A silver fountain pen is shown in the foreground, resting on a document. The pen is angled diagonally across the frame. The document it rests on has some text and a signature, but it is out of focus. The background is a dark blue gradient with a faint grid pattern.

# Nomenclature and Award Number Formats

An Industry-wide Initiative  
of Scholarly Publishers

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U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science



# Funding Organization and Award Numbering for U.S. Agencies

## Goal

*To standardize funding information within the body of regular metadata collected by scholarly publications for submission to CrossRef.*

Currently, some funding agencies require researchers to acknowledge their support, but there are no standards on how this information is conveyed.

# An industry-wide initiative



CrossRef 'agency name'

To look at the whole chain:

- standard funding agency names,
- authors supplying funder name and grant number,
- publishers capturing the data in production workflows,
- depositing this data with CrossRef,
- displaying this information on published articles and
- disseminating the data back to funders and others

# Science.gov Agency Nomenclature

National Aeronautics and Space Administration (NASA)

National Science Foundation (NSF)

Smithsonian Institution

U.S. Agency for International Development (USAID)

U.S. Department of Agriculture (USDA)

U.S. Department of Commerce (DOC)

U.S. Department of Defense (DOD)

U.S. Department of Education (ED)

U.S. Department of Energy (DOE)

U.S. Department of Health and Human Services (HHS)

U.S. Department of Homeland Security (DHS)

U.S. Department of Justice (DOJ)

U.S. Department of the Interior (DOI)

U.S. Department of Transportation (DOT)

U.S. Environmental Protection Agency (EPA)

U.S. Government Printing Office (GPO)

U.S. Library of Congress (LOC)

U.S. National Archives and Records Administration (NARA)

U.S. Nuclear Regulatory Commission (NRC)





U.S. DEPARTMENT OF  
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## Sponsoring Offices Example: EERE

**USDOE**

### **Office of Energy Efficiency and Renewable Energy (EERE)**

EE Office of Technology Development

EE Office of Solar Energy Technology

EE Office of Wind and Hydropower Technologies

EE Office of Geothermal Technologies

EE Office of Biomass

EE Office of Industrial Technologies

EE Office of Vehicle Technologies

EE Office of Fuel Cell Technologies

EE Office of Building Technologies

EE Office of Weatherization and Intergovernmental Program

EE Office of Federal Energy Management

EE Office of Sustainability Performance

# National Science Foundation



## Sponsoring Offices Example: Office of Polar Programs

### **NSF Office of the Director**

#### **Office of Polar Programs**

Division of Arctic Sciences

Division of Antarctic Infrastructure and Logistics

Division of Antarctic Sciences

Office of Polar Environment, Health and Safety

# Award Number Formats

- Vary greatly by agency
- Central registry of “formats” was begun, but not all science agencies have submitted examples



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**Current Format:** DE-XXNNNNNNN

Example: DE-SC1234567

The “DE” = the Department of Energy. The “XX” is the 2-letter code for the Initiating Office, also known as the funding/sponsoring program (“SC” in the example). The “NNNNNNN” is a unique seven-digit sequential number.

**Previous Format:** (Prior to 2007)

Format: DE-XXNN-YYXXNNNNN.

Example: DE-FG02-06ER12345

**Format (since NSF was created in 1950): FYNNNNN**

Example: 1109576

The “FY” = Fiscal Year. The “NNNNN” is a unique five-digit sequential number.



## **Grants, Format since FY2001**

- 2 digits for fiscal year
- two letters for type of agreement
- two digits to represent the agency (11 for Forest Service)
- four digits for the issuing organization within the agency
- two digits for the sub-organization within that office that requested the agreement
- three digits to indicate the specific agreement



Example: 11CA11330143083:

11 Fiscal year 2011

CA Cooperative Agreement

11 Forest Service

3301 Southern Research Station Headquarters

43 Research Work Unit 4804

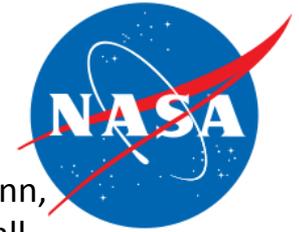
083 The 83rd cooperative agreement issued in FY2011 by SRS HQ

## **Contracts**

Example: AG-82FT-P-11-0037

AG is USDA, 82FT is Rocky Mountain Research Station, P is the type of instrument (P for purchase order--C would be a contract), and 0037 is the sequential number.

**The funding numbers now consist of exactly ten alpha-numeric characters as follows:**



- The first two are NN for NASA number.
- The third character designates the NASA Center providing the funding: A=Ames, C=Glenn, D=Dryden, G=Goddard, H=Headquarters, J=Johnson, K=Kennedy, L=Langley, M=Marshall, S=Stennis and X = NASA Shared Services Center.
- The fourth and fifth characters indicate the year in which the funding begins.
- Characters six through nine, two alphas and two digits, identify the action for the Center. Examples: AA01, AA02. AA99, AB01, AB02,...AZ99, BA01, BA02, etc through ZZ99.
- The tenth character is an alpha that indicate the type of action as follows:
  - A = cooperative agreement.
  - B = BOA, GWAC, or other indefinite delivery type of contract.
  - C = Contract (except for Facilities or indefinite delivery type of contract).
  - D = Delivery order or call against a supply contract.
  - F = Facilities contract.
  - G = Grant (other than training).
  - H = Training grant.
  - I = Intragovernmental transaction, i.e. a request to another Government agency to furnish supplies or services.
  - P = Purchase order (not including a call, task, or delivery order, even if referred to as purchase orders).
  - S = Space Act agreement.
  - T = Task order.
  - Z = BPA.

Example:    NN            G            04            AA01        C  
              NASA        Goddard    FY04        Serial No. 1 Contract

The approved current numbering scheme for NASA contracts may be found in the FAR in Part 1804, Subpart 1703 of <http://www.hq.nasa.gov/office/procurement/regs/> updated in March 2004.

# Metadata Standards: An Opportunity for CENDI

- Funding agency names and award number formats could be early “test”
- CENDI as a “community of practice” could play role with publishers and other stakeholders
- Comments or questions??