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Increasing our impact: Grand Valley's case for open access

Lee Van Orsdel Dean of University Libraries Grand Valley State University

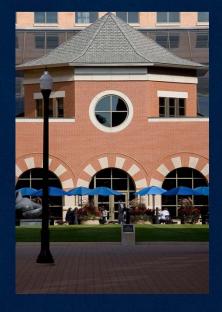
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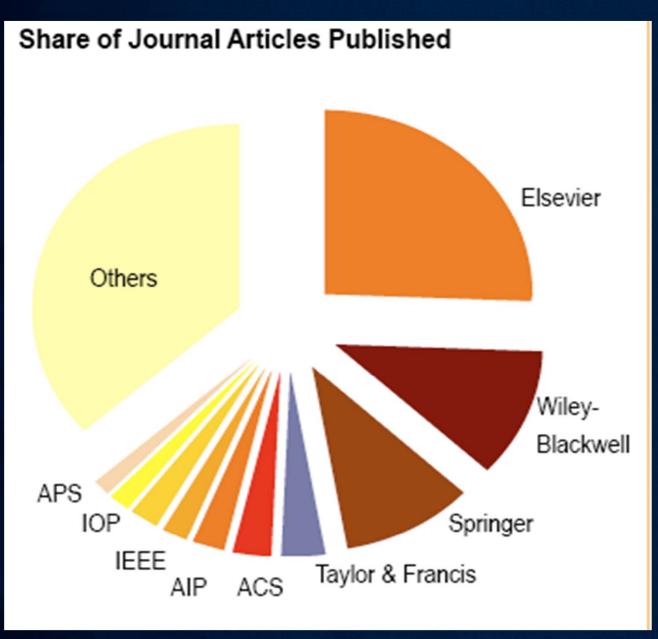
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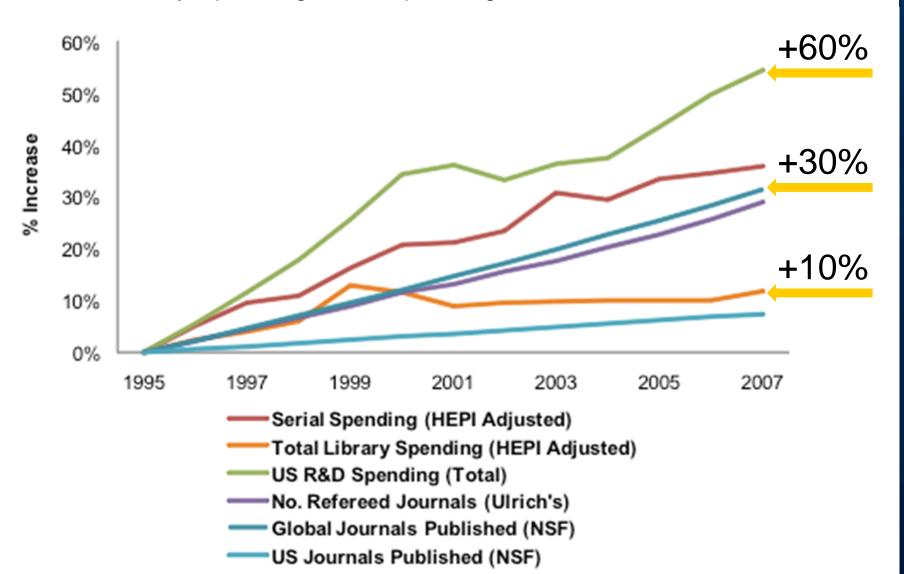
sharing, text and data mining

Effect of market consolidation



From a presentation for the Publishers Association, STM, and ALPSP: http://stmassoc.org2010_04_16_STM_Journal_Publishing_in_2010.pdf

U.S. Library Spending, R&D Spending, and Journals 1995-2007



From correlation Open Access Primer (Public Version), December 2009

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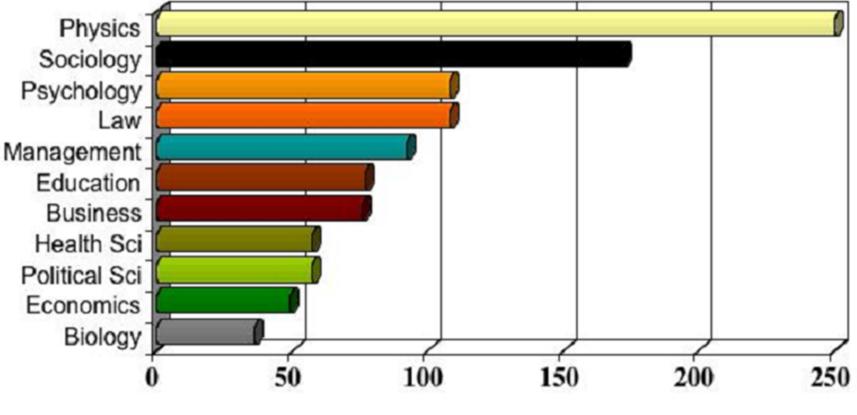
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speeds invention/discovery greater return on investment serves mission of universities

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From a 12-year sample of 14 million articles from ISI databases Data: Brody & Harnad 2004; Hajjem et al. 2005

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disaggregation of traditional publishing rise of mega-journals push for access to taxpayer-funded research

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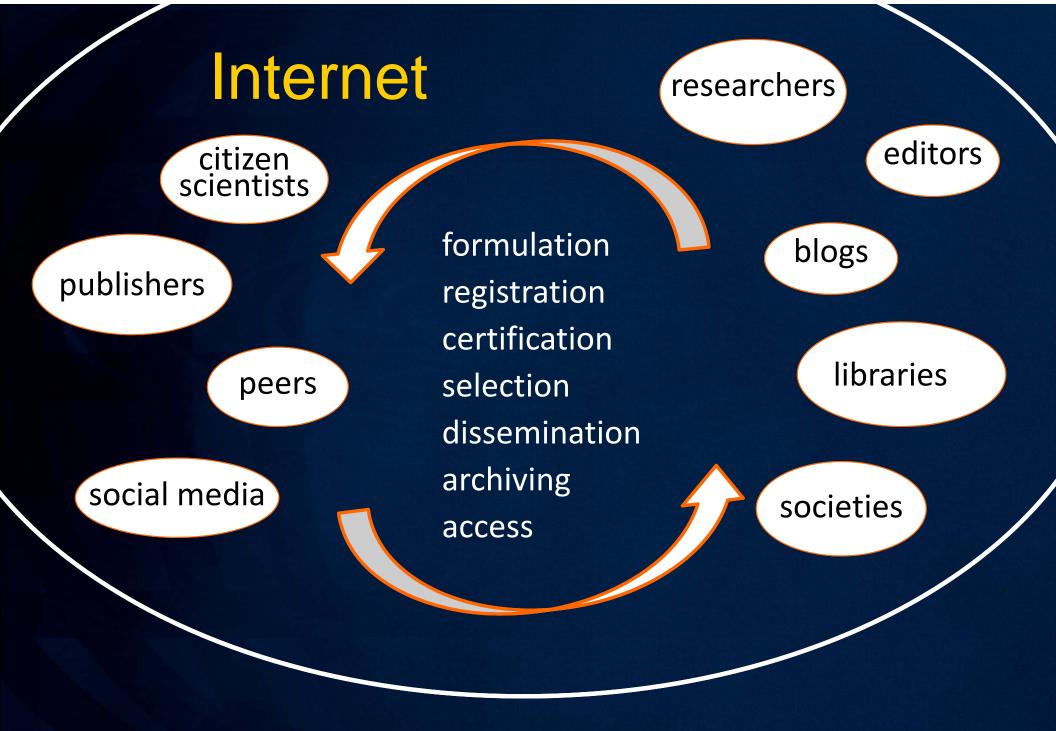
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Push for access to taxpayer funded research

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Current Issue: Volume 27, Issue 1 (2011) Past, Present, Future: Where Have We Been and Where Are We Going?

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The Language Arts Journal of Michigan

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My research interests are broadly in the areas of conservation biology and biodiversity informatics and include the following lines of inquiry:

* the study of deforestation, forest fragmentation, and land-use change for biodiversity conservation and conservation priority-setting, and

* applications of spatial databases and analytic tools together with biodiversity databases and informatics to explore theoretical considerations in ecology and conservation biology (niche vs. neutral theory), aid the discovery of endangered or rare species, model the spread of invasive species, and predict the effects of climate change on species' distributions.

A. Climate Change and Sea-level Change

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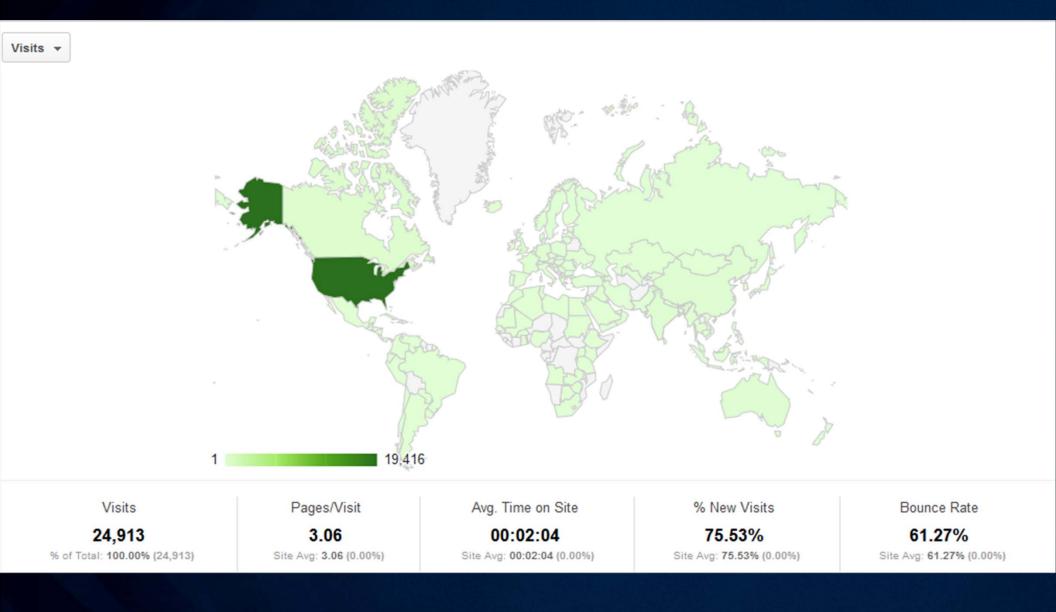


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At Grand Valley State University, research, scholarship, and creative activity are essential components of the university's mission as an institution of higher learning. Excellence in teaching at the university level depends upon active scholarship by faculty members. Through basic and applied research, artistic expression and performance, and other forms of scholarship, GVSU faculty members contribute to the development and application of knowledge, create a dynamic environment for learning, and contribute to the economic progress of the region that it serves.

The mission of the Center for Scholarly and Creative Excellence is to encourage, facilitate, and support the Grand Valley community in its scholarly pursuits.

The Center coordinates the efforts of the following units within the University:

The <u>Office of Sponsored Programs</u> serves as the University's central office that supports faculty and staff in the identification, development, submission, and administration of externally sponsored agreements for scholarly research and creative activity.

The Research Protections Program oversees compliance awareness and accountability within the research culture of the university through assistance, education, and communication. The office is responsible for activities involving human subjects, animal welfare, biohazards, and chemical safety.

The <u>Office of Undergraduate Research and Scholarship</u> offers a variety of opportunities for undergraduates to pursue research and scholarship in various disciplines under the direction of a faculty mentor.

Spotlight

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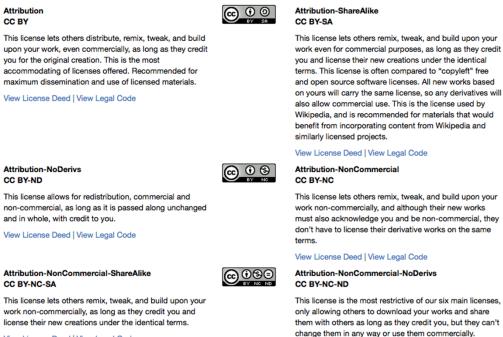
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Berlin Declaration on Open Access to Knowledge in the Sciences an Humanities

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Preface

The Internet has fundamentally changed the practical and economic realities of distribul scientific knowledge and cultural heritage. For the first time ever, the Internet now offer chance to constitute a global and interactive representation of human knowledge, incluc cultural heritage and the guarantee of worldwide access.

We, the undersigned, feel obliged to address the challenges of the Internet as an emerg functional medium for distributing knowledge. Obviously, these developments will be ab significantly modify the nature of scientific publishing as well as the existing system of c assurance.

In accordance with the spirit of the Declaration of the Budapest Open Access Initiative, Charter and the Bethesda Statement on Open Access Publishing, we have drafted the B Declaration to promote the Internet as a functional instrument for a global scientific knc base and human reflection and to specify measures which research policy makers, resei institutions, funding agencies, libraries, archives and museums need to consider.

Goals

Our mission of disseminating knowledge is only half complete if the information is not rr and readily available to society. New possibilities of knowledge dissemination not only th classical form but also and increasingly through the open access paradigm via the Inten be supported. We define open access as a comprehensive source of human knowledge i heritage that has been approved by the scientific community.

In order to realize the vision of a global and accessible representation of knowledge, the Web has to be sustainable, interactive, and transparent. Content and software tools mu openly accessible and compatible.

Definition of an Open Access Contribution

Establishing open access as a worthwhile procedure ideally requires the active commitrr each and every individual producer of scientific knowledge and holder of cultural heritag access contributions include original scientific research results, raw data and metadata, materials, digital representations of pictorial and graphical materials and scholarly multi material.

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