



### Rigor and Relevance in Scholarly Publishing Conference Materials

**Hesburgh Libraries** 

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# Rigor & Relevance in Scholarly Publishing

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### SAVE THE DATE

# Rigor and Relevance in Scholarly Publishing: New Realities, New Metrics, New Methods and What it Means for You

September 30 (afternoon) & October 1 (all day) 2016 Hesburgh Library, University of Notre Dame #R&R2016

Article level metrics, open access mandates, altmetrics, and electronic book publishing are no longer the frontier of scholarly communication, they are mainstream.

While the technologies have adapted to this new reality, the academy is still debating...

- How do we evaluate digital/electronic publishing in the sciences, engineering, and humanities?
- What is the role of other-than-article contributions? Are they scholarship?
- How should we evaluate article-level metrics as a measure of impact?
- What does post-publication review mean? Is this a new paradigm for evaluating scholarship?
- How do we manage the overhead associated with grant funder and university public access mandates?
- How to do all of the above while avoiding predatory publishers?

These are the issues that graduate students and early-career faculty must confront and Committees on Appointments and Promotion and chairs of departments must understand and include in their recommendations. Also, any faculty contemplating publishing in non-print journals will learn how to navigate that process.

It's time to have the conversation. This 1.5-day conference brings together researchers, administrators and publishers to inform, educate and collaborate on understanding the future of scholarly publishing and how to evaluate it.

### **Schedule**

### Friday, September 30

Time	Event
ALL FRIDAY SESSIONS ARE IN THE CAREY AUDITORIUM	
11:00a – 1:00p	Registration: Hesburgh Library South Entrance Gallery
	Welcome and logistics
	Diane Parr Walker
1.00 1.10	Edward H. Arnold University Librarian
1:00a – 1:10p	University of Notre Dame
	Robert Bernhard
	Vice President for Research
	University of Notre Dame
	Keynote Address
	How the scholarly record is going to have to change
1:10p - 2:00p	Clifford Lynch
	Director, Coalition of Networked Information
	· ·
	Plenary Session 1 <b>Author, Publisher and University Perspectives on Open Access</b>
2:00p – 3:00p	Kyle K. Courtney
2.00p 2.00p	Copyright Advisor and Program Manager
	Harvard Office for Scholarly Communication
Break with refreshments: Center for Digital Scholarship	
	Plenary Session 2
	<b>Public Access Requirements for Federally Funded Research</b>
	Kathie L. Olsen, PhD.
	Founder, Managing Director, ScienceWorks,
2.20- 4.20-	Affiliate Professor of Neuroscience, Krasnow Institute for Advanced
3:30p – 4:30p	Study, George Mason University  Former Deputy Director NSE
	Former Deputy Director, NSF

Former Chief Scientist, NASA

University of Notre Dame

Associate Vice President for Research

Liz Rulli

Time

ALL FRIDAY SESSIONS ARE IN THE CAREY AUDITORIUM Plenary Session 3 Open Access and the Future of the Monograph Michael A. Elliott Interim Dean, Emory College of Arts and Sciences, 4:30p - 5:30pEmory University Lisa A. Macklin Director, Scholarly Communications Office, Robert W. Woodruff Library, Emory University 5:30p - 6:30p Reception: Hesburgh Library Second Floor South Balcony Saturday, October 1 Time **Event** 8:00a - 9:00a Registration: Hesburgh Library South Entrance Gallery 8:00a - 9:00a Continental breakfast: Center for Digital Scholarship Plenary Session 4 **Expanding the Impact of Early-Career Scholars** Nick Shockey 9:00a - 10:00a Director of Programs and Engagement, **SPARC** Carey Auditorium Concurrent Sessions **Integration of Digital Humanities into Promotion and Tenure** Location: Room 248, 2nd floor Philip Ethington Professor of History, Political Science and Spatial Science, University of Southern California 10:10a - 11:00a The Open Science Framework - The Future of Open Science Location: Room 247, 2nd floor Jeffrey Spies Co-Founder and Chief Technology Officer, Center for Open Science Plenary Session 5 Intellectual Property and Other Legal Considerations in the Digital Timothy J. Flanagan 11:10a - 12:00p Associate General Counsel, University of Notre Dame Location: Carey Auditorium Lunch: Center for Digitial Scholarship 12:00p - 1:00p

**Event** 

10/15/21, 12:59 PM Rigor & Relevance Time **Event** Concurrent 30 Minute Sessions Metrics, Identities, Tools and Services Curate ND Location: Center for Digital Scholarship: Room 129 **Institutional Repository** https://curate.nd.edu ORCID Location: Room 222a, 2nd floor Unique researcher ID across platforms Open Researcher and Contributor ID http://orcid.org/ • Plum Analytics Location: Ceter for Digital Scholarship: Room 131 Altmetrics 1:10p - 2:40phttp://plumanalytics.com/ Scalar Location: Room 222, 2nd floor Publishing platform The Alliance for Networking Visual Culture http://scalar.usc.edu/scalar/ Scopus Location: Room 248, 2nd floor Impact factors, altmetrics https://www.elsevier.com/solutions/scopus • Web of Science

Location: Room 247, 2nd floor Impact factors, altmetrics

http://ipscience.thomsonreuters.com/product/web-of-science

2:40p - 3:00pBreak and Refreshments: Center for Digital Scholarship Plenary Session 6

Ushering Universities into the Digital Age

Timothy C. Beers

Chair in Astrophysics and Professor of Physics

University of Notre Dame

Sandra Gesing, PhD

Research Assistant Professor and Computational Scientist,

University of Notre Dame

Marya Lieberman

Professor, Surface Chemistry University of Notre Dame

Matthew Wilkens

Assistant Professor of English University of Notre Dame

Stephen M. Wrinn

Director, Notre Dame Press University of Notre Dame

Location: Carey Auditorium

Continue the conversation at Rohr's: Morris Inn

3:00p - 4:30p

# **Confirmed Speakers and Topics**

# **Clifford Lynch**

Executive Director, <u>Coalition for Networked Information</u>

### How the scholarly record is going to have to change

Clifford Lynch has led the Coalition for Networked Information (CNI) since 1997. CNI, jointly sponsored by the Association of Research Libraries and EDUCAUSE, includes about 200 member organizations concerned with the intelligent uses of information technology and networked information to enhance scholarship and intellectual life. CNI's wide-ranging agenda includes work in digital preservation, data intensive scholarship, teaching, learning and technology, and infrastructure and standards development. Prior to joining CNI, Lynch spent 18 years at the University of California Office of the President, the last 10 as Director of Library Automation. Lynch, who holds a Ph.D. in Computer Science from the University of California, Berkeley, is an adjunct professor at Berkeley's School of Information.

He is both a past president and recipient of the Award of Merit of the American Society for Information Science, and a fellow of the American Association for the Advancement of Science and the National Information Standards Organization. In 2011 he was appointed co-chair of the National Academies Board on Research Data and Information; he serves on numerous advisory boards and visiting committees. His work has been recognized by the American Library Association's Lippincott Award, the EDUCAUSE Leadership Award in Public Policy and Practice, and the American Society for Engineering Education's Homer Bernhardt Award.

# **Kyle K. Courtney**

Copyright Advisor and Program Manager, <u>Harvard Office for Scholarly Communication</u>

## Author, Publisher and University Perspectives on Open Access

Kyle K. Courtney, both lawyer and librarian, is the Copyright Advisor at Harvard University working out of the Office for Scholarly Communication. There he works closely with the Harvard community to establish a culture of shared understanding of open access and copyright issues among staff, faculty, and students. He continues to teach first year legal research sessions as part of Harvard Law School's Legal Research & Writing Program. His "Copyright First Responders" initiative was profiled in *Library Journal* in 2013, and he was named aNational Academic Library Mover & Shaker in 2015. In 2013, he founded Fair Use Week, now an international celebration sponsored annually by over 80 universities, libraries, and other institutions. He recently won a 2016 Knight Foundation Grant to develop technology for crowdsourcing copyright and fair use advice. Kyle holds a J.D. with distinction in Intellectual Property Law and an MSLIS. He is a published author and nationally recognized speaker on the topic of copyright, open access, technology, libraries, and the law. His blog is at <a href="http://kylecourtney.com">http://kylecourtney.com</a> and he can be found on Twitter <a href="https://kylecourtney.com">@KyleKCourtney.</a>.

# **Nick Shockey**

Director of Programs and Engagement, <u>Scholarly Publishing and Academic Resources Coalition</u>

### **Expanding the Impact of Early-Career Scholars**

Nick Shockey is the Director of Programs & Engagement for SPARC and founding Director of the Right to Research Coalition, an international alliance of student organizations that promote Open Access to the results of research through advocacy and education.

As the Director of Programs & Engagement, Nick is responsible for growing SPARC's engagement with members and the wider community, managing SPARC's digital platforms, and developing initiatives across SPARC's program areas. In this capacity, Nick leads the organization of International Open Access Week and directs SPARC's student program.

Nick led the launch of the Right to Research Coalition in 2009 and has grown the organization to include more than 90 member student organizations, which collectively represent nearly 7 million students in over 100 countries around the world.

In 2014, Nick led the launch of OpenCon, a new conference series which brings together leading student and early career researcher advocates from dozens of countries to advance the issues of Open Access, Open Education, and Open Data. To date, OpenCon has received more than 5,000 applications from individuals in over 150 countries.

### Michael A. Elliott

Interim Dean,
<u>Emory College of Arts and Sciences</u>,
Emory University

## Open Access and the Future of the Monograph

Associate Director of the Fox Center for Humanistic Inquiry at Emory University, where he is also the former Senior Associate Dean for Faculty in the College of Arts and Sciences. At Emory, he has been directing a project on the future of the monograph under the auspices of the Mellon foundation, and he is the lead author of a report on that subject recently published in the *Journal of Electronic Publishing*. A specialist in American literature and culture, Elliott is the author of two books and the co-editor of two additional volumes, as well as a member of the editorial board of *The Norton Anthology of American Literature*.

### Lisa A. Macklin

Director, <u>Scholarly Communications Office</u>, Emory University

## **Open Access and the Future of the Monograph**

Lisa A. Macklin joined Emory in 2005 and was appointed the first Director, Scholarly Communications Office (formerly the Libraries Intellectual Property Rights Office) in 2007. In this role she works with faculty, students, and staff on the application of copyright law to teaching, research, and publishing (see <a href="Emory"><u>Emory</u></a>

<u>Scholarly Communications</u> for more information). Her interests include transformations in scholarship and publishing, including new models of scholarship in digital form and the Open Access movement.

# **Jeffrey Spies**

Co-Founder and Chief Technology Officer, <u>Center for Open Science</u>

### The Open Science Framework – The Future of Open Science

Jeffrey Spies is the co-founder and Chief Technology Officer of the Center for Open Science, a non-profit technology company missioned to increase openness, integrity, and reproducibility of scientific research. Jeff is also the colead of SHARE--an initiative by the Association of Research Libraries, the Association of American Universities, the Association of Public and Land-grant Universities, and COS to create a free, open dataset of research activity across the research life-cycle. Jeff has a Ph.D. in Quantitative Psychology from the University of Virginia where he now holds a visiting scholar position in the Department of Engineering and Society. His dissertation included the development of the Open Science Framework--a free, open source scholarly commons that is now the flagship product of COS.

# **Philip Ethington**

Professor of History, Political Science and <u>Spatial Science</u>, University of Southern California

### **Integration of Digital Humanities into Promotion and Tenure**

Philip J. Ethington is Professor of History, Political Science, and Spatial Science in the Dornsife College of Letters, Arts and Sciences, Chair of the History Department, and Faculty Master of New North Residential College at the University of Southern California. An interdisciplinary historian, Ethington is completing a multigenre global history to be published in 2017 by University of California Press in online and print formats: Ghost Metropolis: Los Angeles from Clovis to Nixon. Ethington, in collaboration with Tara McPherson, et al, and the Alliance for Networking Visual Culture, has been a lead developer of the Mellonand NEH-funded Scalar scholarly publishing platform. He was previously a lead developer with Todd Presner et al of the MacArthur- and NEH-funded HyperCities geohistorical narrative platform. Ethington wrote the award-winning documentary Visual Acoustics: The Modernism of Julius Shulman, narrated by Dustin Hoffman (Arthouse Films, 2008). Ethington's cartography and photography have been exhibited in museum exhibits internationally. He is the author of numerous essays on the theory and methods of the humanities, social sciences, and natural sciences. Ethington is the former Multimedia Editor of the journal Urban History (Cambridge University Press), and a former member of the Board of Editors of the American Historical Review (Oxford University Press). At USC he has previously served as the Chair of the University Research Committee, and President of the Dornsife College Faculty Council, where he helped to develop new standards for the evaluation of interdisciplinary, collaborative, and digital scholarship.

# Timothy J. Flanagan

# Intellectual Property and Other Legal Considerations in Scholarly Publishing

Timothy J. Flanagan is Associate General Counsel for the University of Notre Dame, where he provides general legal representation for the University, focusing his practice primarily on intellectual property issues, including copyright, patent, and trademark protection and licensing; information technology and privacy law concerns; contract matters; and environmental matters. He is licensed to practice law before the State and Federal Courts of Indiana. Mr. Flanagan is also a Concurrent Assistant Professor of Law at Notre Dame Law School and has been a frequent invited speaker on various topics of technology-related law.

Previous to his current position, Mr. Flanagan served the University as the Associate Director of Research Development in the Graduate School's Office of Research, where he managed the legal protection and commercialization of the technologies developed through Notre Dame's research. Before his professional career at Notre Dame, Mr. Flanagan worked as a private consultant to the United States government in environmental and radioactive waste management issues, and he also served as an officer in the United States Navy's nuclear power program.

Mr. Flanagan is a graduate of the University of Notre Dame, having earned degrees in Electrical Engineering, with honors, and Law, with high honors.

### Liz Rulli

Associate Vice President for <u>Research</u>, University of Notre Dame

## **Public Access Requirements for Federally Funded Research**

Liz Rulli was appointed Associate Vice President for Research at the University of Notre Dame in 2008. Liz drives cross-functional, University-wide initiatives to advance the research enterprise and operations. With her vision as Associate Vice President for Research, Liz leads all research-related aspects of pre and post award operations, effectively reducing faculty time spent on grant administration. Liz is responsible for the financial and administrative affairs of all units, including strategic research initiatives, reporting to the Vice President for Research. In 2008, Liz came to Notre Dame from Purdue University with over 21 years experience in university and research administration. Most recently at Purdue, Liz was the Director of Financial Affairs for the Vice President for Research. Liz holds a Bachelor's of Science in Management and a Master's of Science in Management, both from Purdue University.

## Kathie L. Olsen, PhD.

Founder, Managing Director, <u>ScienceWorks</u>, Affiliate Professor of Neuroscience, Krasnow Institute for Advanced Study, George Mason University Former Deputy Director, NSF Former Chief Scientist, NASA

### **Public Access Requirements for Federally Funded Research**

Kathie L. Olsen, Ph.D. is the Founder and Managing Director of ScienceWorks International, LLC, a consulting firm that helps people and organizations succeed in science and engineering research. Before founding ScienceWorks, Dr. Olsen served over 20 years in the federal government in a variety of administrative and scientific leadership positions including the Deputy Director and Chief Operating Officer of the National Science Foundation (NSF); Associate Director and Deputy Director for Science in the Office of Science and Technology Policy (OSTP) in the Executive Office of the President; Chief Scientist for the National Aeronautics and Space Administration (NASA) and the Acting Associate Administrator for NASA's Biological and Physical Research Enterprise. She also was the Vice President of International Programs at the Association of Public and Land-grant Universities (APLU), a non-profit organization.

Dr. Olsen earned a B.S. in Biology and Psychology with honors from Chatham College, and Ph.D. in Biology (Neuroscience) from the University of California, Irvine. Following her postdoc at Harvard Medical School, she was faculty at the State University of New York-Stony Brook where her research was supported by NIH. She has served on review panels for U.S. federal agencies including NIH, NSF, DoD, foreign governments, international research institute, and UNESCO. Dr. Olsen holds four honorary doctorates from US universities and a variety of professional awards.

# **Rigor and Relevance Panel**

### **Ushering Universities into the Digital Age**

# Timothy C. Beers

Chair in <u>Astrophysics</u> and Professor of Physics University of Notre Dame

Beers is interested in the origin and evolution of the elements in the universe, and the assembly of large spiral galaxies such as the Milky Way. For decades, Beers has designed and executed large-scale surveys of stars in the Milky Way, efficiently sifting through literally millions of individual stars in order to find those objects that have recorded the chemical history of the universe in their atmospheres. Beers' efforts have been responsible for the identification (and subsequent analysis) of the great majority of stars known with overall abundances of heavy metals less than 1/1000th that of our sun. Beers now leads the involvement of Notre Dame astronomers in SDSS-IV, the third extension of the Sloan Digital Sky Survey. Beers is a co-PI and an associate director of the NSF Physics Frontier Center, JINA: Joint Institute for Nuclear Astrophysics, which brings together the work of nuclear physicists and astronomers at numerous institutions worldwide to make progress on understanding of the formation of the elements, and the astrophysics of the sites in which they were produced (e.g., supernovae, neutron stars, AGB stars, etc.).

# **Sandra Gesing**

Department of Computer Science and Engineering, University of Notre Dame

Sandra Gesing is a research assistant professor at the <u>Department of Computer Science and Engineering</u> and a computational scientist at the Center for Research Computing at the University of Notre Dame. Prior to the position at Notre Dame, she was a research associate in the Data-Intensive Research Group at the University of Edinburgh, UK, in the area of data-intensive workflows and in the Applied Bioinformatics Group at the University of Tübingen, Germany, in the area of science gateways and grid computing. Additionally, she has perennial experience as a project manager and system developer in industry. As head of a system programmer group, she has led long-term software projects (e.g. infrastructure on web-based applications). She received her German diploma (equivalent to a Master's degree) in computer science from extramural studies at the FernUniversität Hagen and her PhD in computer science from the University of Tübingen, Germany.

Her research interests include science gateways especially for bioinformatics applications and distributed and parallel computing. In this context, she also works on analysis frameworks for modeling and simulations. She is heavily involved in the US Science Gateway Community Institute, where her role focuses on outreach and community engagement. Her research resulted in over 70 scientific publications. Additionally, she has been editing over 10 special issues or proceedings, respectively. Supporting open-access initiatives, she is an academic editor of the open-access journal PeerJ Computer Science.

# Marya Lieberman

<u>Department of Chemistry</u> University of Notre Dame

My research focuses on two very different topics. I've long been interested in surface chemistry, self-assembly of two- and three-dimensional structures, and molecular electronics, and in this area we are currently studying nanostructures made from DNA as self-assembling "circuit boards" for nanoelectronic and nanomagnetic devices. A lot of this work requires CMOS processing steps in a clean room environment. We use surface analysis tools like AFM to image the DNA nanostructures, and X-ray photoelectron spectroscopy to learn about the surface chemistry of the substrates, so this project is a good fit for students with a physical/analytical turn of mind and an interest in building things on the nanoscale.

## **Matthew Wilkens**

Department of <u>English</u> University of Notre Dame

Matthew Wilkens works on contemporary literary and cultural production with particular emphasis on the development of the novel after World War II. His recently completed book manuscript, *Revolution: The Event in Modern Fiction*, combines these interests with related theoretical issues including allegory, event, and encyclopedism in the 1950s and '60s. His articles on twentieth-century literature have appeared in *Contemporary Literature*, *NLH*, and *Post45*, among other outlets. His current research concerns very recent fiction and the evolution of late postmodernism in writers including David Foster Wallace, J.M. Coetzee, Rivka Galchen, and Uzodinma Iweala.

Professor Wilkens also works extensively with new techniques of computational and quantitative cultural analysis, including literary text mining, geolocation extraction, and network analysis. His digital projects range from mapping the literary landscape of the American nineteenth century to identifying patterns of allegorical writing across several centuries to evaluating the convergence of international style in the age of globalization. He currently serves as president of the Digital Americanists society.

# **Stephen M. Wrinn (Moderator)**

Notre Dame Press

University of Notre Dame

Steve Wrinn started as Director of the University of Notre Dame Press on September 1, 2016. Prior to his arrival at Notre Dame, Wrinn was Director of the University Press of Kentucky for nearly 14 years, where he supervised all aspects of planning, acquisitions, production, marketing, and print and electronic distribution of approximately 60 new books and 20 paperback reprints annually. Wrinn previously was editorial vice president and executive editor of history and political science for Rowman & Littlefield Publishers and editorial director of Lexington Books. While there, he managed the purchase and assimilation of Lexington Books from Simon & Schuster into Rowman & Littlefield Publishing Group. As Director at UNDP, Wrinn is responsible for formulating and implementing the Press' mission and strategic plan and overseeing progress towards its goals.

### **Directions**

### By Air (plus ground transportation)

Notre Dame is about 15 minutes from South Bend Regional Airport (Ask your travel agent to book you to South Bend, Indiana). You may hail a taxi at the airport; the trip to campus will cost you approximately \$15.00. Alternatively, if you elect to drive from the airport take "Lincolnway West" East (left out of the airport) to downtown South Bend. Turn left on Indiana 933 (Michigan St.). Stay on Indiana 933 to Angela Boulevard which is the second stop light north of the St. Joseph River. Turn right onto Angela Boulevard then left at the first stop light onto Notre Dame Avenue. Visitor Parking is located on the right side of Notre Dame Avenue about 200 yards from Angela.

You can also fly to Chicago and drive, take a bus, or catch the South Shore train from downtown Chicago (see below). The University is about 2 hours (by car) from O'Hare airport, less from Midway. From O'Hare Airport: Take Route 190 east out of O'Hare to Route 90 east (Kennedy Expressway) toward downtown Chicago where it merges with Route 94 south (Dan Ryan Expressway). Take the Skyway exit off the Dan Ryan and remain on Route 90 to the Indiana Toll Road which will merge with Route 80. Get off at Exit 77 (South Bend/Notre Dame).

### By Car

From the east/west: The University is located just south of the Indiana Toll road (Interstate 80/90). Exit Interstate 80/90 at exit 77 and turn right onto Indiana 933/US 31. Make a left at the 4th stop light (Angela Boulevard). Make a left at the first stop light (Notre Dame Avenue). Visitor Parking is located on the right side of Notre Dame Ave about 200 yards from Angela. From the north/south: Take US 31 north which becomes Indiana 933 just south of South Bend. Stay on Indiana 933 to Angela Boulevard which is the second stop light north of the St. Joseph River. Turn right onto Angela Boulevard then left at the first stop light onto Notre Dame Avenue. Visitor Parking is located on the right side of Notre Dame Ave about 200 yards from Angela.

### By Train

The South Shore Line trains run directly from the Chicago Loop (corner of Michigan and Randolph, Millenium station) to South Bend Regional Airport. From the airport, the Notre Dame campus is approximately a 15 minute ride. Various transportation methods are available (taxi, rental car, private car) from the airport. For driving directions see the "By Air" section above.

Formal registration for Rigor and Relevance is now closed but you are still welcome to attend. Registration is from 11-1 on Friday, September 30 and 8-10 Saturday morning, October 1st.

# **Contact Us**

### **Collette Mak**

**Outreach and Scholarly Communications Librarian** 

**Hesburgh Libraries** 

115A Hesburgh Library Notre Dame, IN 46556 phone: (574) 631-7392 email: cmak@nd.edu

# **Conference Planning Committee**

Thomas V. Merluzzi

Director, Institute for Scholarship in the Liberal Arts

**College of Arts & Letters** 

### **Cheri Smith**

Program Director, Teaching, Research, & User Services

**Hesburgh Libraries** 

### **Collette Mak**

Librarian, Teaching, Research, & User Services

**Hesburgh Libraries** 



Rigor & Relevance

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- 221 Hesburgh Library Notre Dame, IN 46556
- **+**(574) 631 6258
- <u>hesburgh.libraries@nd.edu</u>