V1.6

Date: November 27, 2024

Realtime Data API: Report activity information for a faculty.

> **Commented [1]:** Consider specifying how we will authenticate (JWT? HTTP Basic Auth?) and whether there are differing levels of authorization. For instance can a school-level user use the API and receive just their school data? I suspect not, but think it would be good to spell out this limitation in this document.

EXP.10 FACULTY_INFO Retrieve the faculty reported information for a fiscal year

Endpoint: /export/app/facultyInfo/ucpathID/${ucpath_id}/${fiscal_year}
        /export/app/facultyInfo/email/${email}/${fiscal_year}
        /export/app/facultyInfo/campusID/${campusID}/${fiscal_year}

Input: ucpath_id – UCPATH employee ID   fiscal_year – fiscal year – i.e 2019-2020, 2020-2021 Output: JSON
FacultyInfo: **FD-JSON** - see responses appendix

> **Commented [2]:** It can be difficult to know all employee IDs that have been entered into OATS. UCI has fairly complex filters in place to ensure only those who are eligible for CoC are imported. Consider adding another "index" API that simply returns a list of employee IDs for a given fiscal year.

EXP.20 FACULTY_ANNUAL_CERTIFICATIONS – The list of annual certifications submitted by faculty

Endpoint: /export/app/faculty/AnnualCertifications/ucPathID/${ucpath_id}
        /export/app/faculty/AnnualCertifications/email/${email}
        /export /app/facultyInfo/campusID/${campusID}/${fiscal_year}

Method: GET Input: ucpath_id - the UCPath employee ID Output: JSON

Preliminary Structure:
    facultyInfo
        campusID:
        ucPathID:
        firstName
        lastName
    annualCertificationList:

> **Commented [4]:** Consider replacing with `emp_id` to match the Input variable name below.

> **Commented [5]:** Consider including employee ID as a key here as mentioned above.

primaryUnitCode	primaryUnitTitle	secondaryUnitCodeList	policyName	fiscalYear	formStatus	queueLabel	submittedDate	dueDate
1520	Anesthesiology		APM671	2017-2018	Accepted		11/01/2018	12/28/2018
1520	Anesthesiology		APM671	2018-2019	In Process	Chair	10/10/2019	12/28/2019

	1520	Anesthesiology		APM671	2019-2020	Not Submitted	faculty		12/28/2020

EXP.25 ALL_FACULTY_IN_FISCAL_YEAR – All faculty within a fiscal year

Endpoint: /export/app/faculty/${fiscal_year}

Method: GET
Input: fiscal_year – Fiscal year
Output: JSON formatted file

snapshotDate: "08/01/2020 22:23:00",
facultyCount: 21 ,
campusCode: "UCLA",
facultyList: (+)

firstName	lastName	Email	policyName	ucPathID	facultyTagList	employmentStatus	primaryUnitCode	secondaryUnitCodeList
Jill	Doe	jdoe@uc.edu	APM671	XYZ12345	["onleave"]	Active	1002	["12342","23423",..]

EXP.30 ALL_FACULTY_COI_ACTIVITY – All faculty and their reported COI activities for a fiscal year. The Category I forms will display additional fields.

Endpoint /export/app/activities/cat1-with-coi/${fiscal_year}

- Method: GET
- Input : fiscal_year – the fiscal year (e.g. 2019-2020), reported_date_range_begin (e.g. 09/12/2019), reported_date_range_end (e.g. 11/11/2019), cat1_form_status ("accepted", "not submitted" or "in process")
- Output : JSON formatted file

facultyCount: 20 ,
facultyList: (+) [**FDC-JSON(1), FDC-JSON(2), …, FDC-JSON(20)**] – see response appendex

Batch Data API – The purpose is for large data set analysis such as Data Warehouse tools. Data are published on a regular basis.

EXP.40 ALL_FACULTY_ACTIVITY – All Faculty information and their reported activities for a fiscal year. Data will be updated on a weekly basis

Endpoint /export/app/batch/faculty/activity/${fiscal_year}

- Method: GET
- Input: fiscal_year - the fiscal year (e.g. 2019-2020)
- Output: file - JSON format
- Notes: Fiscal year four years and older will be not be regenerated on a weekly basis. For example, if the current fiscal year is 2022-2023, then the last refresh of FY 2018-19 data is the last week of 6/2019.

  snapshotDate: "11-01-2020 23:59:59",
  facultyCount: 20 ,
  facultyList: (+) [**FD-JSON**(1), **FD-JSON**(2) … **FD-JSON**(20)] – see response appendix

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EXP.50 ALL_FACULTY_ACTIVITY_EFFORT – All faculty and their reported activities and effort information for a fiscal year. Data will be updated on a weekly basis.

Endpoint /export/app/batch/facultyActivityEffort/${fiscal_year}

- Method: GET
- Input : fiscal_year – the fiscal year (e.g. 2019-2020)
- Output : file - JSON format
- Notes: Fiscal year four years and older will be not be regenerated on a weekly basis. For example, if the current fiscal year is 2022-2023, then the last refresh FY 2018-19 data is the last week of 6/2019.

  snapshotDate: "11-01-2020 23:59:59",
  facultyCount: 20 ,
  facultyList: (+) [**FDE-JSON(1), FDE-JSON(2), …, FDE-JSON(20)**] – see response appendex

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EXP.60 ALL_FACULTY_ANNUAL_CERTIFICATION –all faculty annual certifications for a fiscal year

Endpoint /export/app/allFaculty/annualCertification/${fiscal_year}

- Method: GET
- Input: fiscal_year – the fiscal year (e.g. 2019-2020)
- Output: file – JSON format
- Notes: Fiscal year four years and older will be not be regenerated on a weekly basis. For example, if the current fiscal year is 2022-2023, then the last refresh FY 2018-19 data is the last week of 6/2019.

-

"snapshotDate": "06/01/2019 23:44:00",
"fiscalYear": "2019-2020",
"facultyList": (+)

ucPathID	Email	firstName	lastName	formStatus	policyName	queueLabel	Prima UnitTi
12345678	afaculty@uc.edu	Another	Faculty	In Process	APM025	Chair	Physio

---

EXP.70 ALL_FACULTY_COI_ACTIVITY_FULL – All faculty and their reported COI activities with all of their fields for a fiscal year. The Category I forms will display additional fields. Data will be updated on a weekly basis.

Endpoint /export/app/batch/activity/cat1-coi-full/${fiscal_year}

● Method: GET
● Input : fiscal_year – the fiscal year (e.g. 2019-2020)
● Output : file - JSON format
● Notes: Fiscal year four years and older will be not be regenerated on a weekly basis. For example, if the current fiscal year is 2022-2023, then the last refresh FY 2018-19 data is the last week of 6/2019.

snapshotDate: "11-01-2020 23:59:59",
campusCode: ucla,
facultyCount: 20 ,
facultyList: (+) [**FDCF-JSON(1), FDCF-JSON(2), …, FDCF-JSON(20)**] – see response appendex

Fields and set of values:

Field	Description	Values
formStatus	Form/AC Status	"accepted", "not submitted" – form is not created (AC – if there is an appointment) or form is not submitted by faculty, "in process" – this includes the case where a form is sent back to the faculty.
queueLabel	Form is in whose work queue	The work queue that the form is in. The values will be based on the custom campus staff labels.
employmentStatus	The faculty employment status	"A" => active, "S" – separated

facultyStatusTagList	The status tags for a faculty.	"onleave" – faculty is onleave, "notInGoodStanding" – faculty is not in good standing. These are the only two faculty status as of 8/14/2020.
facultyType	The faculty type – either academic or fiscaly	"Academic" – academic year , "Fiscal" – fiscal year

RESPONSES

FacultyDetail (FD-JSON)

firstName: "Rebecca",
lastName: "Faculty",
email: "rfaculty@uc.edu",
UID : "000000000",
ucPathID: "12345678" ,
employmentStatus: "A",
separationDate: "",
primaryUnitCode: "00023" ,
secondaryUnitCodeList: [] ,
facultyStatusTagList : ["onleave"],
policyName: "APM025" ,
timeThreshold: "312" ,
incomeThreshold: "40,000.00",
activityList: (+)

Label	category	timeEntered (hours)	Time over TH	IncomeEntered	Income over TH	formList
Xyz	1	2.25	1	15,000.00	0	(+)

formList:

formID	Form	formStatus	queueLabel	lastUp
234	Category 1	Not Submitted	faculty	04/20,
9999	Exceeding TH	Accepted		04/20,
2323	Retaining Earning	In Process	Academic Personnel Reviewer	04/20,

FacultyDetailWithEffort (FDE-JSON)

firstName: "Rebecca",
lastName: "Faculty",
email: "rfaculty@uc.edu",
UID : "000000000",
ucPathID: "12345678" ,
employmentStatus: "A",
separationDate: "",
primaryUnitCode: "00023" ,
secondaryUnitCodeList: [] ,
facultyStatusTagList : ["onleave"],
policyName: "APM025" ,
facultyType: "Academic",
timeThreshold: "312" ,
incomeThreshold: "40,000.00",
activityList: (+)

Label	category	timeEntered (hours)	Time over TH	IncomeEntered	Income over TH	formList	IncomeEffortList
Xyz	1	2.25	1	15,000.00	0	(+)	(+)

formList: (+)

formID	Form	formStatus	queueLabel	lastUp
234	Category 1	Not Submitted	faculty	04/20,
9999	Exceeding TH	Accepted		04/20,
2323	Retaining Earning	In Process	Academic Personnel Reviewer	04/20,

incomeEffortList: (+)

renumeration Type	stockInfo	numHours	startDate	isPodium Hours	endDate	isCompensated	Amount
Stock as Compensation	{ numShares: 3, receiptDate: "06/20/2020", pricePerShareAtTimeOfReceipt: "23.00" }	2.25	06/03/2019	No	06/13/2019	No	

Commented [10]: Consider including employee ID, even though it's an input parameter. This will help us avoid having to "splice in" employee ID after doing the query. Just a convenience, not mandatory in any way.

Commented [11]: This is where I unfortunately am not the best person to ask. I can imagine folks wanting more information to determine where the slowdowns occur in the process.

Commented [12]: This is where I unfortunately am not the best person to ask. I can imagine folks wanting more information to determine where the slowdowns occur in the process.

Commented [13]: This is where I unfortunately am not the best person to ask. I can imagine folks wanting more information to determine where the slowdowns occur in the process.

```
stockInfo: (renumation type =  Stock as Compenstation)
     numShares:
     receiptDate:
     pricePerShareAtTimeOfReceipt:

stockInfo: (renumeration type =  Stock Purchase Agreement )
     purchaseDate:
    purchasePricePerShare:
    fairMarketValueAtTimeOfPurchase:
    amountAgainstThreshold:

 stockInfo : (renumeration type =  Stock options)
     numShares:
     optionOfferDate:
     exercisePricePerShare:
     fairMarketValueAtTimeOfDisclosure:
    amountAgainstThreshold:
```

FacultyCOIDetail (FDC-JSON)

```
firstName:  "Rebecca",
lastName:  "Faculty",
email:  "rfaculty@uc.edu",
campusID:  "000000000",
ucPathID: "12345678",
fiscalYear: "2024",
activityList: (+)
```

> **Commented [14]:** Consider including employee ID, even though it's an input parameter. This will help us avoid having to "splice in" employee ID after doing the query. Just a convenience, not mandatory in any way.

activityID	label	category	activityTypeList	organizationName	description	type	creationDate	timeEntered (hours)
1387348	Xyz	cat1	Research outside the University (Cat. 1)	Test Organization	This is a just a sample activity	For Profit	03/13/2024 09:20:00	2.25

formList:

formID	Form	formStatus	queueLabel	lastUpdated	endDateApprove	startDateSeeking	endDateSeeking

234	Category 1	Not Submitted	faculty	04/20/2020 13:02:00		03/27/2024	06/30/2024
9999	Exceeding TH	Accepted		04/20/2020 13:02:00	04/20/2020 13:02:00		
2323	Retaining Earning	In Process	Academic Personnel Reviewer	04/20/2020 14:02:00			

FacultyCOIFullDetail (FDCF-JSON)

firstName: "Rebecca",
lastName: "Faculty",
email: "rfaculty@uc.edu",
campusID: "000000000",
ucPathID: "12345678",
fiscalYear: "2024",
activityList: (+)

activityID	label	category	activityTypeList	organizationName	description	type	creationDate	timeEntered (hours)
1387348	Xyz	cat1	Research outside the University (Cat. 1)	Test Organization	This is a just a sample activity	For Profit	03/13/2024 09:20:00	2.25

formList:

formID	Form	formStatus	queueLabel	lastUpdated	endDateApprove	startDateSeeking	endDateSeeking	personOrEntityDescription	companyWebsites
234	Category 1	Not Submitted	faculty	04/20/2020 13:02:00		03/27/2024	06/30/2024	This for is just a sample	https://www.s.test/
9999	Exceeding TH	Accepted		04/20/2020 13:02:00	04/20/2020 13:02:00				

2323	Retaining Earning	In Process	Academic Personnel Reviewer	04/20/2020 14:02:00					

leaveStartDate	leaveEndDate	engagedBeforePermissionFaculty	engagedBeforePermissionStaff	
03/17/2020	05/17/2020	t	f	

SAMPLE RESPONSES:

EXP.10 FACULTY_INFO Response

```
{
    "response_code": "Ok",
    "response_message": "ws faculty info run successfully",
    "response_body": {
        "firstName": "Demo",
        "lastName": "Faculty",
        "email": "dfaculty@ucla.edu",
        "UID": "44432222",
        "UCPathID": "1234578",
        "employmentStatus": "A",
        "separationDate": "",
        "primaryUnitCode": "D0145",
        "secondaryUnitCodeList": [],
        "facultyStatusTagList": [
            "onleave"
        ],
        "policyName": "025",
        "timeThreshold": "312",
        "incomeThreshold": "40000",
        "activityList": [
            {
                "label": "Amazon Web Services",
                "category": "cat1",
                "timeEntered": "0.00",
                "timeOverTH": "",
                "incomeEntered": "0.00",
                "incomeOverTh": "",
                "formList": [
                    {
                        "formID": "3236",
                        "Form": "cat1",
                        "formStatus": "Not Submitted",
                        "queueLabel": "faculty",
                        "lastUpdated": "04/02/2020"
                    }
                ]
            }
        ]
    }
}
```

EXP.20 FACULTY_ANNUAL_CERTIFICATIONS Response

```
{
    "response_code": "Ok",
    "response_message": "ws annual certification list run successfully",
    "response_body": {
            "facultyInfo": {
                "UID": "2342342",
                "UCPathID": "12345678",
                "firstName": "Demo",
                "lastName": "Faculty"
            },
```

```
        "annualCertificationList": [
            {
                "primaryUnitCode": "V1610",
                "primaryUnitTitle": "OPHTHALMOLOGY",
                "policyName": "671",
                "fiscalYear": "2020-2021",
                "status": "Not Submitted",
                "dueDate": "10/31/2021",
                "submittedDate": "",
                "secondaryUnitCodeList": []
            }
        ]
    }
}
```

EXP.25 ALL_FACULTY_IN_FISCAL_YEAR File Content

```
{
        "snapshotDate": "08/26/2020 09:59:27",
        "facultyList": [{
                "firstName": "Demo",
                "lastName": "Faculty",
                "email": "dfaulty.ucla.edu",
                "policyName": "025",
                "UCPathID": "12345678",
                "facultyTagList": [],
                "employmentStatus": "A",
                "primaryUnitCode": "D0145",
                "secondaryUnitCodeList": []
        },
        ……]
}
```

EXP 30 ALL_FACULTY_COI_ACTIVITY - File Content

```
{
    "response_code": "Ok",
    "response_message": "ws faculty with coi info run successfully",
    "response_body": {
        {
            "facultyCount": "1",
            "facultyList": [
                {
                    "firstName": "James",
                    "lastName": "Bourgeois",
                    "email": "jbourgeois@ucdavis.edu",
                    "campusID": "",
                    "UCPathID": "10210426",
                    "fiscalYear": "2024",
                    "activityList": [
                        {
                            "activityID": "7850330",
                            "label": "Test 2",
                            "category": "cat1",
```

```
                            "activityTypeList": [
                                "Honorary, visiting, adjunct, or other instit
utional appointment (either compensated or uncompensated) at an institution (
Cat. 1)"
                            ],
                            "organizationName": "Test 2",
                            "description": "egeg",
                            "type": "For Profit",
                            "creationDate": "11/06/2024 16:07:53",
                            "timeEntered": "0.00",
                            "timeOverTH": "",
                            "incomeEntered": "0.00",
                            "incomeOverTh": "",
                            "formList": [
                                {
                                    "formID": "116938",
                                    "Form": "student_invmnt",
                                    "formStatus": "Not Submitted",
                                    "queueLabel": "Faculty",
                                    "lastUpdated": "11/06/2024",
                                    "startDateSeeking": "11/06/2024",
                                    "endDateSeeking": "06/30/2025",
                                    "endDateApprove": ""
                                },
                                {
                                    "formID": "116937",
                                    "Form": "cat1",
                                    "formStatus": "Not Submitted",
                                    "queueLabel": "Faculty",
                                    "lastUpdated": "11/06/2024",
                                    "startDateSeeking": "11/06/2024",
                                    "endDateSeeking": "06/30/2025",
                                    "endDateApprove": ""
                                }
                            ]
                        }
                    ]
                }
            ]
        }
    }
}
```

EXP.40 ALL_FACULTY_ACTIVITY File Content

```
{
      "snapshotDate": "08/26/2020 13:55:44",
      "facultyCount": "4066",
      "facultyList": [{
            "firstName": "Demo",
            "lastName": "Faculty",
            "email": "defaulty.ucla.edu",
            "UID": "23222222",
            "UCPathID": "12345678",
```

```json
        "employmentStatus": "A",
        "separationDate": "",
        "primaryUnitCode": "D0145",
        "secondaryUnitCodeList": [],
        "facultyStatusTagList": [],
        "policyName": "025",
        "timeThreshold": "312",
        "incomeThreshold": "40000",
        "activityList": [{
                "label": "Atari Co-Founder",
                "category": "cat1",
                "timeEntered": "11.00",
                "timeOverTH": "",
                "incomeEntered": "0.00",
                "incomeOverTh": "",
                "formList": [{
                        "formID": "2216431",
                        "Form": "cat1",
                        "Status": "Not Submitted",
                        "lastUpdated": "03/02/2020"
                }]
        }]
    }], …..
}
```

EXP.50 ALL_FACULTY_ACTIVITY_EFFORT File Content

```json
{
        "snapshotDate": "08/26/2020 13:52:08",
        "facultyCount": "4066",
        "facultyList": [{
                "firstName": "Demo",
                "lastName": "Faculty",
                "email": "dfaculty@ucla.edu",
                "UID": "11111111",
                "UCPathID": "12345678",
                "employmentStatus": "A",
                "separationDate": "",
                "primaryUnitCode": "D016M",
                "secondaryUnitCodeList": [],
                "facultyStatusTagList": [],
                "policyName": "025",
                "timeThreshold": "312",
                "incomeThreshold": "40000",
                "activityList": [{
                        "label": "Atari Co-Founder",
                        "category": "cat1",
                        "timeEntered": "11.00",
                        "timeOverTH": "",
                        "incomeEntered": "0.00",
                        "incomeOverTh": "",
                        "formList": [{
                                "formID": "1116431",
                                "Form": "cat1",
```

```
                        "formStatus": "Not Submitted",
                        "queueLabel": "faculty",
                        "lastUpdated": "03/02/2020"
                }],
                "incomeEffortList": [{
                        "renumerationType": "Uncompensated",
                        "stockInfo": {},
                        "numHours": "1.00",
                        "startDate": "2020-06-20",
                        "isPodiumHours": "No",
                        "endDate": "2020-06-30",
                        "isCompensated": "No",
                        "Amount": "0.00"
                }, {
                        "renumerationType": "Uncompensated",
                        "stockInfo": {},
                        "numHours": "10.00",
                        "startDate": "2020-02-01",
                        "isPodiumHours": "No",
                        "endDate": "2020-06-14",
                        "isCompensated": "No",
                        "Amount": "0.00"
                }]
        }, {
                "label": "Apple Inc",
                "category": "cat2",
                "timeEntered": "21.00",
                "timeOverTH": "",
                "incomeEntered": "0.00",
                "incomeOverTh": "",
                "formList": [],
                "incomeEffortList": [{
                        "renumerationType": "Uncompensated",
                        "stockInfo": {},
                        "numHours": "2.00",
                        "startDate": "2020-06-18",
                        "isPodiumHours": "No",
                        "endDate": "2020-06-30",
                        "isCompensated": "No",
                        "Amount": "0.00"
                }, {
                        "renumerationType": "Uncompensated",
                        "stockInfo": {},
                        "numHours": "19.00",
                        "startDate": "2020-02-01",
                        "isPodiumHours": "No",
                        "endDate": "2020-06-14",
                        "isCompensated": "No",
                        "Amount": "0.00"
                }]
        }]
   } , ….
  ]
}
```

EXP 60 ALL_FACULTY_ANNUAL_CERTIFICATION - File Content

```
{
      "snapshotDate": "08/28/2020 08:43:37",
      "fiscalYear": "2019-2020",
      "facultyList": [{
            "ucPathID": "12345678",
            "email": "dfaculty@ucla.edu",
            "firstName": "Demo",
            "lastName": "Faculty",
            "formStatus": "Not Submitted",
            "policyName": "025",
            "primaryUnitCode": "L0125",
            "primaryUnitTitle": "Department of Demo",
            "submittedDate": "",
            "dueDate": "09/30/2020",
            "secondaryUnitCodeList": []
      }, {
            "ucPathID": "876754321",
            "email": "afacultyucla.edu",
            "firstName": "Another",
            "lastName": "Faculty",
            "formStatus": "Not Submitted",
            "policyName": "025",
            "primaryUnitCode": "D0163",
            "primaryUnitTitle": "Department of Electrical and Computer
Engineering",
            "submittedDate": "",
            "dueDate": "09/30/2020",
            "secondaryUnitCodeList": []
      } , …]
}
```

EXP 70 ALL_FACULTY_COI_ACTIVITY_FULL - File Content

```
{
    "snapshotDate": "11/27/2024 14:20:58",
    "campusCode": "ucd",
    "facultyCount": "1",
    "facultyList": [
        {
            "firstName": "James",
            "lastName": "Bourgeois",
            "email": "jbourgeois@ucdavis.edu",
            "campusID": "",
            "UCPathID": "10210426",
            "fiscalYear": "2024",
            "activityList": [
                {
                    "activityID": "7850330",
                    "label": "Test 2",
                    "category": "cat1",
                    "activityTypeList": [
                        "Honorary, visiting, adjunct, or other institutional
appointment (either compensated or uncompensated) at an institution (Cat. 1)"
                    ],
                    "organizationName": "Test 2",
                    "description": "egeg",
```

```
"type": "For Profit",
"creationDate": "11/06/2024 16:07:53",
"timeEntered": "0.00",
"timeOverTH": "",
"incomeEntered": "0.00",
"incomeOverTh": "",
"ipUcUsage": "",
"ipUcConsult": "",
"ipUcConsultStatus": "",
"ipOutsideCreation": "",
"ipOutsideInvention": "",
"formList": [
    {
        "formID": "116938",
        "Form": "student_invmnt",
        "formStatus": "Not Submitted",
        "queueLabel": "Faculty",
        "lastUpdated": "11/06/2024",
        "endDateApprove": ""
    },
    {
        "formID": "116937",
        "Form": "cat1",
        "formStatus": "Not Submitted",
        "queueLabel": "Faculty",
        "lastUpdated": "11/06/2024",
        "endDateApprove": "",
        "startDateSeeking": "11/06/2024",
        "endDateSeeking": "06/30/2025",
        "personOrEntityDescription": "",
        "companyWebAddress": "",
        "nonUsGrantSupport": "",
        "nonUsInkind": "",
        "nonUsInkindDescription": "",
        "orgRolesList": [],
        "natureOfParticipationDescription": "",
        "estimatedNumberOfHoursDuringAnnualPeriod": "",
        "fullOrPartTimeLeave": "",
        "leaveStartDate": "",
        "leaveEndDate": "",
        "engagedBeforePermissionFaculty": "",
        "engagedBeforePermissionStaff": ""
    }
]
            }
        ]
    }
]
}
```