

**House Committee on Science and Technology**  
**Scholarly Publishing Roundtable**  
**Member Biographies**

**David Campbell**, Provost, Boston University

Campbell is University Provost and Professor of Electrical Engineering and Physics at Boston University, which he joined in 2000 as Dean of Engineering after serving for eight years as Professor and Head of the Department of Physics at the University of Illinois, Urbana-Champaign (UIUC). Prior to his position at Illinois, Campbell was a co-founder and later Director of the Center for Nonlinear Studies (CNLS) at Los Alamos National Laboratory, which he had joined in 1974 as the first J. Robert Oppenheimer Fellow. A theoretical physicist/applied mathematician by training, Campbell received his B.A. in Chemistry and Physics summa cum laude from Harvard University in 1966 and his Ph.D. from Cambridge University in Theoretical Physics and Applied Mathematics in 1970. After completing his doctoral dissertation, he held post-doctoral positions at the UIUC (1970-72) and at the Institute for Advanced Study in Princeton (1972-74). Campbell has been a pioneer and international leader in the field of "nonlinear science," the study of intrinsically nonlinear phenomena in the natural world. He has published more than 200 articles in refereed journals and edited ten books. For his research contributions, he has been elected a fellow of the American Physical Society and of the American Academy for the Advancement of Science and has been named to distinguished lectureships or visiting professorships in France, Germany, Russia, Hong Kong, China, and Japan. He is the founding Editor-in-Chief of the American Institute of Physics' journal "Chaos: An Interdisciplinary Journal of Nonlinear Science" and has served for twenty years as an editorial of the Elsevier journal "Physics Reports."

**Y.S. Chi**, Vice Chairman and Managing Director of Global Academic and Customer Relations, Elsevier

Chi also serves as Managing Director of Global Academic and Customer Relations. Y.S.'s central role is to guide the company's relationship-building efforts within the scientific and health communities. To this end, Y.S. is charged with strengthening ties with external stakeholders including editors, authors, academics, libraries, governments and funding bodies. Y.S. has an abiding involvement with university and academic endeavors and has held senior positions in the book trade for the last decade, most recently serving as Chairman of Random House. He not only serves as a Princeton University Trustee, but also as a Board member of Princeton University Press, Korean American Community Foundation and the Montgomery Bell Academy.

**Paul Courant**, University Librarian and Dean of Libraries, University of Michigan

Paul N. Courant is University Librarian and Dean of Libraries, Harold T. Shapiro Collegiate Professor of Public Policy, Arthur F. Thurnau Professor, Professor of Economics and Professor of Information at the University of Michigan. From 2002-2005 he served as Provost and Executive Vice-President for Academic Affairs, the chief academic officer and the chief budget officer of the University. He has also served as the Associate Provost for Academic and Budgetary Affairs, Chair of the Department of Economics and Director of the Institute of Public Policy Studies (which is now the Gerald R. Ford School of Public Policy). In 1979 and 1980 he was a Senior Staff Economist at the Council of Economic Advisers.

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Courant has authored half a dozen books, and over seventy papers covering a broad range of topics in economics and public policy, including tax policy, state and local economic development, gender differences in pay, housing, radon and public health, relationships between economic growth and environmental policy, and university budgeting systems. More recently, his academic work has considered the economics of universities, the economics of libraries and archives, and the effects of new information technologies and other disruptions on scholarship, scholarly publication, and academic libraries.

Paul Courant holds a BA in History from Swarthmore College (1968); an MA in Economics from Princeton University (1973); and a PhD in Economics from Princeton University (1974).

### **Fred Dylla**, Executive Director and CEO, American Institute of Physics

Dylla is the Executive Director and CEO of the American Institute of Physics (AIP), a not-for-profit umbrella organization for 10 scientific societies that publishes scientific journals and provides information-based products and services. Prior, Dylla was with the U.S. Department of Energy's Thomas Jefferson National Accelerator Facility (Jefferson Lab) in Newport News, Virginia for 17 years while he concurrently held an Adjunct Professorship in Physics and Applied Science at the College of William and Mary. The author of over 190 publications, Dylla received his B.S., M.S. and Ph.D. in physics from the Massachusetts Institute of Technology. He is a Past President of the AVS where he was elected a Fellow in 1998 and is currently a distinguished lecturer for AVS. Dylla is also a Fellow of the American Physical Society and a founding member of its largest unit—Forum of Industrial and Applied Physics. He has served on many national advisory committees for the U.S. Department of Energy, Department of Defense, and the National Science Foundation. Dylla has been active in promoting the importance of scientific journals for the scientific enterprise, advocating improved access to scientific information through various business models. In 2008, Dylla was elected to the Board of Directors of the International Association of Scientific, Technical and Medical publishers (STM), and to the Executive Committee of the Professional and Scholarly Publication (PSP) of the American Association of Publishers (AAP).

### **Philip Davis**, Ph.D. student in scientific publishing and former librarian, Cornell University

Philip Davis is a doctoral student in the Department of Communication at Cornell University specializing in scientific publishing. His work has focused on the dissemination of scientific information, rewards and incentives in academic publishing, and economic issues related to libraries, authors, and publishers. His current research on readership and citation performance of Open Access articles has been awarded an Andrew W. Mellon Foundation grant. In 2007 he was awarded the Thomson ISI/ASIS&T Citation Analysis Research Award for his bibliometric work. Before returning to graduate school, Phil served as a life sciences librarian at Cornell University (1995-2006). Six of those years were involved with selecting, negotiating, and licensing scientific journals and other information resources. He received his Bachelors of Science in biology from the University of Guelph, Canada, and his Masters of Library Science from the University of Western Ontario, Canada.

A list of his publications and presentations can be found at:  
<https://confluence.cornell.edu/display/~pmd8/resume>

### **Donald W. King**, Distinguished Research Professor, University of North Carolina School of Information and Library Science

Professor King, a statistician, has been engaged in describing scholarly communication for over 40 years. In particular, over the past 25 years he and colleagues have performed 42 readership surveys, over 100 library cost studies, 3 publishing cost studies, and several library consortia studies. He has authored or co authored

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hundreds of formal publications including two recent books with Carol Tenopir. In recognition of his contribution to the field, he was named Pioneer of Science Information by the Chemical Heritage Foundation; Research Award and Award of Merit, American Society for Information Science and Technology; Fellow, American Statistical Association; among many other awards.

### **Richard McCarty**, Provost, Vanderbilt University

Richard McCarty earned both his B.S. and his M.S. degrees from Old Dominion University and received his Ph.D. in pathobiology from The Johns Hopkins University School of Hygiene and Public Health.

He began his career in 1976 at the National Institute of Mental Health as a research associate in pharmacology and a Lt. Commander in the U.S. Public Health Service. From 1978 to 1984 he was assistant professor of psychology at the University of Virginia, where he rose through the academic ranks. He became associate professor of psychology, professor of psychology, and he served as chair of the department from 1990 to 1998. In addition to his positions at the University of Virginia, he was senior fellow in the section on biochemical pharmacology at the National Heart, Lung, and Blood Institute from 1984-1985 and was a visiting scientist at the National Institute of Neurological Disorders and Stroke from 1994-1995. From 1998-2001, he was executive director for science at the American Psychological Association in Washington, D.C. He came to Vanderbilt University in July 2001 as professor of psychology and dean of the College of Arts and Science. He was named provost and vice chancellor for academic affairs by Chancellor Zeppos in July 2008.

For much of his career, McCarty has had two primary research interests--physiological and behavioral adaptations to stress and factors contributing to the development of hypertension. He has published more than 150 articles and 30 chapters in edited volumes. In addition, he has edited 8 volumes relating to his research interests. He serves as a faculty VUceptor for Vanderbilt Visions.

Provost McCarty is a fellow of several scientific societies, including the American Psychological Association, the American Psychological Society, the Council for High Blood Pressure Research of the American Heart Association, the Society of Behavioral Medicine, and the American Association for the Advancement of Science.

### **James O'Donnell**, Provost, Georgetown University

James J. O'Donnell is Professor of Classics and Provost (since 2002) at Georgetown University. He has published widely on the history and culture of the late antique Mediterranean world and is a recognized innovator in the application of networked information technology in higher education.

A distinguished scholar, he has served as President of the American Philological Association, the primary learned society for classicists in the United States and Canada, and has been elected a Fellow of the Medieval Academy of America in recognition of lifetime achievement. He now serves as Vice President for Publications of the APA, in which role he is leading a review of the publishing strategies of that organization. He has served on the Board of Trustees of the National Humanities Center and now is member and Secretary of the Board of Trustees of the American Council of Learned Societies. His scholarly work focuses mainly the transformation of late antique Mediterranean society on the threshold of the middle ages, and he is know for a three-volume study of Augustine's \*Confessions\*, among many other works. His most recent books include Augustine: A New Biography and The Ruin of the Roman Empire (both published by HarperCollins). But he has also done significant work on the history of media and communication, as witness his 1998 book, Avatars of the Word: from Papyrus to Cyberspace (Harvard Press). He served for six years as Vice Provost for Information Systems and Computing (effectively Chief Information Officer) at the University of Pennsylvania, and has written and lectured extensively on the application of networked

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information technologies to research, teaching, and publication in the modern academy. In 1990, he founded and is still co-editor-in-chief of *Bryn Mawr Classical Review*, the first completely open access networked electronic journal in any humanistic discipline. In 1999-2000, he was selected to chair a blue-ribbon task force of the National Academies to advise the Library of Congress and was the lead author/editor of the resulting book-length study, *LC21: A Digital Strategy for the Library of Congress* (National Academies Press, 2000).

**Ann Okerson**, Associate University Librarian, Yale University

Since 1996, Okerson has served as Associate University Librarian at Yale University, following 15 years of academic library and library management experience, several years in the commercial sector, and service as a senior program officer, founding the Scholarly Communications Program at the Association of Research Libraries in Washington, DC. At Yale, in 1996, she organized the Northeast Research libraries consortium (NERL), a group of 27 large research libraries (and about 55 smaller regional libraries) that negotiates licenses for large collections of electronic information packages and databases and engages in other forms of cooperative activity. Okerson also serves as one of the active, founding spirits of the International Coalition of Library Consortia (ICOLC), a group active in discussions with publishers as well as cross-consortial, global cooperation. She has served as an advisor to the Soros eIFL project, now doing occasional eIFL training of librarians in developing countries, in areas related to library collaborations and publisher negotiations. Okerson's professional activities include numerous projects, publications, advisory boards (including for profit and not-for-profit publishers), and speaking engagements around the world, as well as professional awards. In 1997, with funding from the Council on Library and Information Resources, she and the Yale Library staff mounted an online educational resource about library licensing of electronic content in a project called LIBLICENSE. Its extensive annotations and links are complemented by "Liblicense-l," an international, moderated online discussion list frequented by over 3,300 librarians, publishers and attorneys. In 1998, she secured an additional grant to create for-free Liblicense software, which enables users to generate customized e-resources licenses using standard language options. In April 2001, the Digital Library Federation endorsed the project's work on a Model Electronic License for academic research libraries. The work has undergone several revisions since its start. Her other recent activities include being a Principal Investigator on several cutting-edge grants, most recently a U.S. Department of Education Title VI grant for building components of a Middle East Virtual Library and a foundation grant for improving liberal arts teaching through use of library special collections.

**Mark Patterson**, Director of Publishing, Public Library of Science (PLoS)

Having graduated from the University of Cambridge in 1982, Mark Patterson obtained his Ph.D. from the University of Manchester in the laboratory of John Rosamond, where he worked on yeast cell cycle genetics. Mark then moved into human genetics and carried out post-doctoral research in the laboratories of Kay Davies (Oxford University) and Gilbert Chu (Stanford University, USA). In 1994, after four years as a lecturer at the University of Cambridge, Mark made the move into scientific publishing as the editor of *Trends in Genetics*. In 1999, he was appointed as the biology reviews editor at *Nature* and was subsequently involved in the launch of the *Nature Reviews Journals* as the editor of *Nature Reviews Genetics*. Mark joined the Public Library of Science in 2003. He established the European PLoS office, helped launch *PLoS Biology* and several other PLoS Journals, and was appointed as the Director of Publishing in 2005.

**Scott Plutchak**, Director of the Lister Hill Library of Health Sciences, University of Alabama, Birmingham

Scott Plutchak has been Associate Professor and Director of the Lister Hill Library of the Health Sciences at the University of Alabama at Birmingham (UAB) since 1995. He has served as Editor of the Journal of the Medical Library Association since 1999. Prior to coming to Birmingham he was Director of the Health

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Sciences Library at St. Louis University is St. Louis Missouri, following several years at the National Library of Medicine as a Library Associate and then Technical Information Specialist. He has made numerous presentations and written extensively in a number of areas, most frequently regarding scholarly publishing and intellectual property issues.

### **Crispin Taylor**, Executive Director, American Society of Plant Biologists

Taylor was born in the UK, and immigrated to the US in 1985 after receiving a bachelor's degree in microbiology from the University of Surrey. He obtained a PhD in genetics at the Michigan State University Department of Energy Plant Research Laboratory ("the PRL; <http://www.prl.msu.edu/>"), graduating in 1993. After a short postdoc at the University of North Carolina – Chapel Hill, Taylor jumped from gels to journals, taking over as news and reviews editor at *The Plant Cell* (<http://www.plantcell.org>), which is published by ASPB. After four years at ASPB, during which he was promoted to run the peer review and production processes for *The Plant Cell*, Taylor moved to Science's Next Wave, AAAS's potent online resource for early career scientists. At Next Wave (now a part of the Science Careers website; <http://www.sciencecareers.org>), Taylor participated in the site's geographic and topical growth, overseeing new components of the site dedicated to European and Asian scientists, and to US postdocs. Taylor also collaborated with AAAS's Education and Human Resources unit to develop the Minority Scientists' Network (<http://www.miscinet.org>), and he has stayed active in efforts to increase minority representation in the sciences ever since. He also has remained engaged in efforts to better prepare graduate students and postdocs for their future careers and has been a member of the Advisory Board for the National Postdoctoral Association (<http://www.nationalpostdoc.org>) for several years. In 2004, Taylor moved back to ASPB and his current position as the CEO of this 5,000-member professional society. In that capacity Taylor is becoming increasingly active in the scholarly publishing arena, serving on the Council of the Association of Learned and Professional Society Publishers (ALPSP; [http://alpsp.org/ngen\\_public/](http://alpsp.org/ngen_public/)) and as chair of the steering committee of ALPSP's North American chapter.

### **Carol Tenopir**, Professor Information Sciences and the Director of the Center for Information and Communication Studies, University of Tennessee

Tenopir's areas of teaching and research include information access and retrieval, electronic publishing, the information industry, online resources, and the impact of technology on reference librarians and scientists. She is the author of five books, including, *Communication Patterns of Engineers*, (IEEE/Wiley InterScience, 2004) with Donald W. King. Tenopir has published over 200 journal articles, is a frequent speaker at professional conferences, and since 1983 has written the "Online Databases" column for *Library Journal*. She is the recipient of the 1993 Outstanding Information Science Teacher Award from the American Society for Information Science/Institute for Scientific Information and the 2000 ALISE Award for Teaching Excellence. She also received the 2002 American Society for Information Science & Technology, Research Award and the 2004 International Information Industry Lifetime Achievement Award. Tenopir holds a PhD degree in Library and Information Science from the University of Illinois.

### **John Vaughn**, Executive Vice President, Association of American Universities

John C. Vaughn was appointed Executive Vice President of the Association of American Universities in October 1996. As Executive Vice President, he serves as deputy to the president and chief operating officer. He also serves as director of policy studies, supervising the association's work in developing national and institutional policies that support the missions of the member universities. He has specific responsibility for association activities in the areas of intellectual property, information technology, research libraries and scholarly communication. He works with member presidents and chancellors, chief academic officers, and other university administrators in addressing these areas. In promoting national policies, he works closely

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with government relations representatives to advance appropriate and effective federal legislation and regulations in the support of academic programs and activities.

Vaughn staffs a number of AAU committees, including the Intellectual Property/Information Technology, the Institutional Data Committee and Membership Committees, and coordinates the annual meeting of the AAU chief academic officers. He has been an active member to the Joint Committee of the Higher Education Communities since its formation in December, 2002.

Vaughn received his B.A. in Psychology from Eastern Washington State College in 1968. In 1977, he received a Ph.D. in Experimental Psychology from the University of Minnesota. He was awarded an NIH Postdoctoral Traineeship and served as a Postdoctoral Fellow at Duke University from 1977-1979.

Vaughn has served in several positions of increasing responsibility since joining the association in 1980. The AAU consists of sixty U.S. and two Canadian universities with strong programs of research and graduate and professional education.