

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:																											
<pre> facultyInfo campusID: ucPathID: firstName lastName annualCertificationList: </pre>																											
<table border="1"> <thead> <tr> <th>primaryUnitCode</th> <th>primaryUnit Title</th> <th>secondaryUnitCodeList</th> <th>policyName</th> <th>fiscalYear</th> <th>formStatus</th> <th>queueLabel</th> <th>submittedDate</th> <th>dueDate</th> </tr> </thead> <tbody> <tr> <td>1520</td> <td>Anesthesiology</td> <td></td> <td>APM671</td> <td>2017-2018</td> <td>Accepted</td> <td></td> <td>11/01/2018</td> <td>12/28/2018</td> </tr> <tr> <td>1520</td> <td>Anesthesiology</td> <td></td> <td>APM671</td> <td>2018-2019</td> <td>In Process</td> <td>Chair</td> <td>10/10/2019</td> <td>12/28/2019</td> </tr> </tbody> </table>	primaryUnitCode	primaryUnit Title	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
primaryUnitCode	primaryUnit Title	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																			

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.

1520	Anesthesiology		APM671	2019-2020	Not Submitted	faculty		12/28/2020
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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	ucPat hID	faculty TagList	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}								
<ul style="list-style-type: none"> 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 appendix								

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}
<ul style="list-style-type: none"> ● 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

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}
<ul style="list-style-type: none"> ● 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 appendix

EXP.60 ALL_FACULTY_ANNUAL_CERTIFICATION –all faculty annual certifications for a fiscal year	
Endpoint /export/app/allFaculty/annualCertification/\${fiscal_year}	
<ul style="list-style-type: none"> ● 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	Primary Unit Title
12345678	afaculty@uc.edu	Another	Faculty	In Process	APM025	Chair	Physic

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 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 appendix

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: (+)

Commented [6]: 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.

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

Commented [7]: 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 [8]: 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 [9]: 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.

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: (+)

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.

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

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.

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 [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.

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: (+)

Commented [15]: 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	endDateApproved	startDateSeeing	endDateSeeing	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.test/
9999	Exceeding TH	Accepted		04/20/2020 13:02:00	04/20/2020 13:02:00				

2323	Retain ing Earning	In Process	Academi c Personn el Reviewer	04/20/20 20 14:02:00					
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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": "dfaculty.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",
            }
          ]
        }
      ]
    }
  }
}

```



```

    "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

```

{
  "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": ""
  }
]
}
]
```