



# Streamlined Payroll Process

## Leading Research University

The client has devoted to excellence in teaching, learning, and research and to developing leaders in many disciplines globally.

## Project/Service Category

Application Development and Maintenance

## Technology

- Java, Tomcat, Oracle
- Hibernate ORM Frameworks
- Spring Core
- JAXB – SOAP/REST Integration
- JSF, JQuery, Bootstrap

## Benefits

- Provided quicker updates to all supplemental salary requests based on the funding agencies' requirement with the help of the implemented solution
- Single version of truth as a result of the centralized repository for faculty's supplemental salary details
- Saves a lot of time with the automated cost share calculation process in place for administrators to validate all the supplemental requests
- Reduced manual intervention with the help of streamlined workflow process for supplemental salary requests

## Background

The client's current payroll system had the supplementary salary details of Faculty of Arts & Science (FAS) entered manually which did not match with the faculty's total effort commitments during the fiscal year. Payroll transactions were time consuming due to the manual process involved. There was difficulty in processing the payroll without workflow and notifications which resulted in payroll prolongation.

Client wanted to develop a web based application to capture the FAS supplementary salary information along with:

- Workflow based system for administrators and faculty to submit their supplemental salary request
- Integration of the application with clients existing payroll information system

## Solution

HTC developed the application in compliance with OWASP security standards and W3C (AA) usability standards. The application captured all the faculty supplemental salary requests and routed the communication within the department and to FAS Finance. Cost sharing effort was properly recorded and sponsor name with related award/project specific information was displayed.

The solution enabled proper integration with the client's PIN authentication system authorized web service and provided administrative components to manage salary based on funding agencies limits. The solution also provided the ability to pull Payroll and Research Finance data from data warehouse and support 200+ supplemental salary request form submissions in a year. HTC team developed dashboards / reports to view all of the faculty's information in their department.



- Extensive experience in providing cost effective and innovative IT and Business Process Services and Solutions across domains for global customers since 1990
- Quality and information security processes compliant to SEI CMM Level 5, ISO 9001, ISO 27001, and PCI DSS standards
- Global presence, large delivery centers, talented professionals, capabilities across multiple technologies, platforms, and domains