iPoster
- Author video
- Augmented reality poster Blippar app







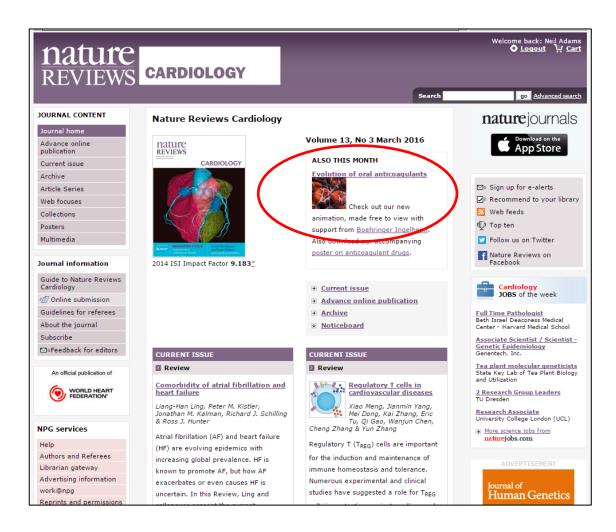


PUBLISHER PERSPECTIVE

Neil Adams, ISMPP CMPP™

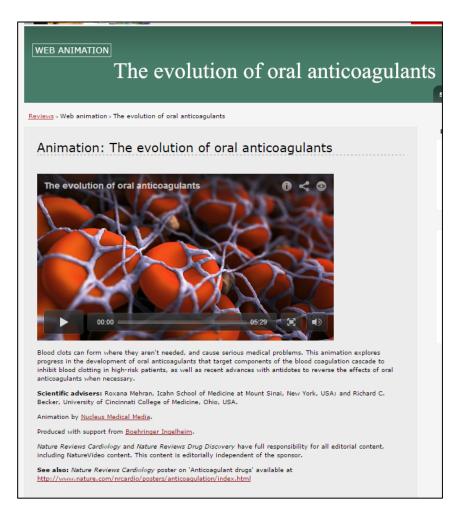


Animation





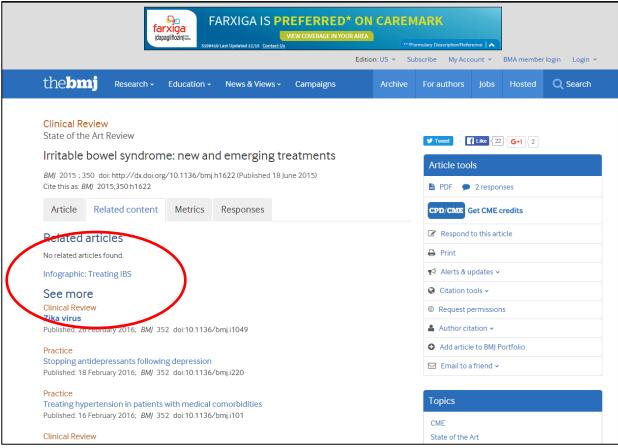
Animation



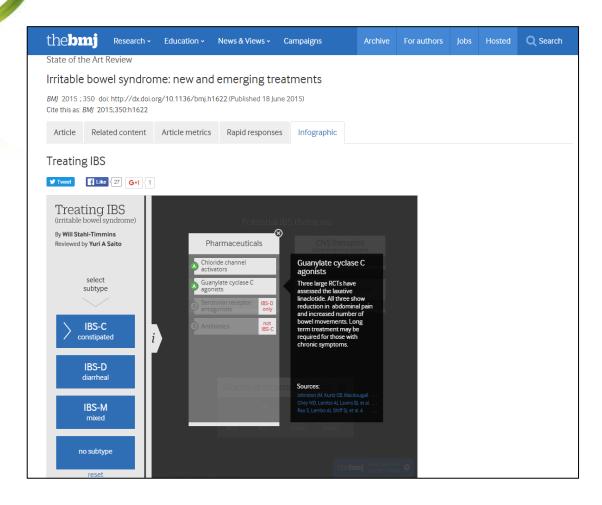
- Produced with support from Boehringer Ingelheim
- Content is editorially independent of the sponsor
- Fully peerreviewed
- NPG holds the copyright to this animation



Interactive infographic

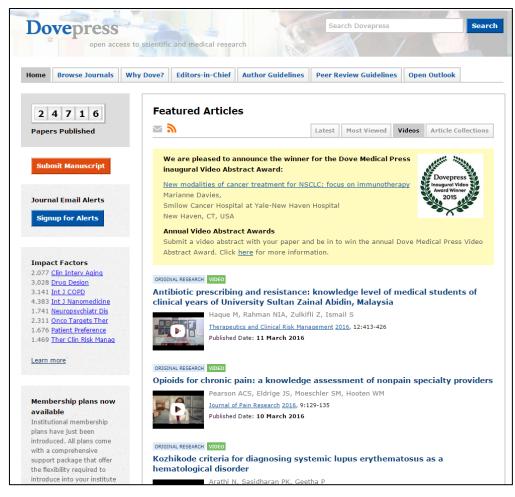


Interactive infographic





Video abstracts







- The journal introduced AR into its pages in 2012 to enhance the reading experience
- Uses the Layar app (part of the Blippar group)
- This paper appeared in a supplement to Neurosurgery



Key takeaways: Publisher's view

PROS

- Can increase the educational value of journal content
- Encourages readership (app-based journals)
- Highlights journal innovation and new technology
- Enhances readership experience

CONS

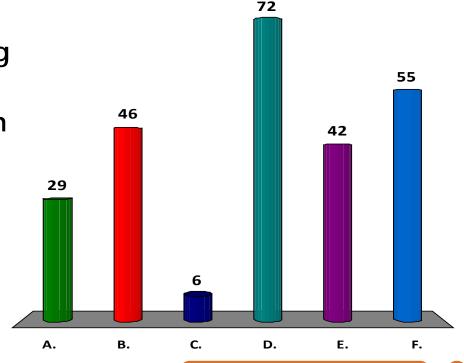
- Authors don't seem to care much about enhanced publications
- Cost to produce not accounted for in journal budget
- Not always appropriate for journal content
- Copyright problems?

AUDIENCE QUESTION



If you have never included enhanced content in a journal submission or poster presentation, what's been the main reason for this?

- A. Author(s) not interested in it
- B. Commercial and/or marketing concerns
- C. Not appropriate for submission or poster
- D. Not a priority (question the value of it)
- E. Not worth the cost/ROI
- F. No budget for it





"A lot of times, people don't know what they want until you show it to them."

Steve Jobs (1998)



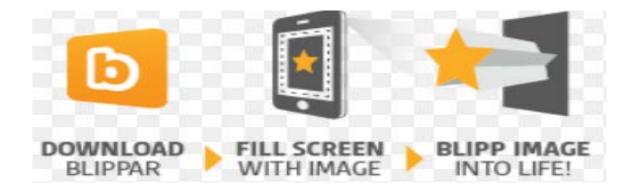
CASE EXAMPLE: PFIZER AUGMENTED REALITY POSTER VIA BLIPPAR

Catherine Skobe MPH, MT(ASCP)



Blippar Access Features

- Scan from paper (handout, letter, etc.), computer monitor, projector screen, Twitter image
- Save the image as a favorite
- Share via Twitter, Facebook, and Email



Metrics of campaign success!

Total number of blipps

Unique users

Average blipps per user

Tap-through rates

Direct responses

Timeline of when users blipped

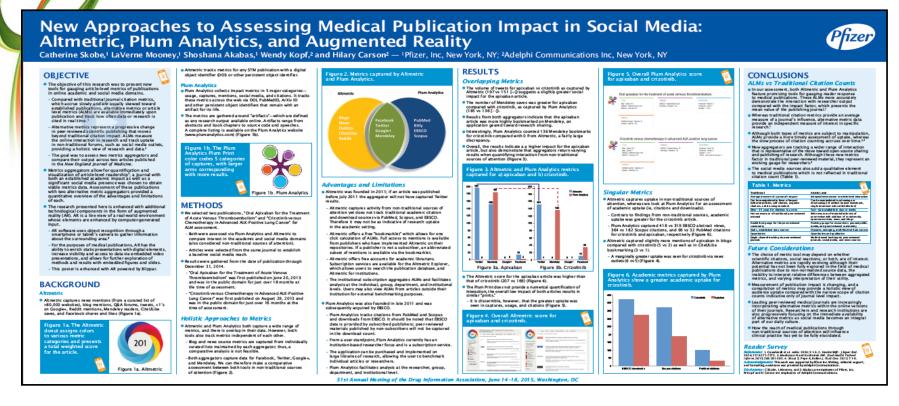
Heat map where users blipped



Pfizer AR Poster 2015

- Presented poster at Drug Information Association Annual Meeting in Washington, DC
- Research objectives were to present the functionality of two new alternative metric tools
 - To gauge the article-level impact of publications
 - To explore the potential advantages and limitations
 - To determine their ability to assess uptake in social media
- Embedded interactive AR content to enhance the article level metrics
 - Video introduction
 - Provide additional data (i.e., Altmetrics and Plum Analytics)
 - Conduct survey
 - Email/Contact

AR Value: Transforming static communication into a dynamic experience





To experience the benefits of AR technology:

- ✓ Download the Blippar App on your smart phone or tablet
- ✓ Scan the full poster image above
- View interactive features (also noted by phone icon)



- Reader/viewer needs smartphone or ipad
- Reader/viewer needs to download app
- Wifi access
- Recommend limiting the number of AR features added to a poster
- Lightning Cable
 - Ability to view AR in presentation mode, but not via WebEx



Augmented Reality FAQs

Do I need a wifi connection for Blippar to work?

Blippar requires a 3G, 4G or WiFi connection

Where is the info housed for the AR elements?

 It is housed on a secure cloud based server. Blippar uses AWS (amazon web services), which is very secure.

How long can an AR initiative be maintained?

 It can be on the Blippar server as long as you want it to be

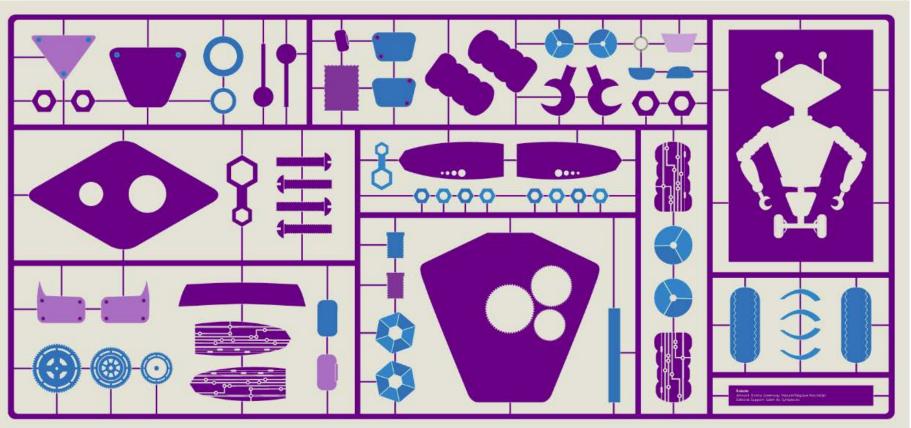
Can I limit user access to a certain audience?

 Yes, Blippar allows for an access code to entered to view the additional content



Nature Publishing Group's (NPG) AR Experience with Blippar

AR poster is located at NPG HQ in London





Key Takeaways

- Identify value added uses for augmented reality that are medically driven and not commercially bent
 - Multi-lingual video abstracts
 - MOA videos
 - Additional tables and figures
 - Drill down into the data
- Ensure transparency through disclosures
- Consider Sunshine Act TOV

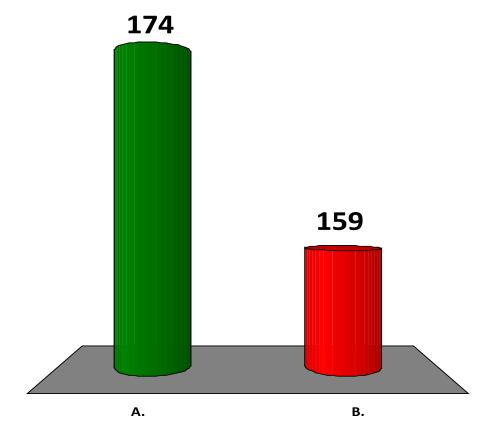


AUDIENCE QUESTION



Have you had any AR experiences or seen it employed in other ways?

- A. Yes
- B. No



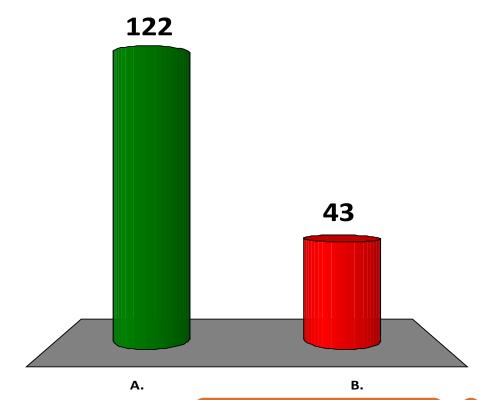


AUDIENCE QUESTION



If YES, did you find it improved the content or learning experience?

- A. Yes
- B. No





AUGMENTED REALITY EXAMPLES

Grahame Conibear, BSc



What is Augmented Reality?

Users can see all this with a smartphone device which almost everyone has one already



AR in Pharmaceutical Area





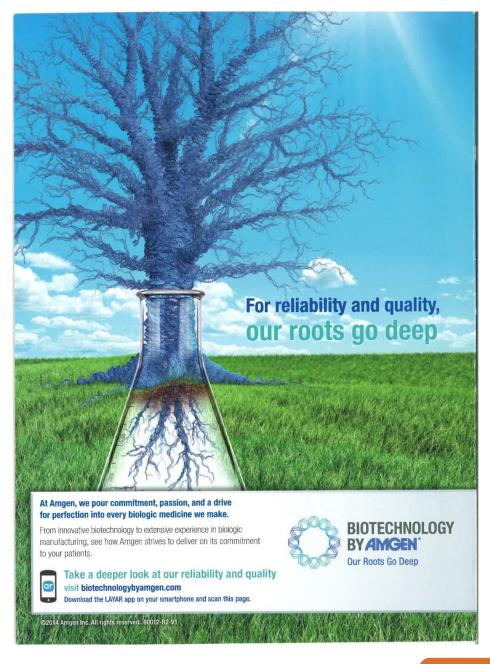


Education / Training

Diagnose / Surgery

Publication / Congress







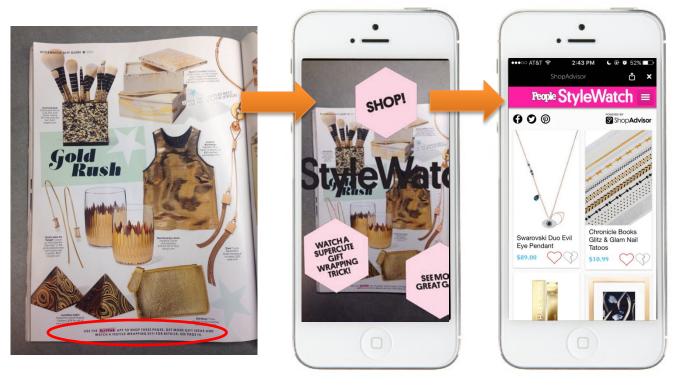
Blippar in People Style Watch



USE THE BLIPPAR APP TO SHOP THESE PAGES, GET MORE GIFT IDEAS AND WATCH A FESTIVE WRAPPING DIY! FOR DETAILS, SEE PAGE 14.



- 2. Scan on a page
- Click on a button
- 4. Start to **shop**

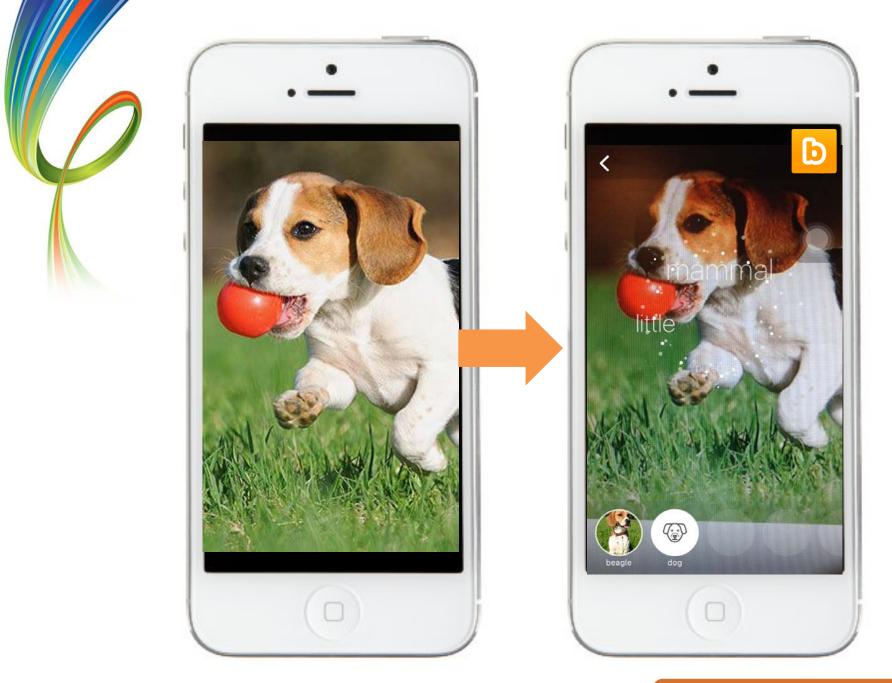




"a visual search engine for the world."





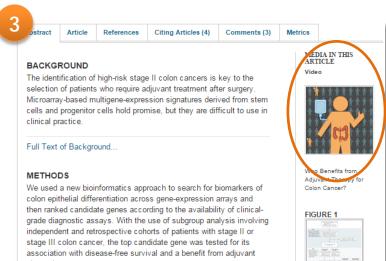




How to Access Multimedia







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Key Takeaways

- Print journals will remain our most effective way of informing HCPs and enhanced media will increasingly be used to improve education and understanding
- New technologies (like AR) can dramatically accelerate the availability and convenience of access to additional information
- Transparency and medical integrity when implementing enhanced publication content is paramount to ensure a line is not crossed into promotional
- It's a question of <u>when</u> we seize these opportunities to better inform our audiences – not if
- Make sure your authors understand the need for the enhanced content and the benefits that will result from it



QUESTIONS?



THANK YOU

