An Overview of Research Tracking:

Research Candidate Management and Thesis Processing

Key Benefits to the Institution
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Please note: this document is current as of Additional Features July 2012.
## Change History

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<th>Change Summary</th>
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<tr>
<td>Additional Features January 2012</td>
<td>First release of the Research Tracking Benefits Document</td>
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<td>Change in the document title on page 1</td>
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<td>Additional Features April 2012</td>
<td>Document Format and Content Updated</td>
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<td>Attachments added to the Publications page and Student Self Service to facilitate the upload of publications or documentation.</td>
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<td>Work Experience, Application Candidature details and 3C sections added to the document, features previously delivered in Additional Features January 2012</td>
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Executive Overview

The continued changes and demands on Higher Education Institutions globally, and the growing diversity of the Campus Solutions customer base, has provided the opportunity for modernization of the core business processes that form the foundation of Campus Solutions. Diversity in the Campus Solutions customer base has also meant ‘diversity’ in education models and business processes. The importance of research within higher education institutions globally is widely recognized by educational organizations, governments, industries and stakeholders. As higher education institutions continue to face a rapidly changing landscape with pressure on funding, throughput of research candidates, publication rates and an emphasis on quality assurance, the need for the effective management and tracking of research candidates or students has not been greater.

At a high-level Research Tracking can be described as business processes used to support the admission, matriculation, and evaluation of a graduate research candidate or student. The Research Tracking feature will provide institutions with the ability to better manage their graduate research candidates throughout their lifecycle from admissions through to thesis submission. There are many business process requirements that are unique to research candidates that will be provided by the new Research Tracking feature. This feature will also build on and enhance many of the existing Campus Solutions processes that already support the research tracking of candidates, such as Milestones.

In this first phase, Research Tracking provides the structures and administrative support for managing research related processes. The Candidate and Thesis Candidate Management components provide institutions with the ability to manage the two key research tracking functions in one user interface, rather than having to coordinate a candidate’s data from across the system or the institution.

As research students may not be enrolled in traditional courses or coursework, the new feature will manage their individual research efforts as they work towards the submission of their final thesis. Research candidates are often in receipt of research grants, scholarships or doctoral fixed term work contracts, and the process of supporting scholarship applications is planned for future releases. The Research Tracking feature will track a student’s progress throughout their research lifecycle at the institution, tracking the days to completion of the student’s candidature or thesis submission, to the recording of their funding and supervisor allocation. During the research lifecycle institutions will be provided with the ability to track students’ progress through self and supervisor evaluations. The feature will also provide institutions with
the ability to track the various stages of thesis submission, for example, corrections or amendments, thesis evaluation, committee decisions and result outcomes including the identification that the research candidate is eligible for graduation.

Institutions will be able to create the research candidature and thesis data structures at the point that a research candidate is identified, which could be at the application or admissions stage or when a student progresses to a research doctorate degree following a research or taught masters degree within the same institution.

The Research Tracking feature will be delivered over multiple phases, likely occurring over the next 12-18 months. While we do not expect customers to be able to deploy the candidate and thesis management structures delivered to date, we would recommend that customers commence evaluating the new structures, and start to analyze how these features can be used and leveraged within their institution.

As part of the Additional Features for January, April and July 2012, the core setup, configuration, and the administrative structural support for candidate and thesis management to support Research Tracking, was delivered to aid this customer evaluation and analysis.

The first phase of Research Tracking provides institutions with the ability to define research eligible programs of study. This provides the basis for identifying research candidates, and applying the subsequent processing, tracking and evaluation throughout the candidate’s lifecycle. One of the two key components delivered in January 2012 is the administrative Candidate Management component. This will be generated for all research eligible candidates or students and will be available to administrators during the application stage of the research process. Following matriculation of the research candidate the candidature record will be available for the remainder of the candidate’s research lifecycle. The Candidature record will provide high-level information of the candidate’s research program, their earliest and final thesis submission dates based on when they start the program, and also any key milestone dates, for example, periodic reviews with their supervisor. The Candidate Management component also records a candidate’s research topic which can either be selected from a list of topics pre-defined by the institution or proposed independently by the candidate. It also provides the ability to record the candidate’s supervisor and consumption details, that is, the remaining time left before they must submit their thesis, and also any other research requirements that they must satisfy.
The second key administrative component is Thesis Management which manages the business processes surrounding Thesis Submission. The Thesis Management component supports the initial request from a candidate of their ‘Notice of Intention to Submit’ their thesis. It also records the details of the candidate’s thesis submission, evaluation, examination, through to the confirmation and finalization of the thesis result or outcome. The Thesis Management administrative component will provide a link to the new Evaluation Management system (to be delivered over a number of phases). This will provide institutions with the ability to evaluate a student’s thesis, via individual examiners or hierarchical committee structures. Thesis Management will provide the ability for an administrator to upload and attach a candidate’s submitted thesis. In future releases it is planned that a research candidate will be able to submit their own thesis via self service. There has also be a modification of the Admissions Application Web Services (AAWS) and core Admissions features to support the new research requirements. The Campus Community Common Attribute Framework was adopted by Research Tracking in Additional Features July 2012. This provides institutions with the ability to create user defined data fields, and hold institution specific research candidate data that may not be delivered as standard - for example, Thesis Library Catalogue or Research Grant Project Code. These user defined data fields are known as ‘Additional Information’ within Research Tracking and are available on many pages within the Research Candidate and Thesis Management components. A number of other enhancements were also included in the Additional Features July 2012 which are discussed later in the document.

The candidate management and thesis processing coupled with evaluation and the ability to track institutional business requirements and processes, from the point of admission throughout the research candidate lifecycle, should aid institutions in successfully monitoring and tracking their research students. We anticipate that institutions will be eager to evaluate this new functionality, with the expectation that with the uptake of the new candidate management and thesis processing features institutions will be able to retire some of their customizations. Some of the delivered features will enable institutions to build upon existing Campus Solutions functionality that they are currently utilizing for managing research candidates. These new capabilities extend the richness and flexibility of the product.

As Campus Solutions builds out the total solution, we expect institutions will see ways in which the Research Tracking feature can be configured and used within their institution to manage the candidate research lifecycle. This may perhaps be with a view to tracking a candidates’ milestones, supervisor reviews, leave of absence, time left to submit, thesis submission and evaluation to improve their thesis submission and publication rates.
What are the Key Features and Benefits for Institutions?

Research Tracking will be delivered over multiple phases. Institutions will therefore see the benefits of these new features being realized on a continuous basis, in line with the phased approach within our continuous delivery model.

The first phase of Research Tracking focused on Candidate Management and Thesis Processing, providing both the structural and administrative components that will support future releases. We will take a look at the high-level benefits that we anticipate institutions will be able to achieve in leveraging and utilizing these new structures and administrative components.

While customers will be able to assess and evaluate the capabilities offered by these new features, they will not be able to use the features until the overall solution is delivered. Logically, a customer will not be able to use the set up, configuration and administrative components for the feature, without the processing support and the User Interface for students, administrators and faculty.

Summary of the key benefits for Candidate Management and Thesis Processing are as follows:

- Ability to capture research related information at the point of application and admission in the Candidate Management component. This is extremely advantageous from both an Admissions and Student Records viewpoint, in being able to evaluate the research application and any proposed research topic, as well as being able to capture and record additional information if the applicant is admitted. This additional data (that can be captured at the admissions stage) for later use within Student Records and the Candidate Management component may include: supervisor allocation details, minimum and maximum thesis submission dates, and other institutionally defined research requirements.

- The Candidate Management structures provide research candidates with the ability to propose their own research topic, or for institutions to pre-define research topics that can be selected by candidates based on their experience, qualifications and research interests. The research topic provides real benefit for the institution during application evaluation and often provides the basis for the thesis title or research subject area later in the candidate lifecycle.
• Ability to link supervisors to a particular research topic, showing their availability during a student’s selection process. Allocation of supervisors can also be independent of research topic selection. For example, supervisor allocation may be based on compatible research expertise with the candidate, or being linked to a particular research project, or by candidate or institutional proposal. The allocation of supervisors can be made at the admissions stage once an applicant has been admitted, or a placeholder for a supervisor (for example, to be decided) can be entered against a particular academic department or faculty.

• One of the key benefits of Research Tracking is the provision of a Candidate Management administrative page which can be created for a research candidate from the point of application. It brings together all of the key research related data for a student in one administrative page, so that it can be used to track a student’s research progress to the point of thesis submission and result outcome. It provides institutions with the ability to undertake the following:

  o View a student’s research related program of study details and milestones.

  o Manage a candidate’s research topic and thesis title.

  o Manage a candidate’s supervisor details.

  o Manage a candidate’s minimum and maximum thesis submission dates.

  o Manage additional research requirements that must be met by a research candidate, for example, Animal Testing Clearance.

• Ability to track a research candidate’s minimum and maximum thesis submission dates, in order to ensure the timely submission and publication. As research candidates can often take leave of absence, the Consumption and Submission page provides institutions with the ability to manage these submission dates allowing for any authorized time the student takes away from the institution. This provides the ability to track the time remaining for thesis submission by the candidate. The consumption process, including the auto-calculation of the submission dates is planned for future release.
Another key benefit for institutions is the ability to track and manage the Thesis Submission process, which can be achieved using the Thesis Management administrative component. It provides institutions with the ability to view the general details of the thesis, from the time the request for a Notice of Intention to Submit is issued, through the submission of the thesis, its examination, until a final result is recorded, and a library deposit of the thesis has been made.

Ability to evaluate a research candidate’s thesis can be undertaken in the new Evaluation Management system which is being delivered over multiple phases. The Thesis Management component will provide institutions with a link out to review evaluations and in future planned releases record a final thesis result outcome that may have been calculated by a Rules-based Engine. Further information on Evaluation Management can found in the Evaluation Management Benefits Document on My Oracle Support.

Ability to define specific institutional business processes or assignments within the Candidate Management administrative component.

Ability to upload and store attachments within the Candidate and Thesis Management components – for example, thesis or supervisor review reports.

New administrative functions are provided within Communication Generation in order to provide institutions with the ability to communicate with research candidates using data stored within the Candidate and Thesis Management components.

One final benefit is the extensibility of the Research Tracking feature providing institutions with the ability to create user defined fields that may be specific to their institution or country, which reduces the need for customization of the Candidate and Thesis Management components. As Campus Solutions does not currently provide a way in which research programs of study or research candidates can be easily identified, a check box has been added to indicate that a program is research based or eligible. The check box has been added to both the Campus Solutions Program and Plan pages, to support the different ways in which institutions configure or set up their Academic Structure. This check box will provide the basis for identifying research eligible students and for applying planned future processing rules. An example of the Use Research Processing check box on the Academic Program is shown below.
The two key administrative components of the Additional Features January 2012 for Research Enrollment Tracking are Candidate Management and Thesis Processing. Candidate Management is the main administrative component that tracks a research candidate’s progress from their initial application to thesis submission and result outcome.

Research Candidate information can be captured during the application and admission process, which is available through Student Records for update and maintenance after the applicant matriculates and becomes a student. Institutions are able to record the proposed Research Topic or Thesis Title, and propose or allocate supervisors once a candidate has been admitted to the institution. This information can also be used during the application evaluation stage.

An example of the types of research-related information that can be captured as part of the application process within Student Admissions is shown below on the Candidature Details page.
Research Tracking

Tracy Henderson
Academic Institution: PeopleSoft University UK
Academic Career: Research
Academic Program: Doctor of Philosophy
Academic Plan: Biology
Application Number: 00029138
Candidate Number: 000000000021

*Effective Date: 14/06/2012
Effective Status: Active
Earliest Submission Date: 29/06/2015
Final Submission Date: 29/09/2015
Load: FT
Status: PN
Status Date: 14/06/2012

Research Topic

Sequence: 1
Topic Code: ADTR
Research Topic: Deforestation on the Tropical Rainforest

*Effective Date: 14/06/2012
Effective Status: Active

Topic Description:
What are the affects of deforestation on the tropical rainforest

Thesis Title:
What are the affects of deforestation on the tropical rainforest

*Status: PR
Status Date: 14/06/2012
Candidate Management

The Candidate Management component shown below provides basic high-level data on the candidate’s research program details, and also any milestones that the student has to meet or achieve. The earliest and final submission dates provides administrators with an indication of where the candidate is within the process with regard to their thesis submission. This information is brought through from the Consumption and Submission page that is discussed later in the document. In summary, it provides institutions with an overview of the research
candidate’s progress, without having to obtain the data from multiple pages or tabs, and can alert an administrator to milestones that have not been yet achieved.

<table>
<thead>
<tr>
<th>Information</th>
<th>Research Topic</th>
<th>Supervisors</th>
<th>Consumption and Submission</th>
<th>Other Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Karen Smythe</td>
<td>PeopleSoft University</td>
<td>3702</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Academic Institution: PeopleSoft University</td>
<td>Candidate Number: 000000000002</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Academic Career: Graduate</td>
<td>Student Career Nr: 0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Academic Program: Doctor of Philosophy</td>
<td>Academic Plan: Biology</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Program Status:

| Earliest Submission Date: 01/12/2013 | Load: FT |
| Final Submission Date: 30/09/2014 | *Status: Consumption Settings Complete |

Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Description</th>
<th>Date Required</th>
<th>Date Completed</th>
<th>Advisor/Evaluator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 WRITING</td>
<td>Writing Proficiency</td>
<td>09/01/2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 THESIS</td>
<td>Thesis Proposal</td>
<td>31/01/2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 THESIS</td>
<td>Thesis Completion</td>
<td>30/09/2014</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

An example of the Research Candidate Management component

The Research Topic is normally one of the first stages in the research process, and this page provides institutions with the ability to track research topic proposals from research candidates. In order to support the two different models that can be seen across different countries and regions, institutions have the ability to either provide pre-defined research topics, or allow research candidates to propose their own. This may be in liaison with the institution. In future planned releases research candidates will have the ability to select or propose a topic depending on the institution’s research regulations or requirements. Institutions that either pre-define their research topics or permit candidate proposals normally have research grants, scholarships or funding to support a particular research project. In addition, those institutions that have pre-defined research topics can also indicate the supervisors who are available to provide supervisory support for candidates choosing a particular topic or research discipline. It is possible for multiple research topics to be supported up to the stage of matriculation within admissions, but after this stage a student can only have one active and eventually approved topic.
Administrators or, in the future, research candidates will select the ‘Topic Search’ button above to search for pre-defined research topics, if the institution supports this particular model of research topic proposal. On the Research Topic search page, research candidates can select a topic based on their research program of study, and also a research category that will normally be specific to a research subject area, for example, Medicine or Biology.
Once selected the pre-defined topic details and description are brought through into the Research Topic page. The rich text editor provides institutions with the ability to format text and include graphics during the configuration of the research topic, which can be displayed to research candidates in future planned releases.

The other model of research topic selection is where the research candidate proposes their own topic based on a particular area of interest, or as part of a research degree, for example, Ph.D. application. This may be linked to a Research Project, Scholarship or Work Contract, for example, Research Associates provided by the institution, employer, industry or any other research related organization.
Once the 'Create Topic' button is selected, the administrator, or in future releases, the research candidate, will be prompted to enter their research topic proposal as seen below.
The Thesis Topic can then be evaluated by institutions during the application stage, and also approved once they are admitted to the institution. The Thesis Topic page also provides institutions with the ability to track the approval status of the topic, for example, Pending/Approved. The administrative page also records the proposed Thesis Title which may be recorded by an administrator or more likely the research candidate in planned future releases. The Thesis Title page can also track the approval status using user defined thesis title approval statuses, and provides institutions with the ability to approve or finalize the thesis title as can be seen below. Institutions are also provided with the ability to upload or store attachments against the Research Topic page, which may be used to store a more detailed account of the candidate’s topic or thesis title proposals.
Research Tracking also provides institutions with the ability to allocate supervisors to a research candidate, or in planned future releases permit candidates to select or propose their own supervisors based on availability and relevance to their research discipline. For those institutions that pre-define research topics, it is possible to link supervisors to a specific topic, which shows their availability and provides candidates with a list of supervisors that can be selected. Those institutions that permit candidates to propose their own research topic can restrict the supervisors available to the research degree the student is undertaking if required. Multiple supervisors can be allocated to a student and the identification of their role can also be recorded for example, Primary Supervisor. It is also possible to track the current status of a supervisor: for example, a supervisor may have been proposed by the candidate, but the decision to confirm this proposal may still be pending or being evaluated. One of the key requirements for administrative staff is tracking the supervision and funding percentage. It is possible that a supervisor may only be able to supervise a research candidate for 50% of the time, and therefore a second supervisor may be required to fulfill the other 50% supervisory
requirements. The ability to track the faculty or department to which a supervisor ‘belongs’ is extremely important for institutions, along with the funding percentage and associated budget. This provides institutions with the ability to distribute any funds as part of an institution wide resource allocation model or process. The supervisor research tracking details are shown below.

Once the administrator or, in future planned releases, the candidate selects the Supervisor Search button the result is a list of research supervisors based upon the candidate’s research degree or Campus Solutions Program/Plan/Sub-Plan combinations.
Once the administrator or candidate (in future releases) selects the supervisor, the details are populated to the page, which allows administrators to update the details surrounding supervision and funding percentage etc. One of the other key benefits for institutions is the ability to store the supervisor review papers (as attachments) following the regular update and review meetings with research candidates. In future planned releases we intend for supervisors to be able to upload these review papers or documents via self service.
One of the most critical parts of tracking research candidates is to be able to have an up to date picture of a candidate’s earliest and maximum thesis submission dates. This is particularly important to ensure the timely submission and publication of a research thesis which has an impact on research funding, world rankings and quality assurance. Tracking the research candidates ‘time left to submit’ their thesis is particularly important, as candidates may take a leave of absence, which may impact their minimum and maximum thesis submission dates. This process is often referred to as ‘consumption’, for example, how many days, months, semesters, terms has the candidate completed (or has consumed), and how much time is left before they are required to submit their thesis. The ability to track a candidate’s leave of absence and the ability to automatically re-calculate a candidate’s ‘time left to submit’ or their ‘consumption’, is planned for future releases. Only the basic consumption and submission data has been provided in this release.
As is often the case in Higher Education the assignments or requirements that a research candidate must satisfy throughout their research candidate lifecycle differ not only between countries, regions, but within institutions themselves. The Assignments feature will provide institutions with the ability to define and configure their own requirements that need to be satisfied by candidates. Examples of the types of assignments that may be defined are Human or Animal Testing Clearance, Intellectual Property Rights, Employment Contracts and Supervisor Reviews. This particular feature also supports the ability to add multiple assignments and also the ability to store attachments for any clearance or approval that might be granted by supervisors or research committees, especially as some of the documents might have legal status.

One other key benefit for institutions is that in order to track a number of the processes so far discussed, there is the ability to define and configure user defined ‘statuses’ for each of the research processes displayed on the tabs below. This also applies to the Thesis Management component discussed later in the document.
The Additional Information link that appears on most of the pages within Candidate Management and also as part of Application Candidature provides institutions with the ability to store additional institution specific data that may not be delivered as standard. As an example, an institution may create an assignment as described above to track the approval and signing of an Employment Contract for a Research Candidate, or the tracking of the application and submission process for Intellectual Property Rights for a particular innovation. The Additional Information link and secondary page provides institutions with the ability to enter and store this additional information. The user defined fields are created in the Campus Community Common Attribute Framework, and details on how to create these fields can be found in the “Working with Common Attribute Framework” document delivered in the Campus Community Bundle 26 documentation.
On selecting the Additional Information link above, a secondary page (shown below) is displayed with the user defined fields provided in context of the original page – for example, Assignments, Employment Contract. The user defined fields shown below have been created using the Common Attribute Framework.

**Thesis Management and Processing**

The second key feature delivered as part of the Research Tracking Additional Features for January 2012 is Thesis Management. The Thesis Management component shown below
provides institutions with the ability to manage the thesis submission process. This can be from the candidate’s notification of their intention to submit, through to thesis submission, examination, result outcome and recording their ability to proceed to Graduation.

The Thesis Management record is built out at the same time as the Candidate Management record. The Thesis Submission page controls the current status of the thesis, for example, the stage of the evaluation progress. It also provides institutions with the ability to track the intended submission versus the actual submission date which will provide statistical information on submission rates for future reference and quality assurance.

The notification of the intention to submit a thesis is a process that normally requires formal approval and this approval process or status can be tracked within the Thesis Submission page. Candidates are normally required to submit multiple copies of their thesis and thesis management supports administrators in the recording of this documentation.

The Exam Supervisor approval on the Evaluation page confirms whether the examination certificate has been accepted from the candidate. The aim is to ensure that the candidate’s thesis is ready for examination and evaluation. The evaluation of a candidate’s thesis is normally undertaken by individual examiners, a panel, committee or jury of examiners, and a link is provided to the new Evaluation Management system. The Evaluation Management system will be delivered in phases and the first phase became available in Additional Features January 2012. Evaluation Management will track the evaluation of the thesis, and provides the ability to stage hierarchical committee structures, and to record the thesis outcome, result of individual examiners and the committee itself. The evaluation status of the thesis can also be tracked and monitored on the Thesis Management page. After all the results and evaluation required to determine the outcome of the candidature have been obtained, the appropriate and approved academic or administrative staff, for example Chair of Committee, Dean, Senior Administrator, completes the Thesis outcome. Any prizes that have been awarded to the candidate can also be entered at this point.

Occasionally, following the evaluation and the examination of the thesis it is necessary for candidates to undertake corrections, or sometimes to re-write and resubmit their theses, possibly several months later, which may mean a different examination committee and examiners. Thesis Management provides the institution with the ability to support the thesis resubmission process, which may include commencing from the notification of intent to submit stage within the research process.
A candidate's thesis may contain sensitive data, designs or new inventions or discoveries that are waiting to be awarded a patent or a claim for intellectual property rights by the candidate. In this case an embargo can be placed on the thesis, meaning that it cannot be made publicly available until the patent has been granted or the sensitivity period passed. Finally, Thesis Management supports the ability for institutions to record that the thesis has been made available to the university library, and also that examiners payments have been processed. Please note that these are informational flags only and do not drive any processes within the system.

An example of the Thesis Processing Component

The Evaluation page records the evaluation status of the Thesis along with the overall recommended outcome of the Thesis Examination. It is also provides a link out to the Evaluation Management System where more detailed evaluations can take place by committee or by individual examiners. Once the thesis has been evaluated and the outcome or result has been confirmed by a Research Committee, Jury, Dean or Head of Department, the
examination result can be updated. The actual ‘approvers’ name which may be the administrator, supervisor, head of department or dean may be recorded against the result. Occasionally, research candidates may also be eligible for a university, faculty or research award or prize, and these can also be tracked within the final result page. In order to complete the research submission process institutions are able to flag that a candidate has been advised of the thesis outcome and any result or prize that might have been awarded. Finally, once this process has been completed the Thesis Management component is able to flag that a research candidate is eligible to be considered for graduation.

As the Research Submission processes can be quite complex and involve multiple stakeholders, institutions are provided with the ability to hold notes against a candidate’s research thesis submission.
The Additional Information page incorporates the Common Attribute Framework as discussed above, providing institutions with the ability to create and display user defined fields that are specific to the management of the candidate’s thesis. In this example two user defined fields have been created in the Common Attribute Framework to store the Thesis Library Catalogue number and the Thesis Document format. Institutions are able to create data fields that represent their own institution requirements.
One of the real benefits of this new functionality is the ability to store the candidate's research thesis as an attachment. This can either be undertaken by administrators or, in planned future releases, the research candidate themselves. Institutions are also able to store any other documentation related to thesis processing within this page. Multiple attachments can be held against the thesis submission, and an example of a thesis attachment is shown below.

**Candidate Management Override**

The Candidate Management Override feature provides institutions with the ability to flag any research candidate record that requires review, due to Program or Plan discrepancies between
the admissions or program/plan stack and the Candidature header record shown below. This may happen where the research candidate moves between programs or plans. This feature allows users to be able synch and update the Candidate header (indicated by the arrow below) academic program or academic plan values with the admissions or student records program plan stack. It also helps to identify candidates who may have moved to or from a research eligible program of study.

On entering the Candidate or Thesis Management components the following message appears if the candidate header record does not match the candidate’s program and plan.

<table>
<thead>
<tr>
<th>Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>The academic program of the candidate header record does not match the academic program assigned. (14751, 51) The academic program of the candidate header record does not match the academic program assigned in Student Records. Please review the discrepancy and determine if any adjustments to the candidate’s information is required.</td>
</tr>
</tbody>
</table>

An example of the Candidate Management Override page is shown below:
Enhanced Campus Community Features to Support Research Tracking

Although the following generic features can continue to be used widely across Campus Solutions, they have been enhanced to allow institutions to use them in support of the tracking of Research Candidates.

Work Experience

In order to track a candidate’s current work commitments, ‘hours per week’ and ‘employment fraction’ have been added as new fields on the Work Experience page. This provides institutions with the ability to monitor and track workload commitments in order to identify any potential impact on the candidates’ research study. Administrators can also attach any relevant work experience documentation as an attachment to a candidate record. An example of the Work Experience page is shown below.
Research Candidates are able to update and maintain their own work experience record and upload relevant attachments via Self Service, such as training plans or employment contracts.
Throughout their lifecycle Research Candidates may publish research papers, books, and other research articles, which can be attached to the candidate’s publications record. The Publications page has been enhanced to include author information, application method, and verification details. This provides institutions with not only the ability to automatically receive publications from Candidates via self service but also to record the verification of the documentation received. The ability to attach publications or documentation to the Candidates publication record was introduced in Additional Features April 2012.
In order to provide Candidates with the ability to maintain their own publications record, candidates are able to submit their research publications or articles through self-service pages. These publications may form part of the research application or as part of the thesis topic submission.
New Administrative Functions for Research Tracking and Thesis Processing

In order to enable institutions to communicate more effectively with Research Candidates new administrative functions have also been added to create 3C’s communications for research tracking and thesis processing. These are available from the Candidate and Thesis Management components.

Conclusion

The Research Tracking functionality demonstrates Oracle’s commitment to provide enhanced capabilities and features to our global education customers. We expect that the functionally rich features that we have delivered as part of Research Tracking combined with the new Evaluation Management system will provide customers with greater control over tracking and managing research candidates within Campus Solutions.
As timely thesis submission, publication rates, quality assurance and research excellence continues to drive research funding in a number of countries, the tracking and management of research candidates within an institution becomes increasingly important.

As we have seen, Research Tracking will help institutions better manage their research candidates throughout their lifecycle at the institution. The feature will provide institutions with the ability to manage research candidates from the point of application or admission through to research submission and result outcome. It will provide institutions with the ability to track the days to completion of the student’s candidature and thesis submission and in future releases funding and scholarships. The Research Tracking feature will also track a candidate’s progress through periodic self and supervisor reviews and evaluations. It will track the various stages of thesis submission and evaluation until the final submission has been approved and recorded. Finally, it will provide institutions with the ability to record the final thesis outcome and flag the candidate as being eligible for graduation.

While we do not expect institutions to be able to deploy the structures and administrative components delivered to date, we would recommend that institutions start to analyze and evaluate how these features may be leveraged by their institutions in future phases.

We hope that having taken a high-level look at the first phases of Research Tracking features within this paper, institutions will be keen to understand these features in much more detail.

The following documentation can be found on ‘My Oracle Support’

*Recommended Documentation:*

- Enterprise Campus Solutions 9.0 Additional Features January 2012 Pre-Release Notes (ID 1389697.1)

- Enterprise Campus Solutions 9.0 Additional Features April 2012 Pre-Release Notes (ID 1450105.1)

- Enterprise Campus Solutions 9.0 Additional Features July 2012 Pre-Release Notes (ID 1470613.1)

- Research Tracking and Thesis Management.pdf (ID 1400727.1)
- Research Tracking Evaluation Management.pdf (ID 1400727.1)

- “Working with Common Attribute Framework” document delivered in the Campus Community Bundle 26 documentation.

The ID for the PeopleSoft Enterprise Campus Solutions 9.0 Documentation Home Page is 751540.1

We encourage all institutions to take a look at the above documentation, in order to familiarize themselves with the features delivered thus far, and ‘stay tuned’ for further announcements from Oracle, on the subsequent phases for Research Tracking.