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## Spring 2023 Announcements

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### KUDOS TO *JSE*'S 'OPEN ACCESS CHAMPIONS'

The Editorial Team warmly recognizes the individuals listed below for their generous donations to the 2022 Open Access Champion campaign. Their investment enables *JSE* to remain a unique and 'platinum open access' periodical (requiring no article processing fees) for all topics relevant to frontier science. *Nostram reverentiam et gratiam* —Marsha Adams, Robert Bobrow, Kathleen Erickson, John Norman Hansen, James Houran, Garret Moddel, Margaret Moga, Loránd-Levente Pálfi, Daqing Piao, Slawek Smyl, John Streiff, and Gene Thomas.

There is always time to join in this important cause by making your tax-deductible donation of any amount at: <https://www.scientificexploration.org/become-an-open-access-champion>

### CELEBRATING KATHLEEN ERICKSON'S *JSE* TENURE

This 2023 Spring issue marks a bittersweet milestone for the Editorial Team. Kathleen Erickson — our long-time and valued Managing Editor — has retired from the role effective this past January after a brilliant 17-year tenure. The editorial team can confidently speak for everyone at the Society for Scientific Exploration (SSE) in expressing the deepest appreciation for her many years of tireless and excellent service that produced a whopping 50 issues of the *Journal*. Luckily, she intends to stay an active member and supporter of the SSE and *JSE*. Godspeed, Kathleen!



### INTRODUCING *JSE*'S NEW MANAGING EDITOR



Looking ahead, please welcome and support Brian Laythe, Ph.D. as the new and enthusiastic Managing Editor. Dr. Laythe is a prolific researcher, author, and full member of both the SSE and the Parapsychological Association, as well as a prior *JSE* Associate Editor. Most critically, he has 20 years of experience designing and implementing varied media content for research, business, advertising, academic, and personal-related projects. Dr. Laythe is also known for his strong interest in both emerging technologies and the use of citizen science approaches to study anomalous phenomena in real-world settings. We acknowledge and greatly appreciate his crucial participation in the production of the Winter 2022 issue, which was unavoidably delayed in the administrative transition period.

### CALL FOR SCHOLARLY 'BOOK AND MULTIMEDIA REVIEWS'

Book Review Editor P. D. (David) Moncrief is expanding the *JSE* book reviews subsection to include important multimedia reviews as well. Our readership appreciates the value of assorted assets for education or research, including certain films, documentaries, recorded presentations or symposia, video series, and reports, websites that are comprehensive resources, software for scholars, and even 'articles of interest' in other peer-reviewed journals that are pertinent to frontier science. Submissions are now being accepted, and authors should note that these multimedia reviews should have four components: (a) introduction, (b) summary of the media content, (c) description of the value of the media to the *Journal*'s readership, and (d) fair critique of the media. These components need not constitute major sections, but each matter should be clearly addressed in the submission. For more details, please consult the updated 'Guidelines for Authors.'

### CALL FOR 'STUDENT AND CITIZEN SCIENCE' PAPERS

This issue proudly launches a new *JSE* subsection for Student and Citizen Science papers, which we developed with input from online attendees of a 'Psi Agora' discussion group this past February (thanks to Sally Feather, Darby Orcutt, Doug Richards, and Annalisa Ventola). Though the general public mistakenly assumes only professors, independent

researchers, or graduate students plan or conduct research, the reality is that other academically-minded people often play an important role. The *JSE*, therefore, currently defines the content featured in this subsection as “an inquiry or investigation conducted by an undergraduate-or-below student or citizen scientist (‘lay person’) that makes an original intellectual or creative contribution to frontier science.” Although some journals specifically cater to student or citizen science research and writing (see, e.g., *Journal of Emerging Investigators*, *Butler Journal of Undergraduate Research*, or *Citizen Science: Theory and Practice*), these periodicals do not necessarily tolerate or publish highly controversial material. Such journals can thus overlook important preliminary studies, fresh ideas or connections, measurement innovations, or unique data from real-world conditions.

To clarify, undergraduate and citizen science is a way for people who are neither professional scientists, seasoned scholars, nor those with graduate training to contribute to scientific research. This can be done by collecting information, analyzing data, or helping to design various types of studies. By working together, students, citizens, and trained scientists can learn more about the world around us and make new discoveries. Examples of traditional citizen science projects include tracking bird migrations, monitoring air and water quality, and counting or monitoring stars in the sky. On the other hand, citizen (frontier) science efforts over recent decades have variously involved cryptozoology, ufology, and aspects of parapsychology. But too often, such contributions, like some undergraduate research, are not properly recognized, vetted, or shared. We aim to change that, as the many benefits of student and citizen science involve:

1. **Increased public engagement and education:** To help to educate the public about scientific research and the natural world and can also increase public engagement with science.
2. **Increased data collection:** To collect large amounts of data that would be difficult or impossible for professional scientists to gather on their own.
3. **Increased scientific understanding:** To generate new scientific knowledge and can also help to validate or disprove existing hypotheses or theories.
4. **Increased collaboration between scientists and the public:** To build bridges between scientists and the public and can also help to increase trust and understanding between the two groups.
5. **A cost-effective way of research:** Provides an economical approach to testing protocols or conducting research, as it enables scientists to use the resources of volunteers.
6. **Discover new talents and interests:** To uncover or reinforce the talents and interests of the next generation of researchers.

Accordingly, *JSE* actively encourages conceptual or empirical submissions by high school through undergraduate students and citizen scientists. The use of a distinct subsection is intended to properly contextualize these contributions by spotlighting the value of amateur-led research while simultaneously acknowledging their constraints. It is certainly fair to note that student and citizen science, by its nature, does not automatically match the sophistication or technical quality of professional research. For this reason, we are also piloting a mentorship program in which seasoned academics serve as hands-on mentors to support budding researchers and authors in the preparation or revision of selected papers. Ideally, the mentors will be consulted at the research planning stage.

We reiterate that this is not an invitation for poor quality science but rather a call for contributions in which the authors do not have all the resources of trained scientists. Those who think they have a research idea that could result in a paper should contact *JSE* as soon as possible for advice and guidance. Volunteers are greatly appreciated and formally acknowledged in each paper that they help bring to publication. Moreover, there are no minimum time or task demands — mentors can help as often as they want, given their interest and availability. To learn more or register as a ‘student or citizen science mentor’ on future submissions, please contact Managing Editor Brian Laythe at: [journal@scientificexploration.org](mailto:journal@scientificexploration.org)

## PUBLISHER CORRECTION NOTICE

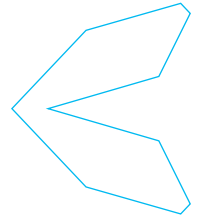
Equation 1 of the printed journal version of Lee (2022, p. 486) is missing its key term “ $\Delta G_L$ ” and should read as:

$$\Delta G_L = -2.3 RT \log_{10}(1 + [H_L^+]/[H_{pB}^+])$$

However, the equation is correctly reported in the online version of record:

Lee, J. W. (2022). Type-B energetic processes and their associated scientific implications. *Journal of Scientific Exploration*, 36, 484-492. <https://doi.org/10.31275/20222517>





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## 2023 CALL FOR PAPERS

**41<sup>st</sup> Annual Conference of the Society for Scientific Exploration**  
**Bloomington, Indiana | July 23-26, 2023**  
**Online Conference Encore | October 20-22, 2023**

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The 41<sup>st</sup> annual SSE Conference will take place **in-person July 23 - 26, 2023**, at the Indiana Memorial Union on the Indiana University-Bloomington main campus in Bloomington, Indiana. An Online Conference Encore will take place as a live Airmeet event from October 20-22, 2023.

In this dual hybrid event, we will meet in-person in Bloomington, Indiana, in July and virtually at the Online Conference Encore in October. The Online Conference Encore will consist of talks video-recorded from the in-person event with live Q&A, as well as additional presentations. This call for papers pertains to both events.

### Conference Theme: Maverick Science

In a recent paper, Durakiewicz (2022) notes that ‘maverick science’ involves dissent, collaborative effort, and transformative progress, as well as incremental work and paradigm breaking. Here at the SSE, we support and encourage the hallmarks of maverick science: exploratory research, original thinking, and research into unexplained phenomena. In this Call for Papers, we welcome submissions addressing a range of topics of interest to maverick scientists. This includes, **but is not limited to**, topics such as:

- Anomalies and unexplained phenomena
- The nature of consciousness
- New physics, cosmology, and galactic cycles
- Alternative energy, future technology
- Energy healing, healing research, and Bio-energetics
- Psi, mind-matter interactions, Remote Viewing
- NDE, reincarnation, the persistence of consciousness beyond death
- UAPs, UFOs, and other extraterrestrial phenomena
- Divination, astrology, dowsing
- Cryptozoology
- Sociology and philosophy of science

In addition to describing the results of your research, we encourage you to address the theoretical implications of your research in the larger field of anomalies research. How might they advance other scientific frontiers?

We will have three presentation formats:

- Long talks
- Short talks
- Poster presentations

Presentation format will be assigned by the Program Committee based on the evaluation of abstracts for:

- Scientific merit
- Alignment with the goals of the SSE
- Originality of the research
- Impact and relevance of the research to the broader field of maverick science

## **Abstract Submissions: Deadline: April 30, 2023**

### **Who can Submit an Abstract.**

- Full or Emeritus members of SSE
- Associate or Student members of SSE. Sponsorship by a Full or Emeritus member is encouraged, but not required, for acceptance.

### **How to Submit and Abstract.**

If you are not a member of SSE, you may [join](#) on the SSE Website, and then submit an abstract. First, download the [2023 SSE Abstract Submission Template.docx](#) Word template and complete it with your abstract and speaker biography. Please note that abstracts should be less than 500 words, and speaker biographies should be no more than 100 words. Second, complete the [online SSE 2023 Conference Abstract Submission form](#) and use it to upload your completed 2023 SSE Abstract Submission Template.docx Word template. **You must be logged into a Google/Gmail account to submit your abstract.**

You will receive notification of your proposal status by May 15, 2023.  
Registration and hotel reservation information will be posted soon on the [SSE website](#).

Questions can be directed to the Program Committee Chair:

Mark Urban-Lurain, Ph.D.  
Secretary  
Society for Scientific Exploration  
[secretary@scientificexploration.org](mailto:secretary@scientificexploration.org)

# 65th Annual Convention of the Parapsychological Association

Oslo, Norway | AUGUST 3-6, 2023  
Online Convention Encore | NOVEMBER 10-13, 2023

The 65th Annual Convention of the Parapsychological Association (PA) will be held from Thursday, August 3, 2023 through Sunday, August 6, 2023, in the Fanehallen at the center of Oslo, Norway. An online encore of the convention will take place as a live Airmeet event from November 10-13, 2023.

## Online Encore Convention

In the interest of having a “hybrid” convention with both live and online elements, this event will encompass two sets of dates. It is anticipated that those responding to this call will participate in both events, in some fashion.

**August Oslo Convention** - Floor time will be given to in-person presentations only, which will be video recorded. A web catalog of talks from online-only presenters will also be available in August for attendees of both events to view at their leisure.

**November Convention Encore** - Will include 1) A live replay of selected presentations recorded in Oslo with new Q&A, 2) A live replay of presentations from the web catalog with Q&A, and 3) an online space for further interaction between attendees and speakers.

Visit the Convention website to learn more about accommodations, registration, and other updates as they become available:

[https://www.parapsych.org/section/69/2023\\_pa\\_convention.aspx](https://www.parapsych.org/section/69/2023_pa_convention.aspx)



# Bial AWARD



IN BIOMEDICINE 2023

## Jury

**President** Ralph Adolphs

## Members

Sarah Bray • Nektarios Tavernarakis - *European Research Council*

Maria do Carmo Fonseca • Fátima Carneiro - *Council of Rectors of Portuguese Universities*

Vincenzo Costigliola • Olga Golubnitschaja - *European Medical Association*

Hugo Critchley • Menno Witter - *Scientific Board of the BIAL Foundation*

Daniel Pipeleers • Peter St. George-Hyslop - *Previous winners of the BIAL Award*

Kamran Abbasi (BMJ) • Eric Rubin (NEJM) - *Scientific Journals*

## Who can nominate

- Voting members of the Jury;
- Members of the Scientific Board of the BIAL Foundation;
- Previous BIAL Award winners;
- Scientific Societies in the biomedical field;
- Boards or Deans of Medical Faculties;
- Heads of leading research institutes in the biomedical field;
- Boards or Heads of prestigious Academies;
- In addition, highly qualified researchers may nominate candidate works, but self-nominations are not accepted.

"Nominations may be submitted by an organized group of scientists, such as a university, society, academy, or research institute. The nominating group should not include individuals who contributed to the nominated work. Nominations are welcomed for works authored by scientists at any stage of their career, and from any country around the world."



Ralph Adolphs  
**President of the Jury**

FUNDAÇÃO

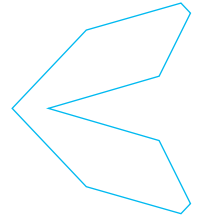
**Bial**

*Institution of public utility*

The BIAL Foundation was established in 1994 by BIAL and the Council of Rectors of Portuguese Universities. BIAL Foundation's mission is to foster the scientific study of the human being from both the physical and spiritual perspectives. It is managed by representatives from both institutions.

Among its activities, the Foundation manages awards promoting the research in health sciences and supports scientific research projects in the area of neurosciences.

For more information visit [www.fundacaobial.com](http://www.fundacaobial.com).



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**JSE AUTHOR GUIDELINES - UPDATED MARCH 2023****Submit to: [journalofscientificexploration.org](http://journalofscientificexploration.org)**

JSE publishes Regular Articles, Literature Reviews, Student and Citizen Science papers, Brief Reports, Book and Multimedia Reviews, Essays, and Letters. Invited content in these categories is also published periodically. Please ensure that your submission meets APA Guidelines (7<sup>th</sup> edition) and conforms to the parameters below.

*There are no strict word limits*, but guidelines for different types of submissions are given below. In all cases, authors should be as clear, direct, and concise as possible in their presentations. The Editor-in-Chief reserves the right to mandate revisions to the lengths of accepted papers in the interest of readability, accessibility, and space.

Contributions can be empirical research, critical or integrative reviews of the literature, position papers, policy perspectives, or comments and criticisms. Studies can adopt diverse methods, including qualitative, ethnographic, historical, survey, philosophical, case study, quantitative, experimental, quasi-experimental, data mining, and data analytics approaches.

**A. REGULAR ARTICLES (11K WORDS MAX)**

Primary research or interesting and important theoretical papers that foster the diversity and debate inherent to the scientific process. This entails novel or innovative ideas that have some ‘fragmentary’ experimental or empirical support but which can be evaluated with logic and open-mindedness to present academia with provocative hypotheses that would otherwise be rejected by most conventional journals. Additional requirements are as follows:

1. All empirical results that have not been replicated should be called ‘preliminary’ with the findings treated as such. Peer-review and publication priority will be given to studies that are (a) pre-registered or (b) replications. Note that ‘replication’ can involve repeating the research procedure in a (nearly) identical separate study to be reported within the same paper (e.g., ‘Study 2: Replication’). Or, large datasets can be divided randomly into ‘Training’ and ‘Test (or Validation)’ sets, i.e., the research findings presented are those results that replicated in the Test set.
2. To promote stricter transparency and context for readers, all analyses where appropriate should provide effect size statistics in the form of direct percentages of either *association* (correlative analysis) or *mean percentage differences* (ANOVA, *t*-tests, etc.). In the case of correlative analysis, reported results shall report  $R^2$  to provide a covariance percentage estimate. Mean tests shall provide a ‘percentage change’ indicating the actual percentage change between groups (e.g.,  $M = 3.44$  Group 1 versus  $M = 4.02$ , in Group 2, on a five-point scale is calculated by the following:  $ABS [M_1 - M_{2/5} (\text{scale range})] = 11.6\%$  shift or change in means). Standard effect statistics also are allowed, so long as the above percentage techniques are likewise reported. These statistics should be reported in results as ‘percentage effect’ and follow immediately after standard statistical analysis notation. For correlation, ( $r = .43$ ,  $p < .01$ , percentage effect = 18%), for means tests ( $M_1 = 3.44$  versus  $M_2 = 4.02$ ,  $t = 3.443$ ,  $p < .01$ , percentage effect = 11.6%).

**B. SYSTEMATIC, NARRATIVE, AND SCOPING REVIEWS (12 K WORDS MAX)**

All meta-analyses and systematic reviews should include a PRISMA flow diagram to clarify for readers how the exclusion/inclusion criteria were applied to create the literature set under consideration: See <http://www.prisma-statement.org/>

**C. BRIEF REPORTS AND RAPID PUBLICATIONS (2K WORDS MAX)**

These are usually pilot studies, direct or conceptual replication attempts of previous work, case studies, brief evaluations, reviews, or ‘citizen scientist’ efforts that are unique, first-time reports, with no more than two tables and/or figures and 10 references. This rapid publication option is especially appropriate for graduate-level student studies, pilot or preliminary research, or descriptions of important new methods or instrumentation. These reports are subject





to blinded peer review in the same manner as research articles. Authors should follow all requirements for longer manuscripts when submitting Brief Reports, including that they have not been submitted or published elsewhere.

#### D. BOOK AND MULTIMEDIA REVIEWS (2K WORDS MAX)

Structured for readability and utility in which the content is suitably contextualized and includes links to general model-building or theory-formation in the respective domain(s). Please use the following headers, or otherwise incorporate these themes into the review: (a) Author Disclosures; (b) Content Overview; (c) Pros, Cons, and the Book's Contributions to the Literature; (d) Recommendation; and (e) References (if applicable). For an example, see: <https://www.spr.ac.uk/book-review/poltergeist-night-side-physics-keith-linder>

Multimedia reviews can cover films, documentaries, recorded presentations or symposia, video series and reports, websites that are comprehensive resources, software for scholars, and even peer-reviewed articles in other journals that are pertinent to frontier science. Submissions are now being accepted, and authors should note that these multimedia reviews should include four components: (a) Introduction; (b) Summary of the Media Content; (c) Description of the Value of the Media to the *Journal's* Readership; and (d) Critique of the Media. These components need not constitute major sections, but each issue should be clearly addressed in the submission. We strongly encourage prospective authors to discuss their topic for a multimedia review with the Subsection Editor P. D. Moncrief (pdmoncrief@yahoo.com) prior to submission.

#### E. ESSAYS (8K WORDS MAX)

Important conceptual or philosophical commentaries, observations, or arguments to spark constructive discussion or debate relative to theory, methodology, or practice.

#### F. LETTERS TO THE EDITOR (1K WORDS MAX)

Must address substantive issues relative to recently published content in the Journal.

#### SUBMISSIONS (A) TO (C) AND (E) AS APPROPRIATE, MUST ALSO INCLUDE THE FOLLOWING SECTIONS:

1. **Highlights (i.e., lay summary) (50 words max).** Placed at the beginning of the article before the scientific abstract, this is a short—1 to 3 sentences—bottom-line description of the paper. Avoid technical terms and prepare the comments akin to a published quote to a non-specialist or uninformed journalist or student about the researchers' interpretation of the main results.
2. **Implications and Applications (~150 words max).** Placed immediately after the Discussion section to succinctly summarize or suggest how the study's methods or findings can potentially inform the study of other issues, anomalies, or fields of study, including interdisciplinary and multidisciplinary approaches.
3. **Author Contributions (Contributor Roles Taxonomy).** Please include this information within or following the Acknowledgments section. Follow standard guidelines such as this one from Elsevier: <https://www.elsevier.com/authors/policies-and-guidelines/credit-author-statement>. Also, please include ORCID numbers for authors where possible (on the online submission page).
4. **Data-sharing requirements.** Primary (raw) data (redacted for confidential or personally identifying information) must either be (a) uploaded to a freely accessible repository for independent verification or analysis by qualified researchers and the URLs shared in the paper and in a section called Data Availability under the Acknowledgments section (the *Journal* can provide such space), or (b) otherwise provided to qualified researchers on formal request.