# Table of Contents

I. **POLICY**  
   
II. **RESPONSIBILITIES**  
   
III. **DEFINITIONS**  
   
IV. **EFFORT CERTIFICATION REPORTING PROCESS FOR THE UNIVERSITY OF RHODE ISLAND**  
   
**EXHIBIT 1**  
   **BASE EFFORT ANALYSIS**  
   9  

**EXHIBIT 2**  
   **EFFORT CERTIFICATION REPORT - CLASSIFIED**  
   10  

**EXHIBIT 3**  
   **EMPLOYEE ACTION FORM**  
   11  

**EXHIBIT 4**  
   **EMPLOYEE ACTION FORM INSTRUCTIONS**  
   12  

**EXHIBIT 5**  
   **EFFORT CERTIFICATION REPORT - NON CLASSIFIED**  
   13  

**EXHIBIT 6**  
   **INTERNAL PAYROLL - DEPARTMENT BUDGET TABLE (APPOINTMENT LEVEL) ACTIVE ENTRY**  
   14  

**EXHIBIT 7**  
   **EFFORT CERTIFICATION REPORT - INTERNAL PAYROLL (TEMPORARY, PART TIME, SUMMER RESEARCH FACULTY, UNDERGRADUATE AND GRADUATE STUDENTS)**  
   15  

**EXHIBIT 8**  
   **IN-HOUSE PAYROLL ADJUSTMENT FORM**  
   16
I. POLICY

All employees (faculty, staff, students, temporary\part-time employees and summer research faculty) who are paid on sponsored projects and/or cost share accounts must certify the accuracy of this time (i.e., effort) according to the procedures established by the University.

This requirement is established in the Code of Federal Regulations, Title 2: Grants & Agreements PART 200 Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards section 200.430, Compensation – personal services.

URI’s approved Disclosure Statement (DS2) includes a summary of the URI effort certification process. http://web.uri.edu/controller/sponsored_cost_accounting/

II. RESPONSIBILITIES

Office of the Controller has primary responsibility for the maintenance of the Effort Certification Reporting (ECR) system:

1. Training University personnel on ECRs;
2. Monitoring University adherence to the ECR requirements;
3. Making changes to this manual as required;
4. Updating the University’s financial system with the original payroll distribution;
5. Updating the University’s financial system with distribution changes in a timely manner; and
6. Distributing, collecting ECRs and making sure they are completed and returned in a timely manner.

Academic Departments are responsible for:

1. Making sure that payroll forms are completed properly and submitted timely;
2. Reviewing and certifying their department ECRs. Making sure that the effort charged approximately reflects the work performed during that period, using suitable means of verification that the work was performed; and
3. Ensuring that the distribution, certification, collection and return of ECRs to the Payroll Department are accomplished in a timely manner.

Principal Investigators are responsible for:

1. Understanding the level of effort of each individual working on the sponsored award;
2. Making sure original payroll distribution meets commitment approved in the award;
3. Reviewing and certifying their own and their staff’s ECRs. Making sure that the effort charged approximately reflects the work performed during that period, using suitable means of verification that the work was performed; and
4. Submitting payroll distribution modifications in a timely manner if the effort changes from the initial plan.

**Division of Research & Economic Development - Office of Sponsored Projects is responsible for:**

1. Providing guidance on requirements during proposal preparation and reviewing budgets prior to submission to sponsors; and
2. Ensuring effort percentages on payroll distribution forms meets the commitments of the award.

**III. DEFINITIONS**

**Base Effort**
Base effort is defined as the 100 percent effort expended by an employee over some contractual and/or predetermined period which is required to fulfill his/her obligation to the University. Base effort includes all regular pay, overtime pay, holiday pay and additional compensation paid to an employee.

**Base Salary**
The University’s base salary is the annual compensation that the applicant organization pays for an individual's appointment, whether that individual's time is spent on research, teaching, public service or other activities. Base salary excludes any income that an individual may be permitted to earn outside of the duties to the University.

**Cost Sharing**

*Mandatory*
Mandatory cost sharing is cost sharing required as a condition of an award (i.e. Sea Grant, Land Grant funds) or negotiated as part of the award. In either case, once this award is funded, if required cost sharing is in the form of payroll it must be accounted for in the payroll distribution system and effort certified.

*Voluntary Committed*
Voluntary committed cost sharing is effort not required by the sponsor, but proposed either in the proposal budget or in the narrative portion of the proposal with no corresponding funding requested. Per 2 CFR Part 200.306 (a), under Federal research proposals, voluntary cost share is not expected. Once the project is awarded, if cost sharing proposed is agreed in the awarded budget and is in the form of payroll, it must be accounted for in the payroll distribution and effort certified.

*Voluntary Uncommitted*
Voluntary uncommitted cost sharing effort is defined as University faculty (including senior researchers) effort that is over and above that which is committed and budgeted for in a sponsored agreement. This effort becomes part of the PI’s non-sponsored activities for the University.

---

*Note: If a PI chooses to use voluntary uncommitted cost sharing to fulfill sponsor requirements (such as to meet a required effort*
Effort Certification Reports (ECRs)
Reports used to certify effort “after the fact” charged on sponsored projects and/or cost sharing.

Effort Certification Manual
A table in PeopleSoft used by the Internal Payroll System to establish the chartfield string(s) to be charged for jobs compensated through that system. (Exhibit 6)

Effort Certification Reports (ECRs)
Reports used to certify effort “after the fact” charged on sponsored projects and/or cost sharing.

Effort
The proportion of time spent on any activity and expressed as a percentage of the individual’s total professional activity for which an individual is compensated by Base Salary. Total effort must equal 100%.

When a proposal is awarded, the committed effort must be tracked in the payroll distribution system to ensure that the effort and the salary charged to support it are in agreement. Failure to accurately track and meet effort commitment requirements can subject the university to heavy fines and sanctions that inhibit the ability to receive future federal funds for research.

The commitment of effort in the proposal must be requested in accordance with sponsor’s regulations. The types of efforts requested are:

Requesting Salary Support
The amount of salary requested for the academic year by the individual should be reasonable and calculated by multiplying the level of effort times the individual base salary. Special attention should be paid to sponsors salary cap (i.e. NIH salary cap). If salary is requested for the summer months, special attention should be paid to sponsor requirements.

Effort Commitment Reduction
The Principal Investigator is required to ask for prior approval in writing from the Office of Sponsored Projects and the Sponsor for an absence of 3 months or more or significant reduction of effort (25% or more) on the part of the Principal Investigator or other key personnel.

Estimating Effort
Estimating effort must follow the guidelines established by Uniform Guidance 2 CFR Part 200.430 (h)(8) (viii) which states:

Budget estimates (i.e., estimates determined before the services are performed) alone do not qualify as support for charges to Federal awards, but may be used for interim account purposes, provided that:

(A) The system for establishing the estimates produces reasonable approximations of the activity actually performed;
(B) Significant changes in the corresponding work activity (as defined by the non-Federal entity's written policies) are identified and entered into the records in a timely manner. Short term (such as one or two months) fluctuation between workload categories need not be considered as long as the distribution of salaries and wages is reasonable over the longer term; and

(C) The non-Federal entity's system of internal controls includes processes to review after-the-fact interim charges made to a Federal awards based on budget estimates. All necessary adjustment must be made such that the final amount charged to the Federal award is accurate, allowable, and properly allocated.

(ix) Because practices vary as to the activity constituting a full workload (for IHEs, IBS), records may reflect categories of activities expressed as a percentage distribution of total activities.

(x) It is recognized that teaching, research, service, and administration are often inextricably intermingled in an academic setting. When recording salaries and wages charged to Federal awards for IHEs, a precise assessment of factors that contribute to costs is therefore not always feasible, nor is it expected.

**Effort Reporting Method**

Effort reporting is the federally-mandated method by which the salary charged to a sponsored project or cost sharing is certified as being reasonable in relation to the effort expended on that project. The method chosen by URI is Effort Certification Reports.

**Retroactive Pay, Increase or Promotion**

Pay received for work performed in prior pay periods will be charged to distribution in Payroll system on the date of the payment. If changes need to be made to distribution, contact the Payroll Accounting Department.

**IV. EFFORT CERTIFICATION REPORTING PROCESS FOR THE UNIVERSITY OF RHODE ISLAND**

The University of Rhode Island has three effort reporting systems which are summarized below and presented in detail in subsequent sections.

*A certification of effort (through an ECR) is required only when a person is charged to a sponsored project and/or cost sharing.*

No matter the effort reporting system used at URI, they must all follow the Uniform Guidance guidelines. Per Uniform Guidance 2 CFR Part 200.430 (h)(8)(i) “Standards for Documentation of Personnel Expenses”:

(1) Charges to Federal awards for salaries and wages must be based on records that accurately reflect the work performed. These records must:

(i) Be supported by a system of internal control.

(ii) Be incorporated into the official records.
(iii) Reasonably reflect the total activity for which the employee is compensated.

(iv) Encompass both federally assisted and all other activities compensated by the non-federal entity.

(v) Comply with established accounting policies and practices of the non-Federal entity.

(vi) (reserved)

(vii) Support the distribution of the employee’s salary or wages among specific activities or cost objectives if the employee works on more than one Federal award, etc.

Effort Certification Frequency

The three effort reporting systems are (Exhibit 1):

1. **Non-classified (employees paid through the State of RI)**
   For non-classified employees, faculty and professional staff an ECR will be prepared twice a year covering the academic year pay for the periods of July 1 to December 31 and January 1 to June 30. Effort will be certified on a semi-annual basis after the fact.

2. **Classified (employees paid through the State of RI)**
   For classified employees, an ECR will be prepared every two pay periods or thirteen times per year after the fact.

3. **Students, temporary employees and summer research faculty (employees paid through URI's internal payroll system)**
   These groups are paid through the University's Internal Payroll System and consequently have different ECRs than non-classified and classified employees described above.

   For **graduate and undergraduate students** who charge or contribute (i.e. cost share) their effort to a sponsored project, an ECR will be prepared and certified every two pay periods or thirteen times per year, after the fact.

   For **temporary or part-time employees and summer research faculty** who charge or contribute (i.e. cost share) their effort to a sponsored project, an ECR will be prepared and certified twice a year, after the fact.

ECR calculation

The ECR for State non-classified (Exhibit 2) and classified employees is produced from the Payroll Accounting system based on the distribution information submitted on the Employee Action Form (Exhibit 3 and 4) and lists (for each employee), the percentage of the employee’s total base pay charged to each chartfield string (listed in the effort percentage column), and the associated dollar amounts (listed under salary charges) for the period reported. See Exhibit 5 for the ECR.

The ECR for students, temporary employees and summer research faculty is produced from the Internal Payroll Accounting system. Data is from the chartfield string(s) set up
as part of the job creation process using department budget tables (Exhibit 6) and lists job and dollars, not percentages. See Exhibit 7 for the ECR.

**Effort certification procedure**
The steps below indicate the general procedure to be followed for certifying effort. The staff completing these steps may be different for different departments depending on organization structures and resources.

If you have questions on the procedure, contact Payroll Accounting Department for assistance.

At a minimum, the ECR must be certified by the employee, principal investigator or other responsible official (Dean/Department Head) who uses suitable means of verification that the work was performed. The certification is to confirm the distribution of activity represents a reasonable estimate of the work performed by the employee during the period.

It is recommended the ECR also be certified by a staff in a supervisory role for verification of the data.

**Department Head/ Dean/ Principal Investigator will:**

1. Review all ECRs to ensure that each employee has one. The Department Head/ Dean will notify the Payroll Accounting Department to obtain any missing ECRs and return any that do not belong to the department;
2. Determine every chartfield string to which the employee’s effort has been charged during the reporting period is listed;
3. Review the effort percentages for each chartfield string and verifies that they reflect a reasonable estimate for the percentage of effort expended by the employee during the reporting period; and
4. Adjust the ECR by circling the incorrect data and writing in the appropriate retroactive change to the right of the pre-printed data if the pre-printed chartfield string, effort categories or percentages are incorrectly reported. An Employee Action Form must be completed to correct the effort percentage and distribution.

The reviewer should also indicate on the ECR the number of the Employee Action Form submitted to adjust the distribution. In all cases, effort distribution must total 100%. See also “Effort certification adjustments” below.

5. Sign and date the certification in the column labeled “Responsible Official”.

If an individual certified his/her ECR, he/she should submit the completed document to Department Head, Dean, or Principal Investigator for verification.

6. All certified ECRs must be forwarded to the Payroll Accounting Department no later than the date shown on the certification report.

**Effort certification adjustments**
Adjustments are required when there are significant changes in effort percentages, effort categories or funding sources. Such adjustments should be made as soon as they are known, but prior to the time of effort certification.

Note: If effort is certified and it is later determined such effort should be changed, a formal written request is required to be reviewed and approval by the Controller’s Office. For effort changes greater than 90 days from the original transaction date, see the University’s Cost Transfer Policy.

To make adjustment to existing Unclassified and Classified Employees: Complete an Employee Action Form. (Exhibit 3 and 4)

To make adjustment to an existing Student, Temporary, Part Time Employees and Summer Research Faculty: Complete an In-House Payroll Adjustment form. (Exhibit 8)
### Exhibit 1  Base Effort Analysis

<table>
<thead>
<tr>
<th>Description</th>
<th>Appointment</th>
<th>Length</th>
<th>Report Periods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty</td>
<td>Academic Year</td>
<td>9 Months</td>
<td>7/1-12/31 and 1/1-6/30</td>
</tr>
<tr>
<td>Non-Classified Staff</td>
<td>Calendar Year</td>
<td>12 Months</td>
<td>7/1-12/31 and 1/1-6/30</td>
</tr>
<tr>
<td>Classified Staff</td>
<td>Varies</td>
<td>Varies</td>
<td>Every 4 weeks</td>
</tr>
<tr>
<td>Graduate / Undergraduate Students</td>
<td>Varies</td>
<td>Varies</td>
<td>Every 4 weeks</td>
</tr>
<tr>
<td>Temporary/Part Time (Internal Payroll)</td>
<td>Varies</td>
<td>Varies</td>
<td>7/1-12/31 and 1/1-6/30</td>
</tr>
<tr>
<td>Summer Research Faculty</td>
<td>Summer</td>
<td>up to 3 months</td>
<td>7/1-12/31 and 1/1-6/30</td>
</tr>
</tbody>
</table>
### Exhibit 2  
**Effort Certification Report - Classified**

**Name:** Smith, John  
**Title:** Scientific Research Grant Awardee  
**EmpID:** 10000002  
**Home Dept:** 2012 - Cells Academic Unit 1  
**Biological and Life Sciences**

**Dept Mgr:** Jones, James  
**Supervisor:** Boss, Brian

<table>
<thead>
<tr>
<th>Unit Category</th>
<th>Account Type</th>
<th>Account No</th>
<th>Effort</th>
<th>Salary Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research</td>
<td>Environment &amp; Life Sciences 0/</td>
<td>115-2000-040000000000</td>
<td>10.0</td>
<td>338.98</td>
</tr>
<tr>
<td></td>
<td>FY 16 (Bill)</td>
<td>505-2000-040000004444</td>
<td>90.0</td>
<td>2,552.76</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>100.0</td>
<td>2,891.74</td>
</tr>
</tbody>
</table>

I certify that this report represents a reasonable estimate of 100 percent of the actual effort expended during the above period and that I have suitable means of verifying that the work was performed.

---

**Signature of Faculty Member/Employee or Designee:**  
**Date:**  
**Signature of Reviewer:**  
**Responsible Official:**

---

**Note:**  
**Effort Reports must be returned to Payroll Accounting by 01/31/2017**  
**Notes:**
### Exhibit 3  Employee Action Form

#### Employee Information
- **Empl ID:** 500000001
- **Name:** First: Mary  Middle:  Last: Brown
- **Dept ID:** 2117
- **Home Department:** Cancer Prevention Research Ctr
- **Reason/Remarks:** Change Salary Distribution Only
- **Pay Check Dist Bldg:** KC77A

#### Replaces
- **Empl ID:**
- **Name:**
- **Title:**
- **Trans:**
- **Promo:**
- **Leave:**
- **Term:**

#### Job Data Information
- **PS Position No.:**
- **State Position No.:**
- **State Appr Acct No.:** 5511-50000
- **Job Code:** 1000005
- **Professor Research:**
- **Union:** 94
- **AAUP Acad:**
- **Eff Start:** 12/25/2016
- **End Date:** 06/24/2017
- ** Eff Start:**
- **Standard:**
- **Non-Standard:**
- **Shift:** First
- **Second:**
- **Third:**
- **# Wk Wks/Yr:**
- **Grade:** 99
- **Step:**
- **Basic Wkr Wk Hrs:** 40
- **Schd Hrs/Week:** 40.0
- **Work Year:** A
- **Appointment Status:**
- **Perm:**
- **Temp:**
- **Limited:**
- **SUP AMT:**
- **Period:**
- **Annual:**
- **Annual Salary:** 104803.00
- **or Hry Rate:**
- **Posting No.:**

#### Provost Approved Strategic Initiative:
- **Comments:**

#### Salary Distribution

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Start Dt</th>
<th>End Dt</th>
<th>Fund</th>
<th>Dept ID</th>
<th>Program</th>
<th>Project</th>
<th>Reg Per</th>
<th>Changed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>10/30/2016</td>
<td>12/24/2016</td>
<td>500</td>
<td>1550</td>
<td>0000</td>
<td>000000000</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10/30/2016</td>
<td>12/24/2016</td>
<td>500</td>
<td>2117</td>
<td>0000</td>
<td>000000000</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10/30/2016</td>
<td>12/24/2016</td>
<td>500</td>
<td>2117</td>
<td>0000</td>
<td>000000000</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12/25/2016</td>
<td>06/24/2017</td>
<td>500</td>
<td>1550</td>
<td>0000</td>
<td>000000000</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12/25/2016</td>
<td>06/24/2017</td>
<td>500</td>
<td>2117</td>
<td>0000</td>
<td>000000000</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12/25/2016</td>
<td>06/24/2017</td>
<td>500</td>
<td>2117</td>
<td>0000</td>
<td>000000000</td>
<td>200</td>
<td></td>
</tr>
</tbody>
</table>
Exhibit 4  Employee Action Form Instructions

The Employee Action Form is used to process the initial salary distribution and any changes that may occur thereafter. The form must be processed timely to reach the Human Resources/Payroll Offices before the effective date of the action requested. All information must be completed and effort distribution must total 100%. For complete instructions of how to complete an Employee Action Form go to: http://web.uri.edu/hr/forms/.

Salary distribution information should be given for a minimum of the entire fiscal year or for the length of the appointment, whichever applies. A fiscal calendar of pay periods is available from the payroll office.

- When an appointment or change occurs in the middle of a pay period list the date (Effective Start) in the Job Data section of the Employee Action Form.
- List the first day of the pay period in the Salary Distribution section.
- This pay period must be accounted for separately. Treat each day as 10% and charge chartfield string with the appropriate %.
- Be sure each pay period distribution is equal to 100%

Changes should not be made unless they are of a significant nature. Initial appointment/changes should not be made using decimals such as, 10.5% or 9.3%. The rationale is that nobody keeps time/effort devoted to projects at that detail level.

APPROVAL ROUTING FOR SALARY DISTRIBUTION CHANGES:

If an Employee Action Form is processed for a change in salary distribution only, the electronic approval routing for signature is as follows:

Originator > Dean/Director > Office of Sponsored Projects > Budget > Human Resources

Payroll then receives the EAF to update PeopleSoft Distribution record.
Exhibit 5  Effort Certification Report - Non Classified

<table>
<thead>
<tr>
<th>Name</th>
<th>Tammy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Senior Information Technologist</td>
</tr>
<tr>
<td>Empid</td>
<td>1000000005</td>
</tr>
<tr>
<td>Home Dept</td>
<td>1008 - Transportation Center</td>
</tr>
<tr>
<td></td>
<td>Carlotti Administration Bldg</td>
</tr>
<tr>
<td></td>
<td>Lower College Road, Kingston</td>
</tr>
<tr>
<td>Dept Mgr</td>
<td>John</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cost Category</th>
<th>Account Descr</th>
<th>Account 608-00000000000000</th>
<th>Effort %</th>
<th>Salary Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non Research</td>
<td>Transportation Ctr Overhead</td>
<td>111-1008-00000000000000</td>
<td>35.0</td>
<td>1,453.79</td>
</tr>
<tr>
<td></td>
<td>Education Cluster Extension DP</td>
<td>550-1008-000000004600</td>
<td>25.0</td>
<td>1,036.43</td>
</tr>
<tr>
<td>Sponsored Research</td>
<td>RIC No.2014-GU-001 LIAP</td>
<td>500-1008-0000000000227</td>
<td>40.0</td>
<td>1,661.48</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>100.0</td>
<td>4,153.70</td>
</tr>
</tbody>
</table>

I certify that this report represents a reasonable estimate of 100 percent of the actual effort expended during the above period and that I have suitable means of verifying that the work was performed.

Signature of Faculty Member/Employee or Responsible Official

Effort reports must be returned to Payroll Accounting by 03/02/16
Exhibit 6  Internal Payroll - Department Budget Table (Appointment Level) Active Entry
Exhibit 7  
Effort Certification Report - Internal Payroll (Temporary, Part Time, Summer Research Faculty, Undergraduate and Graduate Students)

<table>
<thead>
<tr>
<th>Rod</th>
<th>Fund</th>
<th>Department</th>
<th>Program</th>
<th>Project/Grant</th>
<th>Account</th>
<th>Start Date</th>
<th>End Date</th>
<th>Amount</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>509</td>
<td>2306</td>
<td>0069</td>
<td>003221</td>
<td>5240</td>
<td>25-DEC-2016</td>
<td>07-JAN-2017</td>
<td>385.00</td>
<td>100.0</td>
</tr>
</tbody>
</table>

Total: 385.00 100.0

I CERTIFY THAT THIS REPORT REPRESENTS A REASONABLE ESTIMATE OF 100 PERCENT OF THE ACTUAL EFFORT EXPENDED DURING THE ABOVE PERIOD AND THAT I HAVE SUITABLE MEANS OF VERIFYING THAT THE WORK WAS PERFORMED.

SIGNATURE OF FACULTY MEMBER/EMPLOYEE OR RESPONSIBLE OFFICIAL

DATE

SIGNATURE OF REVIEWER
Exhibit 8  In-House Payroll Adjustment Form

UNIVERSITY OF RHODE ISLAND
IN-HOUSE PAYROLL ADJUSTMENT FORM

<table>
<thead>
<tr>
<th>FROM:</th>
<th>TO:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund</td>
<td>Fund</td>
</tr>
<tr>
<td>Department</td>
<td>Department</td>
</tr>
<tr>
<td>Program</td>
<td>Program</td>
</tr>
<tr>
<td>Project</td>
<td>Project</td>
</tr>
<tr>
<td>Account</td>
<td>Account</td>
</tr>
</tbody>
</table>

DOLLAR AMOUNT:

<table>
<thead>
<tr>
<th>FROM:</th>
<th>TO:</th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

Comments:

Effort Certification and Signatures:
I certify the adjustments requested are required to correct the distribution of payroll charges and the resulting charges represent a reasonable estimate of the actual effort expended during the pay period being adjusted.

Originator: Date:

Business Manager/Director: Date:

Office of Sponsored Projects: Date: