



NCSES Disclosure Avoidance Process

Shaun Genter, Darius Singpurwalla, Heather Madray, NCSES

Kiegan Rice, Jennifer Taub, Sydney Bell, Alexander Haas, Jay Breidt, Julie Banks, Benjamin Reist, NORC

FCSM 2024 Conference, October 22nd – 24th

NATIONAL CENTER FOR SCIENCE AND ENGINEERING STATISTICS
U.S. NATIONAL SCIENCE FOUNDATION

Disclaimer

The views expressed in this presentation are those of the author and do not necessarily reflect the views of the National Center for Science and Engineering Statistics of the U.S. National Science Foundation.

This product has been reviewed for unauthorized disclosure of confidential information under NCSES-DRN24-072

A Little History

No standard process.

Reviews were conducted but a formal system was not in place.

Begin Process Work

Develop Disclosure Review Process and Documentation

Revamp Process

Concerns raised about undisclosed output shared during other internal review processes.

New Process In Place

Disclosure review occurs concurrently with drafting. Product certified at end of drafting.

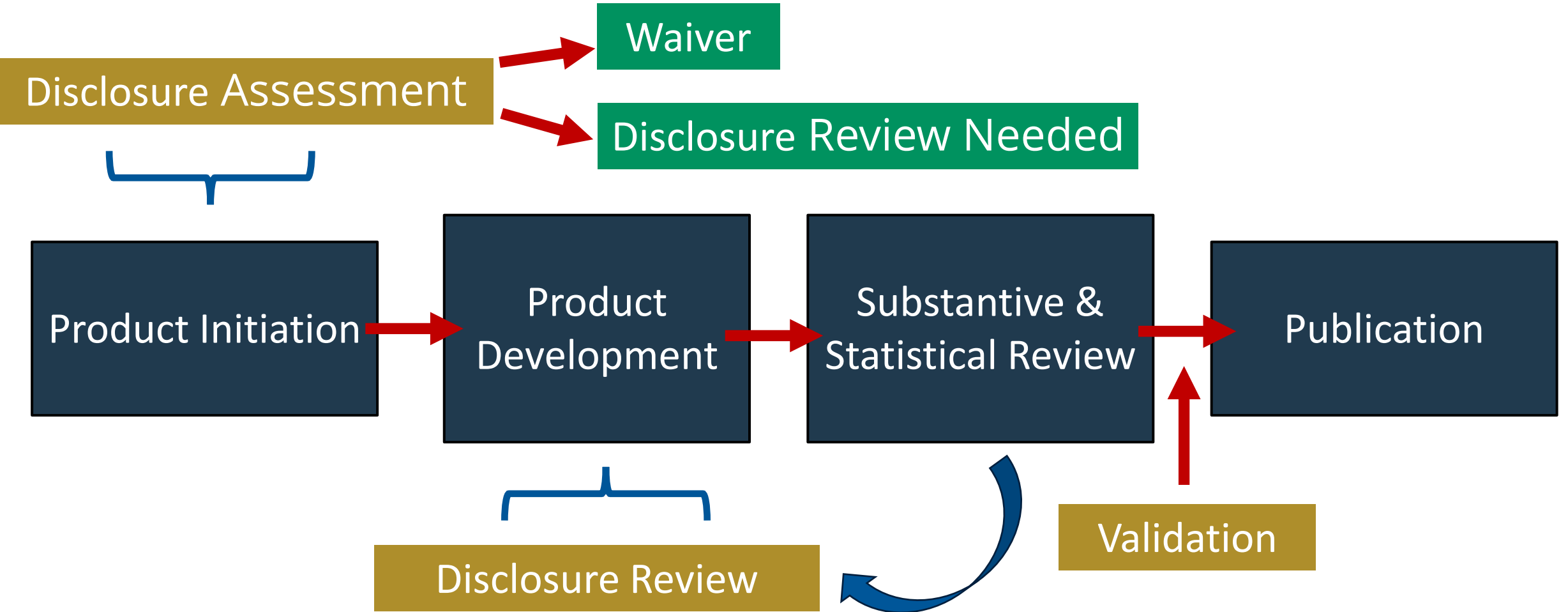
Pre-2023

April 2023

December 2023

September 2024

Process Overview



Summary: Really Very Simple

- Initial disclosure assessment at the time of product initiation
 - Product gets a waiver or needs review
- If a waiver is granted, authors will be given a temporary disclosure review number (DRN) and only need to come back to us if new data are added or at the validation stage.
- If review is needed, authors will work with our group to clear output as it is produced. Once cleared, a temporary DRN will be assigned and is used until the validation stage when the final number is issued.

Advantages

- Reduced risk of undisclosed output being shared with staff who do not have a business need to know or with anyone without CIPSEA designated agent status during product review
- Less rework - By working with staff during the drafting process we resolve any disclosure issues before significant investment
- Process has been successfully piloted since January of this year with over 70 DRNs issued thus far

Disclosure Assessment Tool

- Disclosure Assessment Tool (DAT) available for staff
 - Can be used to assist in assessing a product's need for disclosure protections and review at any point during a product's lifecycle
 - Can be used to communicate with our group at any step during the disclosure process

Disclosure Assessment Tool

INSTRUCTIONS

1. Describe Information Product
- 2. Provide Data Sources**
3. Indicate Data/Information Products Used
4. Indicate Planned Analyses
5. Generate Product Description Report
6. Author Validation
7. Generate Author Validation Report
8. FAQs
9. Initial Disclosure Decision Section
10. Final Disclosure Decision Section
11. Generate DACQA Report

Provide Data Sources

If you need to save in-progress work, please go to the 'Generate Product Description Report' section.

Public data assets

- Survey of Federal Funds for Research and Development**
- Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions**
- Survey of State Government Research and Development**
- Federal Facilities Research and Development Survey**
- FFRDC Research and Development Survey**
- Survey of Postdocs at Federally Funded Research and Development Centers**
- Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS)**

Disclosure Assessment Tool

Surveys that are protected by other agencies

- Nonprofit Research Activities Survey (NPRA)
- Business Research, Development, and Innovation Survey (BRDIS)
- Annual Business Survey (ABS)
- Business Research, Development, and Innovation Survey: Microbu
- Business Enterprise Research and Development Survey (BERD)
- National Survey of College Graduates (NSCG)
- National Training, Education, and Workforce Survey (NTEWS)

Disclosure Assessment Tool

Surveys with item-specific protections

- Survey of Science and Engineering Research Facilities (FACILITIES)
- Higher Education Research and Development Survey (HERD)

Surveys requiring disclosure review

- Survey of Earned Doctorates (SED)
- Survey of Doctorate Recipients (SDR)
- Early Career Doctorates Survey (ECDS)
- National Survey of Recent College Graduates (NSRCG)
- SESTAT Database

Documentation for Staff

- Disclosure Review Process Full Guide
- Disclosure Review Process Flow Chart Quick Guide with Data Source Reference Table
- Disclosure Assessment Tool Quick Guide



Shaun Genter: sgenter@nsf.gov
Heather Madray: hmadray@nsf.gov

 <https://ncses.nsf.gov>

in 