

# Package: awardFindR (via r-universe)

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**Type** Package

**Title** awardFindR

**Version** 1.0.1

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**Description** Queries a number of scientific awards databases. Collects relevant results based on keyword and date parameters, returns list of projects that fit those criteria as a data frame. Sources include: Arnold Ventures, Carnegie Corp, Federal RePORTER, Gates Foundation, MacArthur Foundation, Mellon Foundation, NEH, NIH, NSF, Open Philanthropy, Open Society Foundations, Rockefeller Foundation, Russell Sage Foundation, Robert Wood Johnson Foundation, Sloan Foundation, Social Science Research Council, John Templeton Foundation, and USASpending.gov.

**URL** <https://github.com/PESData/awardFindR>

**BugReports** <https://github.com/PESData/awardFindR/issues>

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Imports** rvest, xml2, readr, jsonlite, http

**RoxygenNote** 7.3.1

**Suggests** knitr, rmarkdown, testthat (>= 3.0.0), vcr, covr

**VignetteBuilder** knitr

**Depends** R (>= 2.10)

**Config/testthat/edition** 3

**Repository** <https://ropensci.r-universe.dev>

**RemoteUrl** <https://github.com/ropensci/awardFindR>

**RemoteRef** master

**RemoteSha** 373e455bf3e20754ad98bf9d512aefd9e4e839e7

Contents

create_templeton_df . . . . .	2
get_arnold . . . . .	3
get_carnegie . . . . .	3
get_gates . . . . .	4
get_macarthur . . . . .	5
get_mellon . . . . .	5
get_nih . . . . .	6
get_nsf . . . . .	7
get_ophil . . . . .	7
get_osociety . . . . .	8
get_rockefeller . . . . .	9
get_rsf . . . . .	9
get_rwjf . . . . .	10
get_sloan . . . . .	11
get_ssrc . . . . .	11
get_templeton . . . . .	12
get_usaspend . . . . .	13
search_awards . . . . .	13
<b>Index</b>	<b>15</b>

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create_templeton_df	<i>Scrape the Templeton grants database from html to a data.frame</i>
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Description

Scrape the Templeton grants database from html to a data.frame

Usage

create\_templeton\_df(verbose = FALSE)

Arguments

verbose            enable verbose HTTP messages. TRUE/FALSE, default: false

Value

A data.frame

Examples

## Not run: templeton <- create\_templeton\_df()

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get_arnold	<i>Get Arnold Foundations/Arnold Venture awards</i>
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**Description**

Get Arnold Foundations/Arnold Venture awards

**Usage**

```
get_arnold(keyword, from_year, to_year, verbose = FALSE)
```

**Arguments**

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
arnold <- get_arnold("qualitative", 2016, 2017)
```

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get_carnegie	<i>Search Carnegie awards</i>
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**Description**

Search Carnegie awards

**Usage**

```
get_carnegie(keyword, from_year, to_year, verbose = FALSE)
```

**Arguments**

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
## Not run:  
carnegie <- get_carnegie("qualitative data", 2016, 2017)  
  
## End(Not run)
```

---

get\_gates

*Query awards from the Bill & Melinda Gates Foundation*

---

**Description**

Query awards from the Bill & Melinda Gates Foundation

**Usage**

```
get_gates(keyword, from_year, to_year, verbose = FALSE)
```

**Arguments**

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
gates <- get_gates("qualitative", 2018, 2020)
```

---

get_macarthur	<i>Search MacArthur foundation for awards</i>
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---

**Description**

Search MacArthur foundation for awards

**Usage**

```
get_macarthur(keyword, from_year, to_year, verbose = FALSE)
```

**Arguments**

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
macarthur <- get_macarthur("qualitative",  
  "1999-01-01", "2020-01-01")
```

---

get_mellon	<i>Search the Andrew W. Mellon Foundation grant database</i>
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---

**Description**

Search the Andrew W. Mellon Foundation grant database

**Usage**

```
get_mellon(keyword, from_year, to_year, verbose = FALSE)
```

**Arguments**

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
mellon <- get_mellon("qualitative", 2013, 2021)
```

---

get_nih	<i>Search NIH RePORTER</i>
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**Description**

Search NIH RePORTER

**Usage**

```
get_nih(keyword, from_date, to_date, verbose = FALSE, payload = NULL)
```

**Arguments**

keyword	Keyword to query
from_date	Date object to begin search
to_date	Date object to end search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false
payload	A custom NIH search query object. Only for advanced purposes. default: null

**Value**

a data.frame

**Examples**

```
nih <- get_nih("ethnography", "2019-01-01", "2019-05-01")
```

---

get_nsf	<i>Search the NSF API for awards</i>
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**Description**

Search the NSF API for awards

**Usage**

```
get_nsf(keyword, from_date, to_date, verbose = FALSE, cfda = NULL)
```

**Arguments**

keyword	Keyword to query
from_date	Date object to begin search
to_date	Date object to end search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false
cfda	Comma-separated CFDA codes to include, default: all

**Value**

A data.frame

**Examples**

```
nsf <- get_nsf("ethnography", "2020-01-01", "2020-02-01")
```

---

get_ophil	<i>Grab the Open Philanthropy grants data search for keyword-date combos</i>
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---

**Description**

Grab the Open Philanthropy grants data search for keyword-date combos

**Usage**

```
get_ophil(keyword, from_year, to_year, verbose = FALSE)
```

**Arguments**

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

A data.frame

**Examples**

```
ophil <- get_ophil("qualitative", 2019, 2020)
```

---

get\_osociety

*Query and scrape Open Society foundation awards*

---

**Description**

Query and scrape Open Society foundation awards

**Usage**

```
get_osociety(keyword, from_year, to_year, verbose = FALSE)
```

**Arguments**

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
osociety <- get_osociety("qualitative", 2016, 2019)
```



---

get_rockefeller	<i>Search Rockefeller Foundation grants</i>
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**Description**

Search Rockefeller Foundation grants

**Usage**

```
get_rockefeller(keyword, from_date, to_date, verbose)
```

**Arguments**

keyword	Keyword to query
from_date	Date object to begin search
to_date	Date object to end search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
## Not run:  
rockefeller <- get_rockefeller("test", "2012-01-01", "2021-01-01")  
  
## End(Not run)
```

---

get_rsf	<i>Get Russell Sage foundation awards</i>
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---

**Description**

Get Russell Sage foundation awards

**Usage**

```
get_rsf(keyword, verbose = FALSE)
```

**Arguments**

keyword	Keyword to query, single string
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
## Not run: rsf <- get_rsf("ethnography")
```

---

get\_rwjf

*Get Robert Wood Johnson foundation awards*

---

**Description**

Get Robert Wood Johnson foundation awards

**Usage**

```
get_rwjf(keyword, from_year, to_year, verbose = FALSE)
```

**Arguments**

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
rwjf <- get_rwjf("qualitative data analysis", 2014, 2014)
```

---

get_sloan	<i>Search for a set of keywords in the Sloan grants database.</i>
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### Description

Search for a set of keywords in the Sloan grants database.

### Usage

```
get_sloan(keyword, from_year, to_year, verbose = FALSE, grantee = FALSE)
```

### Arguments

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false
grantee	Use the web-based search function instead of an internal grep(), ideal for searching names

### Value

A data.frame

### Examples

```
## Not run:
sloan <- get_sloan("case studies", 2018, 2020)

## End(Not run)
```

---

get_ssrc	<i>Search SSRC fellowships and grants by keyword and date Note: API limitations prevent returning more than 1000 results.</i>
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---

### Description

Search SSRC fellowships and grants by keyword and date Note: API limitations prevent returning more than 1000 results.

### Usage

```
get_ssrc(keyword, from_year, to_year, verbose = FALSE, totals = FALSE)
```

**Arguments**

keyword	Keyword to query
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false
totals	Only return the total number of results, not a table

**Value**

a data.frame

**Examples**

```
## Not run: ssrc <- get_ssrc("qualitative", 2015, 2016)
```

---

get_templeton	<i>Search for a set of keywords in the Templeton grants database.</i>
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---

**Description**

Search for a set of keywords in the Templeton grants database.

**Usage**

```
get_templeton(keywords, from_year, to_year, verbose = FALSE)
```

**Arguments**

keywords	Vector of strings to search
from_year	Beginning year to search
to_year	Ending year to search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

A data.frame

**Examples**

```
## Not run:
templeton <- get_templeton(c("qualitative data", "case studies"), 2018, 2020)

## End(Not run)
```

---

get_usaspend	<i>Search the USAspending database</i>
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**Description**

Search the USAspending database

**Usage**

```
get_usaspend(keywords, from_date, to_date, verbose)
```

**Arguments**

keywords	Vector of strings to search
from_date	Date object to begin search
to_date	Date object to end search
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
## Not run:  
results <- usaspend_get(c("qualitative", "interview"),  
  "2019-01-01", "2020-01-01")  
  
## End(Not run)
```

---

search_awards	<i>awardFindR grant search</i>
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**Description**

Query a collection of online grant databases for awards. These queries can be limited by keyword, source and date terms.

**Usage**

```
search_awards(
  keywords,
  sources = c("arnold", "carnegie", "gates", "macarthur", "mellon", "nih", "nsf",
    "ophil", "osociety", "rockefeller", "rsf", "rwjf", "sloan", "ssrc", "templeton",
    "usaspending"),
  from_date = "2019-01-01",
  to_date = Sys.Date(),
  verbose = FALSE
)
```

**Arguments**

keywords	Path to keywords csv file (1 term per line) or vector.
sources	A vector of sources to pull from. Default: all
from_date	A date object to limit the search, defaults to Jan 1 2019
to_date	A date object to limit the search, defaults to today
verbose	enable verbose HTTP messages. TRUE/FALSE, default: false

**Value**

a data.frame

**Examples**

```
# Results for "ethnography" from NSF between 1/1 and 2/1 2020
## Not run: awards <- search_awards("ethnography", "nsf",
  "2020-01-01", "2020-02-01")
## End(Not run)

# More intensive queries
## Not run:
# Specific keywords, all sources:
specific <- search_awards(keywords=c("ethnography", "case studies"))

# Specific keyword, all sources, specific date range:
five_years <- search_awards(keywords="qualitative",
  from_date="2015-01-01", to_date="2020-01-01")

## End(Not run)
```

# Index

`create_templeton_df`, [2](#)

`get_arnold`, [3](#)

`get_carnegie`, [3](#)

`get_gates`, [4](#)

`get_macarthur`, [5](#)

`get_mellon`, [5](#)

`get_nih`, [6](#)

`get_nsf`, [7](#)

`get_ophil`, [7](#)

`get_osociety`, [8](#)

`get_rockefeller`, [9](#)

`get_rsf`, [9](#)

`get_rwjf`, [10](#)

`get_sloan`, [11](#)

`get_ssrc`, [11](#)

`get_templeton`, [12](#)

`get_usaspend`, [13](#)

`search_awards`, [13](#)