

UCOATS Data Read API

V1.4

Date: August 27, 2020

Realtime Data API: Report activity information for a faculty.

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

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:

primaryUnitCode	primaryUnitTitle	secondaryUnitCodeList	policyName	fiscalYear	formStatus	submittedDate	dueDate
1520	Anesthesiology		APM671	2017-2018	Accepted	11/01/2018	12/28/2018
1520	Anesthesiology		APM671	2018-2019	In Process	10/10/2019	12/28/2019
1520	Anesthesiology		APM671	2019-2020	Not Submitted		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 ,

facultyList: (+)

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

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

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 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.
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	lastUpdated
234	Category 1	Not Submitted	04/20/2020 13:02:00
9999	Exceeding TH	Accepted	04/20/2020 13:02:00
2323	Retaining Earning	In Process	04/20/2020 14:02:00

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	lastUpdated
234	Category 1	Not Submitted	04/20/2020 13:02:00
9999	Exceeding TH	Accepted	04/20/2020 13:02:00
2323	Retaining Earning	In Process	04/20/2020 14:02:00

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	

stockInfo: (renumeration type = Stock as Compensation)

numShares:

receiptDate:

pricePerShareAtTimeOfReceipt:

stockInfo: (renumeration type = Stock Purchase Agreement)

purchaseDate:

purchasePricePerShare:

fairMarketValueAtTimeOfPurchase:

amountAgainstThreshold:

stockInfo : (renumeration type = Stock options)

numShares:

optionOfferDate:

exercisePricePerShare:

fairMarketValueAtTimeOfDisclosure:

amountAgainstThreshold:

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",
            "Status": "Not Submitted",
            "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.40 ALL_FACULTY_ACTIVITY File Content

```
{
  "snapshotDate": "08/26/2020 13:55:44",
  "facultyCount": "4066",
  "facultyList": [{
    "firstName": "Demo",
    "lastName": "Faculty",
    "email": "defauldy.ucla.edu",
    "UID": "23222222",
    "UCPathID": "12345678",
    "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",  
        "Status": "Not Submitted",  
        "lastUpdated": "03/02/2020"  
      }],  
      "incomeEffortList": [{  
        "reenumerationType": "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": []  
  }, ...]  
}
```