**Highlight Template**

**Please fill in each element in square brackets. Please see Guidance document for more details.**

**Refer to** [**https://www.energy.gov/science/listings/science-highlights**](https://www.energy.gov/science/listings/science-highlights) **for examples.**

[Month] [Year]

**[Title in Capitalized Format]**

Titles should pique the interest of the reader while also being somewhat descriptive. Strictly clever titles do not do as well.

[Subtitle not capitalized, ending with a period.]

Provide a short subtitle (no more than 155 characters with spaces) that will be used on the highlights “table of contents” landing page(s) of the website (it can repeat information from the next two entries). The goal for the subtitle is to provide further information that will encourage people to read more.

[Image]

Provide one eye-catching high-resolution image (JPEG or TIFF, ideally 300 dpi, > 150 dpi acceptable). A visually appealing high-resolution image is critical to the highlight’s viability on the web, on social media, and in other contexts.

[Image credit]

Image courtesy of [source]

[Image caption]

No more than 255 characters with spaces. Should describe what the image is depicting.

**The Science**

Describe the scientific results for a non-expert, non-scientist audience in 75 to 100 words. The readability score should be 30 points or higher (lower than grade level of 13). Use short sentences and short words. Avoid technical terms if possible; if necessary, define them. Provide the necessary context so someone can have a very basic understanding of what you did. Start with things the reader already knows and move on to more complex ideas.

**The Impact**

Describe the impact of the research to a non-expert, non-scientist audience in 75-100 words. The impact of use-inspired science is typically a potential technological advance while the impact of discovery research might be to open up new frontiers of science or resolve a long-standing question. The readability score should be 30 points or higher (lower than grade level of 13). Use short sentences and short words. Avoid technical terms if possible; if necessary, define them. Include fields impacted such as energy generation, quantum computing, disease diagnostics, etc.

**Summary**

A paragraph or two (no more than 200 words), with additional details of the work. It should be still accessible to the non-specialist, but may be more technical if necessary. As a point of style, we usually do not mention the name of the institution. If there is a DOE Office of Science user facility involved, you can mention the user facility.

**Contact**

[Name]
[Institution with optional title, optional address]
[Email and/or telephone]

Include the primary contact. You can include up to two contacts as necessary.

**Funding**

[Explanation of funding ***including citation of*** ***all significant sources, including non-DOE sources if applicable***; formatting is flexible: can be a bulleted list, a sentence, or a short paragraph.]

For a highlight involving basic research, provide a statement of who provided support – if more than one sponsor, delineate. User facility host contributions to a user project do not require additional delineation. For a highlight involving follow-up applied R&D, include delineation between the basic and applied R&D sponsors, if appropriate. Do not include contract numbers.

**Publications**

At least one peer-reviewed research publication is required for a web highlight.

List relevant publication(s) one per line in the format used by *Nature*. Provide the full citation(s): author(s), title (in quotes), journal name (italicized), volume, page number, year (in parentheses), DOI (in brackets). Please use “et al.” for four or more authors.

For each publication, link to the publication’s record in DOE Pages in OSTI (<https://www.osti.gov/pages/>) in the title of the article. If there is no DOE Pages record, work with the researcher to submit the article to DOE Pages. This is now required for all research funded by DOE. The researcher submitting the highlight will need to first submit the accepted manuscript of the journal article(s) to the DOE Office of Scientific and Technical Information (OSTI) via the DOE Energy Link System (E-Link). If the researcher is a financial assistance awardee, they can submit a completed DOE Announcement Notice (AN) 241.3 by going to: https://www.osti.gov/elink-2413. In the case of lab researchers, they will need to consult with their lab's STI Manager for more information about submission. A listing of STI Managers can be found here: https://www.osti.gov/stip/stimanagers#stimanagers.

*Example citation with DOE Pages link:*

P.A. Rodrigues, *et al.* (MINERvA Collaboration), “[Identification of nuclear effects in neutrino-carbon interactions at low three-momentum transfer.](https://www.osti.gov/pages/biblio/1253013-identification-nuclear-effects-neutrino-carbon-interactions-low-three-momentum-transferIdentification%20of%20nuclear%20effects%20in%20neutrino-carbon%20interactions%20at%20low%20three-momentum%20transfer)” *Physical Review Letters* **116,** 071802 (2016). [DOI: 10.1103/PhysRevLett.116.071802]

**Related Links**

Include 1-3 optional related links, such as press releases / feature articles from the institution or Office of Science feature articles. You can include news coverage if it’s in a major publication (*Nature* magazine, *New York Times*, *Washington Post*). Do not provide multiple links to the same article cross-posted in different places. Provide the title of the article with the link embedded in the title, followed by the publisher of the article.

*Example:*

[Summit Charts a Course to Uncover the Origins of Genetic Diseases](https://www.olcf.ornl.gov/2019/05/20/summit-charts-a-course-to-uncover-the-origins-of-genetic-diseases/?fbclid=IwAR2Bgc0D0lRZJaFr7_OKx5JQwBTSXgm-Cg_cg3S9cK5H0Dn8Ip3hJCi1XXA), Oak Ridge Leadership Computing Facility News

**Additional information that will not be publicly displayed on the webpage:**

**Image usage rights:**

Click here to enter text.

**Program Contact(s):**

Click here to enter text.

**Originating Reviewer(s) (if applicable):**

Click here to enter text.

**Internal Reviewer(s):**

Click here to enter text.

**Metadata Tags:** highlight all tags that are appropriate for a given highlight

|  |  |  |
| --- | --- | --- |
| **PROGRAM*****Select only those that contributed funding or resources*** | **PERFORMER/FACILITY*****Select at least one (or more than one) of the elements below*** | **ADDITIONAL*****Select as appropriate*** |
| **ASCR** | **University***(includes non-profit academic institutions)* | **Technology Impact** |
| **BER** | **DOE Laboratory** | **Collaboration** |
| BER/BSSD | **Industry** | ARPA-E |
| BER/CESD | **User Facilities** | EERE |
| BER/BRCs | ASCR-NERSC | EM |
| **BES** | ASCR-ALCF | FE |
| BES/CSGB | ASCR-OLCF | NE |
| BES/MSE | ASCR-ESNET | NNSA |
| BES/SUF | BES-ALS | OE |
| BES/EFRCs | BES-APS | Non-DOE Interagency Collaboration |
| BES/Hubs | BES-LCLS | International Collaboration*(only select if foreign entity contributed funds)* |
| **FES** | BES-NSLS-II |  |
| **HEP** | BES-SSRL |  |
| **NP** | BES-HFIR |  |
|  | BES-SNS |  |
|  | BES-CFN |  |
|  | BES-CINT |  |
|  | BES-CNMS |  |
|  | BES-CNM |  |
|  | BES-Foundry |  |
|  | BER-EMSL |  |
|  | BER-ARM |  |
|  | BER-JGI |  |
|  | FES-DIIID |  |
|  | FES-NSTX-U |  |
|  | HEP-ATF |  |
|  | HEP-FermilabAC |  |
|  | HEP-FACET |  |
|  | NP-CEBAF |  |
|  | NP-ATLAS |  |
|  | NP-RHIC |  |