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ATG Interviews Jud Dunham, Senior Product Manager Science and Technology, Elsevier

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ATG Interviews Jud Dunham

Senior Product Manager Science and Technology, Elsevier

by Katina Strauch (Editor, Against the Grain) <kstrauch@comcast.net>

ATG: How has SciVerse ScienceDirect changed over the years?

JD: One of the changes is that SciVerse ScienceDirect has gone from being a place where most researchers started their search, to being a place many researchers come to after starting their search somewhere else. From a product strategy perspective that means we must recognize that we’re one among many in a universe of discovery tools a researcher may use. Taking that into consideration, we are focusing on the article page as the place we can provide the most value to the researcher to help them assess and comprehend the article and to make the article a gateway for further discovery.

ATG: What are the most significant developments you have made over time and why?

JD: In light of the transformation of scholarly communication to the online world, we have made significant changes over the years in SciVerse ScienceDirect. We have made great progress in realizing the potential of multimedia to disseminate scientific research. We realize that our users’ expectations in this area are formed from their experiences in other online products, so we’re looking to those user experiences to indicate which specific elements are useful in researchers’ workflows within the STM world. For example, we recently launched SciVerse ScienceDirect Image Search, a visual discovery way into millions of journal articles and eBooks. Researchers can use Image Search to learn new concepts, prepare manuscripts, or visually convey ideas in presentations and lectures.

We also recently launched Protein Viewer, a new, interactive feature for the Journal of Molecular Biology (JMB) (http://www.sciencedirect.com/science/journal/00222836) allowing readers to expand and rotate molecules within the article. In addition, we are crafting domain-specific tools to help visualize and convey scientific research in ways that would never have been possible in print.

These tools are some of the most exciting developments within Elsevier and the STM information industry. Integrating these tools into the online reading and discovery experience in a compelling way is one of the central challenges for publishers today. Our response to this challenge in the last two years is the opening of SciVerse ScienceDirect to external applications such as PANGEA and NextBio to improve the search and discovery of information.

ATG: Have you seen any significant changes in how researchers are using SciVerse ScienceDirect?

JD: In fact, researchers haven’t changed the way they access content in SciVerse ScienceDirect — the vast majority of researchers prefer to download and print the PDF. This is not only true of SciVerse ScienceDirect, it is happening across the industry.

However, as publishers we are concentrating on our expertise in layout, readability, and interactive design to create an online presentation that is functionally superior to the print version — and just as easy to read and use. If we are able to provide this user experience, I don’t think it’s hyperbole to say that it could change the entire way our users interact with the content we publish.

ATG: How do you see SciVerse ScienceDirect changing in the future and why?

JD: ScienceDirect is now part of a suite of complementary search and discovery products called SciVerse. One of the roles of SciVerse ScienceDirect within that suite is to be the best place to find and get insights from Elsevier full-text content. As such, our focus is going to be on the article page; innovating the presentation of the article content itself, as well as supporting onward discovery through the citation trail, search suggestions, and related articles. Merging new developments like applications for data visualization and semantic markup into an optimized online discovery format will be a major focus for us. (See more information on SciVerse Applications and Developer Network beta below.)

In addition, we are planning to enhance the experience of using books on SciVerse ScienceDirect to differentiate their use from the journal content experience. We have a lot of great book content which will be transformed into fantastic discovery tools in their own right.

ATG: Can you explain the relationship between SciVerse ScienceDirect and SciVerse Scopus?

JD: With an index of more than 40 million abstracts as well as the citations, references, and author data which connect them all, SciVerse Scopus is our broadest collection of peer-reviewed content within SciVerse. We know that researchers need relevant information regardless of whether it’s published by Elsevier. With the launch of the SciVerse platform one of our goals was to increase interoperability between these two products. One of the interoperability elements that we brought is we provide additional author information on SciVerse ScienceDirect using SciVerse Scopus data.

SciVerse ScienceDirect article authors are linked to lists of every document they have published in SciVerse Scopus, connecting references and surfacing data such as citation and document counts.

ATG: As I understand, you are rolling out a new platform which will allow searching across all of your databases — is this true? What happens if a library does not subscribe to one of the many databases that you offer? Will the library or end user be able to purchase each item individually?

JD: Yes, this is true. We launched SciVerse Hub as beta in August 2010. A search through SciVerse Hub covers SciVerse ScienceDirect and SciVerse Scopus in addition to targeted Web content from Scirus. We are offering access to SciVerse Hub beta to SciVerse ScienceDirect and SciVerse Scopus customers at no additional cost. If a library does not have a SciVerse Scopus subscription, they won’t get SciVerse Scopus content in their search results, but the library can purchase this separately.

With the new SciVerse platform we also launched an Applications Marketplace and Developer Network. The marketplace currently contains seventeen applications, many developed by academic and commercial

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In *American Shamans: Journeys with Traditional Healers*, Jack Montgomery relates detailed personal accounts of working with shamans and magical healers in the United States. The research leading up to this book began with Montgomery’s undergraduate work in religious studies at the University of South Carolina in the mid-1970s. Many of his chronicles focus on healers in midland and Lowcountry South Carolina, near his hometown of Columbia and his alma mater. These detail encounters with root doctors or Hoodoo practitioners of African American traditions. His fieldwork also illuminates similar traditions of Powwow men or hexenmeisters coming out of German immigrant traditions in South Carolina and Pennsylvania.

Montgomery offers his firsthand ethnographic research, giving insight into classic ethnographic methodologies including journal writing, tape recording interviews for later transcription and analysis, and the tenuous process of building relationships with potential informants whose names may require disguising for their privacy and protection. The author himself works as a shaman and spiritual healer, and is often more a participant than observer in the tales. He spends some time remarking on the need for holistic approaches to societal as well individual strife. He asks the reader to keep an open mind with regard to his subject matter, calling for openness to the often different, even opposing, worldviews of science and the various faith healing traditions.

Researches histories of traditions in South Carolina and Pennsylvania, given further context by Montgomery’s commentary, provide a cultural background for the author’s recounted fieldwork and numerous short anecdotes about noted healers. The reader will be entranced by such remarkable and charismatic figures as Doctor Buzzard, high sheriff James E. McTeer, Granny Slice, and Conrad Matthai. Perhaps the most exceptional and rewarding passages of his research are transcriptions of interviews with South Carolina Powwow man and retired professor Lee Raus Gandee. Montgomery’s own spiritual teacher, and a Virginia granny-woman whom we know by the pseudonym Sarah Ramsey.

American Shamans will be appealing to readers with interests in the magical and religious healing practices, as well those focused on anthropological fieldwork or local histories of areas covered. The book may be of particular interest to those researching American folk practices, especially the traditions explored by Montgomery: African American root doctors in the South and Powwow healers in areas of German settlement throughout the Eastern states.  *American Shamans*, with its fascinating narratives, is a relatively quick read at 261 pages. The book includes an introduction by the author as well as an appendix of German Powwow terms.  *American Shamans* is published by Busca, Inc.

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**Interview — Jud Dunham**  
*from page 52*

partners. These applications aim to improve researcher workflow and enrich content available to our users.

We are also exploring bringing other publishers’ content into SciVerse Hub in the future. Right now, our focus is on improving Hub and growing the Applications Marketplace and Developer Network ecosystem, to provide our current SciVerse ScienceDirect and SciVerse Scopus customers with some of the most comprehensive and innovative online discovery tools available today. 📖

**Rumors**  
*from page 51*

But, not to worry, Sandy Thatcher, now retired from Penn State UP and so the university press column, will still be contributing a column from time to time. In fact there will be a Sandy column in the February issue of ATG! Stay tuned!

Let’s see. A couple of people have retired! The highly competent Richard Gedye has retired from Oxford University Press and sends his new email address <gedye@stm-assoc.org> and his snail mail address is: 26 Nuns Road; Winchester, SO23 7EF; UK. I remember way back when going digging at an archaeologi- cal site in Winchester. It is a delightful town with a fantastic fish and chips take-out place. Richard is not really retiring! From 1 January 2011, STM has announced that Richard will assume responsibility for STM’s Outreach Programmes, Research4Life and patientINFO access initiatives, the ARDI patent project and STM’s activities with library organizations. The hard-working Maurice Long had developed many of these programs and will be retiring from STM at the end of 2010. The firecracker Michael Mabe is the CEO of STM.

The energetic Doug LaFrenier told me at the Conference that he is retiring! But he has an idea for the 2011 Charleston Conference (NOVEMBER 2-5 MARK YOUR continued on page 56