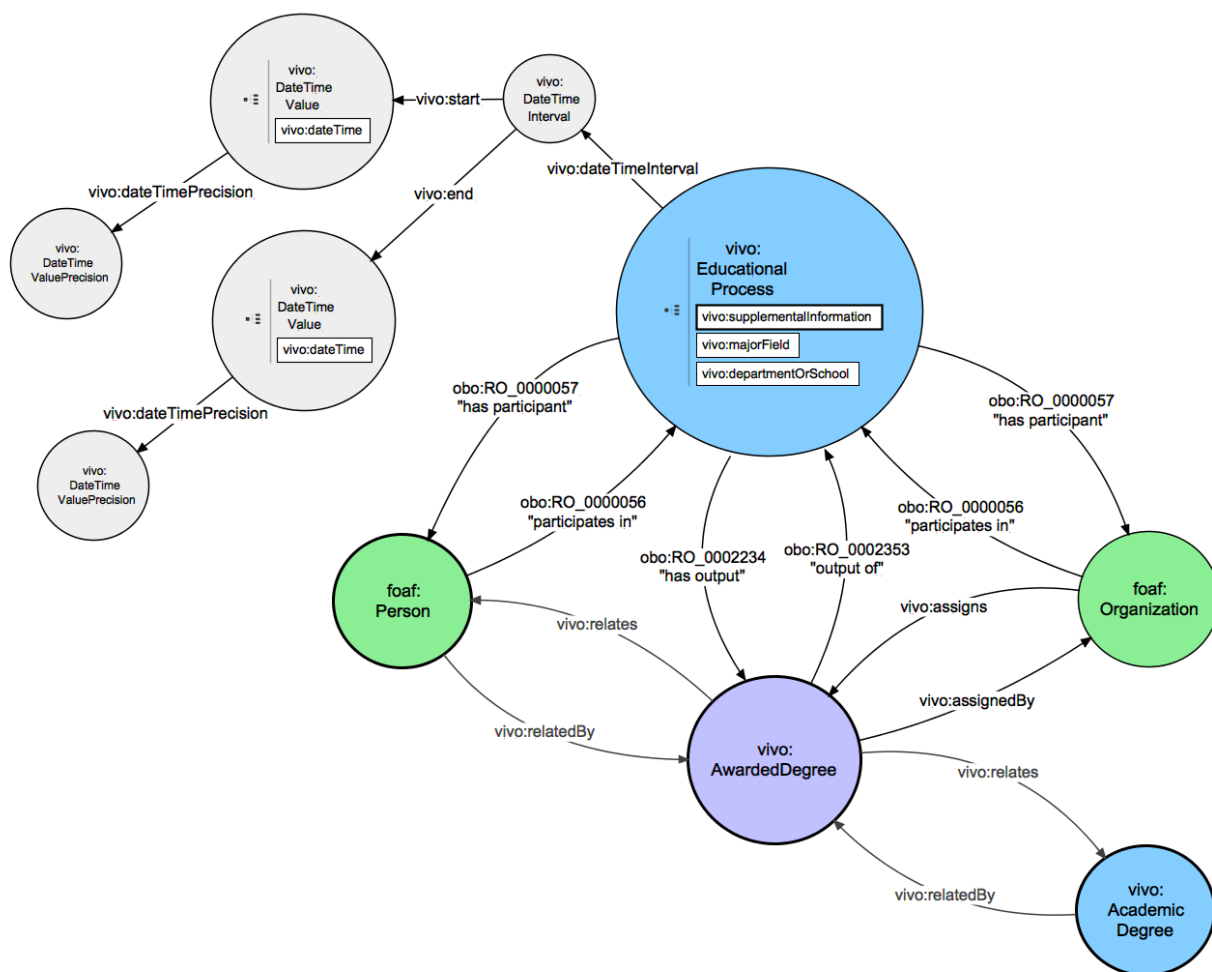


VIVO-ISF 1.6 relationship diagrams: Educational Training

This diagram reflects what VIVO's custom form for educational background creates. Note that we have also included a draft proposal for asserting that an AwardedDegree is also an instance of vivo:AwardOrHonorReceipt to handle the times when a degree is received with an honor such as "cum laude," in which case there would be an additional set of vivo:relates and vivo:relatedBy relationships to an instance of a vivo:AwardOrHonor, much as an instance of the class vivo:AcademicDegree is also related.

Awarded Degree as generated via VIVO custom form in versions 1.6-1.8, including an Educational Process to show the time interval over which the degree was earned

12/29/15



Triple pattern

```
foaf:Person "participates in (obo:RO_00000056)" vivo:EducationalProcess
foaf:Person "related by (vivo:relatedBy)" vivo:AwardedDegree

vivo:EducationalProcess "has participant (obo:RO_00000057)" foaf:Organization
vivo:EducationalProcess "has participant (obo:RO_00000057)" foaf:Person
vivo:EducationalProcess "has output (obo:0002234)" vivo:AwardedDegree
vivo:EducationalProcess "date/time interval" vivo:DateTimeInterval
vivo:EducationalProcess "department or school within institution (vivo:departmentOrSchool)" "Department of
Biology"^^<http://www.w3.org/2001/XMLSchema#string>
vivo:EducationalProcess "major field of degree (vivo:majorField)" "Cell Science"^^<http://www.w3.org/2001
/XMLSchema#string>
vivo:EducationalProcess "supplemental information (vivo:supplementalInformation)" "cum laude"^^<http://www.w3.
org/2001/XMLSchema#string>

vivo:DateTimeInterval "start (vivo:start)" vivo:DateTimeValue
vivo:DateTimeValue "date/time value (vivo:dateTimeValue)" "1976-01-01T00:00:00"^^<http://www.w3.org/2001
/XMLSchema#dateTime>
vivo:DateTimeValue "date/time precision (vivo:dateTimePrecision)" <http://vivoweb.org/ontology
/core#yearPrecision>

vivo:DateTimeInterval "end (vivo:end)" vivo:DateTimeValue
vivo:DateTimeValue "date/time value (vivo:dateTimeValue)" "1979-01-01T00:00:00"^^<http://www.w3.org/2001
/XMLSchema#dateTime>
vivo:DateTimeValue "date/time precision (vivo:dateTimePrecision)" <http://vivoweb.org/ontology
/core#yearPrecision>

foaf:Organization "assigns (vivo:assigns)" vivo:AwardedDegree
foaf:Organization "participates in (obo:RO_00000056)" vivo:EducationalProcess

vivo:AwardedDegree "output of (obo:RO_0002353)" vivo:EducationalProcess
vivo:AwardedDegree "assigned by (vivo:assignedBy)" foaf:Organization
vivo:AwardedDegree "relates (vivo:relates)" foaf:Person
vivo:AwardedDegree "relates (vivo:relates)" vivo:AcademicDegree

vivo:AcademicDegree "related by (vivo:relatedBy)" vivo:AwardedDegree
```

There is a simpler alternative that only represents the date on which the degree was earned, and avoids the need for a vivo:EducationalProcess. Note that this simpler version is not what the VIVO application itself produces via its custom form for interactively adding or editing a person's educational background – we include it here to explain possible alternative implementations. Note that this simpler version will **not** render correctly in VIVO v1.6 - v1.8.

[PeopleEducationalTraining.2015-09-30.simpler.png](#)

Possible simpler implementation of Awarded Degree showing only the date of conferral

9/30/15

