

<b>Fair Access to Science and Technology Research (FASTR) Act</b>	<b>White House OSTP Directive</b>
Identical bills introduced in the House and Senate February 14, 2013	Issued by the Office of Science and Technology Policy (OSTP) February 22, 2013
<b>Must be passed into law to take effect.</b>	<b>In effect as of February 22, 2013.</b>
Advantage: Permanence or longevity.	Advantage: certainty and speed.
Applies to agencies spending $\geq$ \$100M per year on extramural research (11 agencies).	Applies to agencies spending $\geq$ \$100M on research and development (11+ agencies).
<b>Gives agencies one year to develop policies.</b>	<b>Gives agencies six months to develop draft policies and procedures and support for finalizing policies.</b>
Gives agencies the freedom to select a repository.	Gives agencies the freedom to select a repository and encourages leveraging existing infrastructure (federal, university, etc.).
Requires agencies to coordinate policies.	Requires agencies to coordinate policies.
<b>Mandates public access to peer-reviewed articles.</b>	<b>Mandates public access to metadata, peer-reviewed articles, and data.</b>
	Requires public access to metadata immediately upon publication; format must ensure interoperability.
Requires deposit of the author's final peer-reviewed manuscript in a repository (green open access) <b>no later than six months after publication.</b> With publisher's consent, the author's version may be replaced with the published version.	Requires deposit of the author's final peer-reviewed manuscript in a repository (green open access) <b>no later than twelve months after publication.</b> <b>Stakeholders may petition to lengthen the embargo based on evidence of need.</b>
<b>Format and license must enable productive reuse, including computational analysis, through open licensing</b> [freedom-from-PDF clause to enable text-mining and computational analysis].	<b>Format and license must encourage creative reuse through public-private collaboration;</b> seems to discourage restrictions on commercial use.
	<b>Prohibits <i>unauthorized</i> mass redistribution</b> [could prohibit text mining or computational analysis].
Repository must provide open access, interoperability, and long-term preservation.	Repository must provide open access, interoperability, and long-term preservation.
Complies with intellectual property laws; does not amend copyright or patent law.	Complies with intellectual property laws; does not amend copyright or patent law.
<b>Requires annual report on the effectiveness of licensing terms of use and the suitability of using a CC-BY license.</b>	