FLORIDA INTERNATIONAL UNIVERSITY
BOARD OF TRUSTEES
AUDIT AND COMPLIANCE COMMITTEE

Tuesday, February 27, 2018
8:00 am
Florida International University
Modesto A. Maidique Campus
Student Academic Success Center, Room 100

Committee Membership:
Gerald C. Grant, Jr, Chair; Natasha Lowell, Vice Chair; Leonard Boord; Michael G. Joseph; Krista M. Schmidt; Kathleen L. Wilson

AGENDA

1. Call to Order and Chair’s Remarks
   Gerald C. Grant, Jr.

2. Approval of Minutes
   Gerald C. Grant, Jr.

3. Action Item
   AC1. Performance Based Funding Metrics Data Integrity
        A. Performance Based Funding – Data Integrity Certification
        B. Audit of Performance Based Funding Metrics
        Allen Vann

4. Discussion Items (No Action Required)
   4.1 Office of Internal Audit Status Report
       Allen Vann
   4.2 University Compliance and Ethics Quarterly Report
       Karyn Boston
   4.3 Enterprise Risk Management Status Update
       Karyn Boston

5. Report (For Information Only)
   5.1 Athletics Compliance Report
       Jessica L. Reo

6. New Business
   6.1 Office of Internal Audit Discussion of Audit Processes
       Gerald C. Grant, Jr.

7. Concluding Remarks and Adjournment
   Gerald C. Grant, Jr.

The next Audit and Compliance Committee Meeting is scheduled for Thursday, May 24, 2018
THE FLORIDA INTERNATIONAL UNIVERSITY
BOARD OF TRUSTEES
Audit and Compliance Committee
February 27, 2018

Subject: Approval of Minutes of Meeting held December 8, 2017

Proposed Committee Action:
Approval of Minutes of the Audit and Compliance Committee meeting held on Friday, December 8, 2017 at the FIU, Modesto A. Maidique Campus, Graham Center Ballrooms.

Background Information:
Committee members will review and approve the Minutes of the Audit and Compliance Committee meeting held on Friday, December 8, 2017 at the FIU, Modesto A. Maidique Campus, Graham Center Ballrooms.

Supporting Documentation: Minutes: Audit and Compliance Committee Meeting, December 8, 2017

Facilitator/Presenter: Gerald C. Grant, Jr., Audit and Compliance Committee Chair
1. Call to Order and Chair’s Remarks
The Florida International University Board of Trustees’ Audit and Compliance Committee meeting was called to order by Committee Chair Gerald C. Grant, Jr. at 8:34 am on Friday, December 8, 2017, at the FIU, Modesto A. Maidique Campus, Graham Center Ballrooms.

The following attendance was recorded:

<table>
<thead>
<tr>
<th>Present</th>
<th>Excused</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gerald C. Grant, Jr., Chair</td>
<td>Michael G. Joseph</td>
</tr>
<tr>
<td>Natasha Lowell, Vice Chair</td>
<td>0</td>
</tr>
<tr>
<td>Leonard Boord</td>
<td>0</td>
</tr>
<tr>
<td>Krista M. Schmidt</td>
<td>0</td>
</tr>
<tr>
<td>Kathleen L. Wilson</td>
<td>0</td>
</tr>
</tbody>
</table>

Board Chair Claudia Puig, Trustees Dean C. Colson and Marc D. Sarnoff, and University President Mark B. Rosenberg were also in attendance.

Committee Chair Grant welcomed all Trustees and University faculty and staff to the meeting.

Committee Chair Grant noted that at the Committee’s last meeting in June, he requested a report that details the audit areas that have been visited in the past, the top 10 areas that should be considered, and areas that have not been audited in over five years. Additionally, he stated that Trustee Leonard Boord requested the Office of Internal Audit’s Risk Assessment/Five Year Plan. Committee Chair Grant indicated that the Risk Assessment Five Year Plan provides a list of organizational units, measures risk, and reflects past audits and planned future audits and is part of the Office of Internal Audit’s Annual Activity Report.

2. Approval of Minutes
Committee Chair Grant asked that the Committee approve the Minutes of the meeting held on June 2, 2017. A motion was made and passed to approve the Minutes of the Audit and Compliance Committee Meeting held on Friday, June 2, 2017.
3. Discussion Items
3.1 Office of Internal Audit Status Report
Chief Audit Executive Allen Vann presented the Internal Audit Report, providing updates on recently completed audits. He reported that the audit of athletics department operations disclosed that the student athletic fees were properly assessed, collected, and accounted for. He explained that expenditure and operational controls and procedures need strengthening and that the audit resulted in seven recommendations.

Mr. Vann noted that the last audit of FIU Online occurred in April 2013 and that the current audit focused on the financial transactions for distance learning courses covered under Section 1009.24(17), Florida Statutes, and the information technology controls. He stated that 12 of the prior audit recommendations require further attention. Mr. Vann described the current audit recommendations, including the monitoring of fees to address the large fund balance, the strengthening of expenditures and operational controls and procedures, and the strengthening of information technology areas.

Mr. Vann also reported on the audit of the University’s IT network security controls, noting that five of the prior audit recommendations require further attention and that strengthening is needed in the areas of formal system-wide security risk assessments and critical firewall reviews. He reported that the audit of the adequacy of internal controls over personal data maintained by the University’s department of Enrollment Processing Services concluded that system controls are adequate to protect personal data from unauthorized access, distribution, use, modification, or disclosure. Mr. Vann also indicated that a review was completed of twenty-two institutions, who are sub-recipients under FIU grants, in order to ensure that sub-recipients are compliant with the financial reporting requirements under the respective acts and that their reports reflect that they are fiscally responsible and are free of, or have adequately addressed, material findings reported by their independent auditors.

Mr. Vann also reported on work in progress and presented a follow-up status report on past audit recommendations, noting that 33 of the 47 recommendations were completed and that the remaining recommendations are in progress.

3.2 University Enterprise Risk Management Status Report
Assistant Vice President and Chief Compliance Officer Karyn Boston explained that in September, Florida Board of Governors Chair Thomas G. Kuntz forwarded a survey to each State University System institution to collect information regarding the current status of the Enterprise Risk Management (ERM) or ERM-like programs at the state universities.

Trustee Boord suggested that the Committee may benefit from a framework, similar to that of the office of Internal Audit’s Risk Assessment/Five Year Plan, in terms of monitoring the effectiveness of the risk mitigation activities as well as the overall program effectiveness through the review of metrics and dashboards on a periodic basis.

In response to Trustee Boord’s inquiry regarding the ERM success factors, Ms. Boston stated that meaningful and effective communication will be maintained with the Board of Trustees and through
the Board’s feedback, key success drivers for the University will be jointly developed. Ms. Boston explained that each business unit ensures that standards are met and that risks are mitigated effectively and that ERM assists in aligning risk appetite and strategy and enhancing risk response decision-making. University President Mark B. Rosenberg noted that the Board of Trustees will play a critical role in assisting the University in ensuring that the risk types defined in the ERM program are integrated to FIU’s success and strategic plan.

Trustee Marc D. Sarnoff indicated that in order to gain a broader understanding and appreciation of the overall FIU student experience, the Board of Trustees could benefit from engaging with the student population. Vice President for Academic Affairs Elizabeth M. Bejar explained that the University could organize a forum or roundtable discussion in order to provide a platform for students to share their thoughts, ideas, and concerns.

Board Chair Claudia Puig described FIU’s unique mission, noting that the University serves a large percentage of economically disadvantaged students where many must hold full- or part-time employment. Committee Chair Grant discussed the academic and financial challenges he faced as a student at FIU and added that FIU’s unique mission reaffirms its commitment to the community by adhering to an inclusive approach that provides access to academically qualified students. Trustee Board mentioned that in the changing landscape of technology, Board members must recognize that the pace of change requires a new level of engagement with students and encouraged Trustees to attend University events in order to broaden their understanding of the student experience. Trustee Krista M. Schmidt discussed the positive collaborative partnership that student government shares with the University’s administration.

### 3.3 University Compliance Report

Ms. Boston presented a quarterly status update on the 2017-18 Compliance Work Plan. She noted that three of the 11 key action items have been completed. She reported that separation from the University of the prior Health Sciences Compliance Officer was deemed necessary and prudent. Ms. Boston noted that the position is currently under recruitment.

Ms. Boston explained that the State University System compliance program checklist informs the Florida Board of Governors (BOG) on the implementation status of BOG Regulation 4.003 and that 18 of the 19 required Regulation components must be in place by November 2018. She reported that FIU has already implemented 18 Regulation components, adding that the remaining component which pertains to an external assessment of the University’s Compliance program, is not due for implementation until 2022.

Ms. Boston reported that in response to the mandate from the National Collegiate Athletic Association (NCAA) to all Division I institutions to examine their men’s basketball programs for possible NCAA rules violations, FIU, through its athletics compliance officer, conducted interviews and required members of the men’s basketball coaching staff and basketball team to complete a risk questionnaire. She stated that based on the information obtained, there were no violations, including rule violations relating to student-athlete eligibility that required additional reporting. She added that the findings have been reviewed by General Counsel and outside counsel.
Ms. Boston stated that the University is in the process of expanding efforts in terms of education on sexual violence prevention and bystander intervention. Trustee Schmidt recommended that information also be included as part of each course’s syllabus.

4. Reports
Committee Chair Grant requested that the State University System of Florida Compliance Program Status Checklist and the Reports pertaining to Office of Internal Audit Annual Activity and Athletics Compliance be accepted as written. There were no objections.

5. New Business
5.1 Senior Management Discussion of Audit Processes
Committee Chair Grant noted that as is stipulated in the Audit and Compliance Committee Charter, the Committee must meet with Senior Management without the presence of the Office of Internal Audit. He further noted that as a meeting conducted in the Sunshine, no one present was required to leave during the discussion with Senior Management, adding that this was strictly voluntary. Vice President for University Operations and Chief of Staff Javier I. Marques reported that Mr. Vann has informed him of his desire to begin his retirement earlier than anticipated, effective June 2018 or until such time that the next University Chief Audit Executive has been named. Members of Senior Management discussed the Office of Internal Audit’s performance, as well as the performance of the University’s office of Compliance and Integrity.

Committee Chair Grant noted that a Board retreat would provide the platform for substantive and meaningful discussion in order to concentrate on issues critical to the University’s advancement.

6. Concluding Remarks and Adjournment
With no other business, Committee Chair Gerald C. Grant, Jr. adjourned the meeting of the Florida International University Board of Trustees Audit and Compliance Committee on Friday, December 8, 2017 at 9:57 a.m.

There were no Trustee requests.
Subject: Performance Based Funding Metrics
   A. Performance Based Funding – Data Integrity Certification
   B. Audit of Performance Based Funding Metrics Data Integrity

Proposed Committee Action:
Recommend that the Florida International University Board of Trustees:
1. Approve the Performance Based Funding – Data Integrity Certification to be signed by the Chair of the FIU Board of Trustees and the University President; and
2. Approve the Audit Report - Audit of the Performance Based Funding Metrics Data Integrity

Background Information:
This item is presented pursuant to a request from the State University System of Florida Board of Governors (BOG) dated June 30, 2017. At the direction of the FIU Board of Trustees (the BOT), the Chair of the BOT and President of the University shall execute a Data Integrity Certification furnished by the BOG. To make such certifications meaningful, the University’s Chief Audit Executive has been directed to perform an audit of the University’s processes that ensure the completeness, accuracy, and timeliness of data submissions. The results of this audit shall be provided to the BOG after being accepted by the BOT. The completed Data Integrity Certification and audit report shall be submitted to the Office of Inspector General and Director of Compliance no later than March 1, 2018.

Supporting Documentation:
February 2018 Data Integrity Certification
Audit of the Performance Based Funding Metrics Data Integrity

Facilitator/Presentor: Allen Vann
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INSTRUCTIONS: Please respond “Yes” or “No” for each representation below. Explain any “No” responses to ensure clarity of the representation you are making to the Board of Governors. Modify representations to reflect any noted audit findings.

<table>
<thead>
<tr>
<th>Performance Based Funding Data Integrity Certification Representations</th>
<th>Yes</th>
<th>No</th>
<th>Comment / Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. I am responsible for establishing and maintaining, and have established and maintained, effective internal controls and monitoring over my university’s collection and reporting of data submitted to the Board of Governors Office which will be used by the Board of Governors in Performance Based Funding decision-making.</td>
<td>☒</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>2. These internal controls and monitoring activities include, but are not limited to, reliable processes, controls, and procedures designed to ensure that data required in reports filed with my Board of Trustees and the Board of Governors are recorded, processed, summarized, and reported in a manner which ensures its accuracy and completeness.</td>
<td>☒</td>
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<tr>
<td>3. In accordance with Board of Governors Regulation 1.001(3)(f), my Board of Trustees has required that I maintain an effective information system to provide accurate, timely, and cost-effective information about the university, and shall require that all data and reporting requirements of the Board of Governors are met.</td>
<td>☒</td>
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<tr>
<td>4. In accordance with Board of Governors Regulation 3.007, my university shall provide accurate data to the Board of Governors Office.</td>
<td>☒</td>
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</tr>
<tr>
<td>5. In accordance with Board of Governors Regulation 3.007, I have appointed a Data Administrator to certify and manage the submission of data to the Board of Governors Office.</td>
<td>☒</td>
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<td></td>
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</tbody>
</table>
## Performance Based Funding Data Integrity Certification Representations

<table>
<thead>
<tr>
<th>Representations</th>
<th>Yes</th>
<th>No</th>
<th>Comment/Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>6. In accordance with Board of Governors Regulation 3.007, I have tasked my Data Administrator to ensure the data file (prior to submission) is consistent with the criteria established by the Board of Governors Data Committee. The due diligence includes performing tests on the file using applications/processes provided by the Board Office.</td>
<td>☒</td>
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<tr>
<td>7. When critical errors have been identified, through the processes identified in item #6, a written explanation of the critical errors was included with the file submission.</td>
<td>☒</td>
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<tr>
<td>8. In accordance with Board of Governors Regulation 3.007, my Data Administrator has submitted data files to the Board of Governors Office in accordance with the specified schedule.</td>
<td>☒</td>
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</tr>
<tr>
<td>9. In accordance with Board of Governors Regulation 3.007, my Data Administrator electronically certifies data submissions in the State University Data System by acknowledging the following statement, “Ready to submit: Pressing Submit for Approval represents electronic certification of this data per Board of Governors Regulation 3.007.”</td>
<td>☒</td>
<td>☐</td>
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<tr>
<td>10. I am responsible for taking timely and appropriate preventive / corrective actions for deficiencies noted through reviews, audits, and investigations.</td>
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<tr>
<td>11. I recognize that the Board’s Performance Based Funding initiative will drive university policy on a wide range of university operations – from admissions through graduation. I certify that university policy changes and decisions impacting this initiative have been made to bring the university’s operations and practices in line with State University System Strategic Plan goals and have not been made for the purposes of artificially inflating performance metrics.</td>
<td>☒</td>
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</table>
## Performance Based Funding Data Integrity Certification

<table>
<thead>
<tr>
<th>Performance Based Funding Data Integrity Certification Representations</th>
<th>Yes</th>
<th>No</th>
<th>Comment / Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>I certify that all information provided as part of the Board of Governors Performance Based Funding Data Integrity Certification is true and correct to the best of my knowledge; and I understand that any unsubstantiated, false, misleading, or withheld information relating to these statements render this certification void. My signature below acknowledges that I have read and understand these statements. I certify that this information will be reported to the board of trustees and the Board of Governors.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Certification: ____________________________ Date ________________________</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>President</td>
<td></td>
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<tr>
<td>I certify that this Board of Governors Performance Based Funding Data Integrity Certification has been approved by the university board of trustees and is true and correct to the best of my knowledge.</td>
<td></td>
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<tr>
<td>Certification: ____________________________ Date ________________________</td>
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<tr>
<td>Board of Trustees Chair</td>
<td></td>
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Audit of the Performance Based Funding Metrics Data Integrity

Report No. 17/18-07

January 29, 2018
Date: January 29, 2018

To: Kenneth G. Furton, Provost and Executive Vice President  
Hiselgis Perez, Director of Institutional Research

From: Allen Vann, Chief Audit Executive

Subject: Audit of the Performance Based Funding Metrics Data Integrity  
Report No. 17/18-07

Beginning in fiscal year 2013-14, the State University System of Florida Board of Governors (BOG) instituted a performance-funding program based on 10 performance metrics used to evaluate Florida’s public universities. Of the $520 million dollars in performance-based awards made by the BOG for fiscal year 2017-2018 FIU received $58.3 million.

Pursuant to a request by the (BOG), we have completed an audit relating to the University’s performance based funding metrics. The primary objectives of our audit were to:

1) Determine whether the processes established by the University ensures the reliability, accuracy, and timeliness of data submissions to the BOG, which support the Performance Based Funding Metrics; and

2) Provide an objective basis of support for the University Board of Trustees Chair and President to sign the representations made in the Performance Based Funding - Data Integrity Certification which will be submitted to the Board of Trustees and filed with the BOG by March 1, 2018.

Our annual audit confirmed the results of past audits that FIU continues to have good process controls for maintaining and reporting performance metrics data. In our opinion, the system in all material respects continues to function in a reliable manner.

I would like to take this opportunity to express our appreciation for the cooperation and courtesies extended to us during this audit.

Attachment

C: FIU Board of Trustees  
Mark B. Rosenberg, University President  
Kenneth A. Jessell, Chief Financial Officer and Senior Vice President  
Javier I. Marques, Chief of Staff – Office of the President  
Carlos Castillo, General Counsel
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<tr>
<td>Data File Submissions</td>
<td>17</td>
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<tr>
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<td>21</td>
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</table>
OBJECTIVES, SCOPE, AND METHODOLOGY

Pursuant to a request by the State University System of Florida (SUS) - Board of Governors (BOG), we have completed an audit of the Data Integrity over the University’s Performance Based Funding Metrics. The primary objectives of our audit were to:

(a) Determine whether the processes established by the University ensure the reliability, accuracy, and timeliness of data submissions to the BOG, which support the Performance Based Funding Metrics; and

(b) Provide an objective basis of support for the University Board of Trustees Chair and President to sign the representations made in the Performance Based Funding - Data Integrity Certification, which will be submitted to the Board of Trustees and filed with the BOG by March 1, 2018.

Our audit was conducted in accordance with the International Standards for the Professional Practice of Internal Auditing, and included tests of the supporting records and such other auditing procedures, as we considered necessary under the circumstances.

During the audit we:

1. Updated our understanding of the process flow of data for all of the relevant data files from the transactional level to their submission to the BOG;

2. Reviewed BOG data definitions, SUS Data workshop documentation, and meeting notes;

3. Interviewed key personnel including the University’s Data Administrator, functional unit leads, and those responsible for developing and maintaining the information systems;

4. Observed current practices and processing techniques;

5. Followed-up on prior audit recommendations;

6. Tested the system access controls and user privileges within the State University Database System (SUDS) application, upload folders and production data; and

7. Tested the latest data files for two of the ten performance based funding metrics submitted to the BOG as of September 30, 2017. Sample sizes and transactions selected for testing were determined on a judgmental basis.

Audit fieldwork was conducted from September to December 2017. In 2017 we issued the Audit of Performance Based Funding Metrics Data Integrity (Report No. 16/17-08), dated February 8, 2017. During the current audit, we observed that all recommendations previously reported were implemented by management. These instances are highlighted in applicable sections of this report.
BACKGROUND

The Florida Board of Governors (BOG) has broad governance responsibilities affecting administrative and budgetary matters for Florida’s 12 public universities. Beginning in fiscal year 2013-2014, the BOG instituted a performance funding program, which is based on 10 performance metrics used to evaluate the institutions on a range of issues including graduation and retention rates, job placement, and access rate, among other things. Two of the 10 metrics are Choice metrics; one picked by the BOG and one by each University’s Boards of Trustees. These metrics were chosen after reviewing over 40 metrics identified in the Universities’ Work Plans but are subject to change yearly.

The BOG model has four guiding principles:

1) Use metrics that align with SUS Strategic Plan goals;
2) Reward Excellence or Improvement;
3) Have a few clear, simple metrics; and
4) Acknowledge the unique mission of the different institutions.

The Performance Funding Program also has four key components:

1) Institutions are evaluated and receive a numeric score for either Excellence or Improvement relating to each metric;
2) Data is based on one-year data;
3) The benchmarks for Excellence were based on the Board of Governors 2025 System Strategic Plan goals and analysis of relevant data trends, whereas the benchmarks for Improvement were decided after reviewing data trends for each metric; and
4) The Florida Legislature and Governor determine the amount of new state funding and a proportional amount of institutional funding that would come from each university’s recurring state base appropriation.

In 2016, the Florida Legislature passed and the Governor signed into law the Board of Governors’ Performance-Based Funding Model, now codified into the Florida Statutes under Section 1001.66, Florida College System Performance-Based Incentive.
### FIU’s Performance Based Funding Metrics

<table>
<thead>
<tr>
<th>Metric</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Percent of Bachelor’s Graduates Employed and/or Continuing their</td>
<td>and/or Continuing their Education Further, One Year after Graduation</td>
</tr>
<tr>
<td>6. Bachelor’s Degrees Awarded in Areas of Strategic Emphasis (includes</td>
<td>STEM)</td>
</tr>
<tr>
<td>2. Median Average Wages of Undergraduates Employed One Year after</td>
<td></td>
</tr>
<tr>
<td>7. University Access Rate (Percent of Undergraduates with a Pell-grant)</td>
<td></td>
</tr>
<tr>
<td>3. Average Cost to the Student (Net Tuition &amp; Fees per 120 Credit</td>
<td></td>
</tr>
<tr>
<td>8. Graduate Degrees Awarded in Areas of Strategic Emphasis (includes</td>
<td>STEM)</td>
</tr>
<tr>
<td>4. Six Year Graduation Rate (Full-time and Part-time FTIC)</td>
<td></td>
</tr>
<tr>
<td>9. Board of Governor’s Choice - Percentage of Bachelor’s Degrees</td>
<td></td>
</tr>
<tr>
<td>5. Academic Progress Rate (2nd Year Retention with GPA above 2.0)</td>
<td>Without Excess Hours</td>
</tr>
<tr>
<td>10. Board of Trustee’s Choice - Bachelor’s Degrees Awarded to Minorities</td>
<td></td>
</tr>
</tbody>
</table>

The following table summarizes the performance funds allocated for the fiscal year 2017-2018 using the performance metrics results from 2016-2017, wherein FIU earned 68 points.

### Florida Board of Governors Performance Funding Allocation, 2017-2018

<table>
<thead>
<tr>
<th>Institution</th>
<th>Points</th>
<th>Allocation of State Investment</th>
<th>Allocation of Institutional Investment</th>
<th>Total Performance Funding Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF</td>
<td>95</td>
<td>$55,061,011</td>
<td>$48,516,241</td>
<td>$103,577,252</td>
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<tr>
<td>USF</td>
<td>84</td>
<td>45,396,585</td>
<td>39,206,903</td>
<td>84,603,488</td>
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<tr>
<td>UWF</td>
<td>82</td>
<td>20,969,853</td>
<td>12,068,867</td>
<td>33,038,720</td>
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<tr>
<td>FSU</td>
<td>81</td>
<td>38,547,492</td>
<td>43,267,593</td>
<td>81,815,085</td>
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<tr>
<td>UCF</td>
<td>78</td>
<td>35,692,230</td>
<td>40,062,707</td>
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<tr>
<td>NCF</td>
<td>75</td>
<td>2,469,535</td>
<td>2,771,928</td>
<td>5,241,463</td>
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<tr>
<td>FAU</td>
<td>72</td>
<td>19,395,004</td>
<td>21,769,903</td>
<td>41,164,907</td>
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<tr>
<td>FIU</td>
<td>68</td>
<td>27,468,290</td>
<td>30,831,754</td>
<td>58,300,044</td>
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<tr>
<td>FGCU</td>
<td>66</td>
<td>-</td>
<td>9,704,854</td>
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<td>FAMU</td>
<td>65</td>
<td>-</td>
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<tr>
<td>UNF</td>
<td>58</td>
<td>-</td>
<td>12,894,229</td>
<td>12,894,229</td>
</tr>
</tbody>
</table>

**Totals** | **$245,000,000** | **$275,000,000** | **$520,000,000** |

*Institutions scoring 50 points or less or the three lowest scoring universities will not receive any State Investment. Any ties in scores are broken using the tiebreaker policy approved by the BOG.*
At the November 3, 2016 Board of Governors Board (BOG) Meeting, changes to the Performance Based Funding Model were approved, among them changing Metric 3, from Average Cost per Undergraduate Degree to Net Tuition & Fees per 120 Credit Hours. The new metric was used in calculating the performance metrics results above. Also, agreed to at this BOG meeting, were changes to Metric 1 increasing the wage threshold from minimum wage to $25,000, with the change going into effect with the 2017 performance model. Metric 2 was also changed to include wages from bachelor’s recipients from data currently available from 42 states, the District of Columbia, and Puerto Rico, rather than just from Florida.

**Organization**

The Office of Analysis and Information Management (AIM) consists of Institutional Research (IR), and the Office of Retention & Graduation Success. One of the goals of AIM is to provide the University community with convenient and timely access to information needed for planning and data driven decision-making and to respond to data requests from external parties. IR is currently responsible for: Processing of Faculty Credentials; Assessment Support; Academic Programs; Faculty Assessment of Administrator System; Maintaining the FAIR system which is the online system used to credential faculty; Academic Program Inventory; and Assignment of CIP (Classification of Instructional Program) codes to courses. The Office of Retention & Graduation Success identifies barriers to student success and works to eliminate those barriers. This Office helps to carry out the Graduation Success Initiative (GSI), primarily by providing “Major Maps” and alerts for students and academic advisors, and information and analyses to departments and decision-makers.

IR has been the official source of FIU’s statistics, providing statistical information to support decision-making processes within all academic and administrative units at FIU, preparing reports and files for submission to the BOG and other agencies. It is also responsible for data administration, enrollment planning, and strategic planning. The Acting Vice Provost for AIM who is also the University’ Data Administrator reports directly to the Provost and is responsible for gathering data from all applicable units, preparing the data to meet BOG data definitions and requirements, and submitting the data.
At FIU, the Performance Funding Metrics reporting process flow consists of four layers that range from the University Production environment to the State University Database System application, as follows: (1) The Production data originated at the functional units: the Admissions Office, Registrar’s Office, Academic Advising, and Financial Aid departments (extracted from the PantherSoft Campus Solutions databases) is sent to (2) Staging tables (or directly to Upload folders). In the Staging environment, dedicated developers perform data element calculations that are based on BOG guidelines and are used to develop the Internal Portal. Once the calculations are completed, the data is formatted into text files and moved to an (3) Upload folder. Users then log into the (4) State University Database System (SUDS) and depending on their roles, they upload, validate, or submit the data.

The diagram below illustrates the operational controls and the information system access controls currently implemented in the overall data element process flow.
FINDINGS

Based on our audit, we concluded that there are no material weaknesses or significant deficiencies in the processes established by the University to report required data to the Board of Governors in support of their Performance Based Funding Metrics. The system is functioning in a manner that can be relied upon to provide complete, accurate and relatively timely data.

Accordingly, in our opinion, this report provides an objective basis of support for the Board of Trustees Chair and the University President to sign the representations made in the BOG Performance Based Funding – Data Integrity Certification, which the BOG requested be filed with them by March 1, 2018. Our evaluation of FIU’s operational and system access controls that fall within the scope of our audit is summarized in the following table:

<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>SATISFACTORY</th>
<th>FAIR</th>
<th>INADEQUATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process Controls</td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Policy &amp; Procedures Compliance</td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Effect</td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Information Risk</td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>External Risk</td>
<td></td>
<td>x</td>
<td></td>
</tr>
</tbody>
</table>

The result of the review of our objectives follows:

The result of the review of our objectives follows:
1. Review of Processes Flow of Data

During prior years’ audits, the Data Administrator provided us with an understanding of how the University ensured the completeness, accuracy, and timely submission of data to the BOG. Based on updates provided to us by the Data Administrator and other key personnel, we determined that no significant changes have occurred to the process flow of data.

AIM developed a tool within PantherSoft that generates edit reports similar to the ones found in the State University Database System (SUDS). This tool allows functional unit users more time to work on their file(s) since the BOG edits are released closer to the submission deadline. The purpose of the review is for functional unit users to correct any problems concerning transactional errors before submitting the files. During the prior audit, we found the Registrar’s Office, responsible for 5 of the 10 performance-based metrics, along with the Office of Financial Aid and the Graduation Office using the tool. The Data Administrator’s team routinely reviews the error reports and summary reports to identify and correct any data inconsistencies. According to AIM, they plan to continue to extend the use of the tool to all appropriate users. Furthermore, for certain files, there may be additional PantherSoft queries in place that users run to identify errors or bad data combinations.

In addition to the internal FIU reports, the BOG has built into the SUDS a data validation process through many diagnostic edits that flag errors by critical level. SUDS also provides summary reports and frequency counts that allow for trend analysis. The AIM team reviews the SUDS reports and spot-checks records to verify the accuracy of the data. Once satisfied as to the validity of the data, the file is approved for submission.

As a result of a prior audit recommendation, AIM developed the OPIR-BOG Business Process Manual. The Manual addresses BOG SUDS Portal Security, BOG SUDS File Submission Process, and details of the process for each file submitted to the BOG. It is also evident that the Manual has been continually updated since its implementation.

We also met with the Data Administrator to update our understanding of the processes in place to gather, test, and ensure that only valid data, as defined by the BOG, is timely submitted to the BOG. As explained, the Data Administrator’s team is responsible for the day-to-day reporting and understands the functional process flow, while the functional units are responsible for their data and understand the technical process flow.
**Steps BOG Files Submission Cycle**

1. The PantherSoft (PS) team extracts data from the PantherSoft database. Data are formatted according to the BOG data elements definitions and table layouts.

2. The PantherSoft team uploads data to SUDS and runs edits.

3. SUDS edits the data for possible errors and generates dynamic reports.

4. Functional unit users are notified that edits are ready to be reviewed.

5. Functional unit users review the edits and make any required transactional corrections in the PantherSoft database.

6. AIM Lead/PS Team/Functional unit users communicate by email, phone or in person about any questions/issues related to the file.

7. Steps 1-6 are repeated until the freeze date.

8. On the freeze date, a final snapshot of the production data is taken.

9. The file is finalized, making sure all Level-9 (critical) errors were corrected or can be explained.

10. AIM Lead reviews SUDS reports, spots-checks data and contacts functional unit users if there are any pending questions.

In summary, the data is extracted from the PantherSoft system and moved to a staging table where data calculation is performed for the elements required by the BOG. There are four layers within the data process flow that includes Production, Staging, Upload and the SUDS application. The Production Data element is extracted from the PantherSoft Campus Solutions databases, as applicable. AIM, in collaboration with the BOG team from the Division of IT translates the production data into separate staging database tables where the data elements are then programmatically calculated. Data is then extracted from the Staging tables, formatted into specific file formats, and uploaded to the SUDS online application. The University’s Division of IT assists AIM and the functional users in consolidating the data for the various files and loading data into SUDS for review and validation.

**Conclusion**

Based on the review performed, the data submitted to the BOG is properly validated prior to submission and approval and no material weaknesses were found in the University’s current processes flow of data.
2. System Access Controls and User Privileges Follow-up

Access controls testing included follow-up on prior audit recommendations and examination of user privileges within the State University Database System (SUDS) application, examination of audit log files, and production data. In our prior audit, we recommended that the Office of Analysis and Information Management (AIM) work with the functional units and the PantherSoft Security Team to:

a) Review user accounts to ensure on-boarded and off-boarded users have an associated PAWS ticket and the existing users’ access match their current job description;

b) Review and reduce access privileges to production and stage environments to appropriately mitigate least privileged and segregation of duties risks; and

c) Continue to create a log reporting mechanism for all metric data files, where appropriate, that is user friendly to ensure the integrity of the data sent to the BOG.

Management agreed with the recommendations and responded that they developed a process to ensure that access privileges accurately portray each user’s job responsibilities, and any changes in access are accurate and consistently logged with PAWS tickets. In addition, they would work with IT to review access privileges of users in the PantherSoft production and stage environments, and ensure that user security policies are enforced in a manner that portrays the necessities of job duties, including revoking or limiting access when appropriate. Finally, they would work with IT to create a user-friendly report that would enable AIM to monitor access privileges for these fields continually.

The following were the results of our follow-up into these areas:

a. Review and Deactivate State University Database System User Accounts

In addition to management’s actions stated above, AIM now employs a Data Analyst III whose job duties include the maintenance of user accounts’ access. In our prior audits, we noted that they relied on expired passwords as a mitigating access control. However, a BOG Database Administrator stated that this is not a good control, as the system will prompt the user to create a new password. She also said that user accounts would need to be deactivated in order to revoke their access. With their new understanding of SUDS user accounts, AIM identified three user accounts that had not signed-in since 2014. They found that two had transferred job duties and one had retired from FIU. Additionally, AIM found one terminated account and identified an additional 21 users that were questionable. After communicating with the functional units, they deactivated 13 of the 21 user accounts. All of the deactivated user accounts had corresponding PAWS tickets.

Job duties may change as the user account sits dormant and can increase the risk of inappropriate access should they reactivate their account. AIM has adequately identified and deactivated user accounts from the SUDS.
b. **Limit Access to Production Data**

Figure 1 – *Production Data Elements Process Flow* illustrates the four departments: Admissions Office, Registrar’s Office’s, Academic Advising, and Financial Aid’s data that feed into the production system available to the Office of Analysis and Information Management (AIM). Our prior audit recommendation stated that AIM should work with the functional units, and the PantherSoft Security Team to review and reduce access privileges to production and stage environments and appropriately mitigate least privileged, and segregation of duties risks. Management agreed and stated that they would work with IT to review access privileges of users in the PeopleSoft production and stage environments, and ensure that user security policies are enforced in a manner that portrays the necessities of job duties, including revoking or limiting access when appropriate. According to management, they implemented access reviews in April 2017.

According to documentation provided by AIM, in February 2017 they started reviewing write-access for all metrics except for the recently revised Metric 3. In their write-access reviews, they identified 25 questionable user accounts. User access was changed to view-only or disabled for 12 users after obtaining approval from the functional units.

In our prior audit, we found two members of the Academic Advising Department that had write-access to the fields in the staging environment (see Figure 2 – Upload Process Flow). The stage environment, used for programming field calculations, is a high-risk area as it is the final step before the data is uploaded to the State University Database System. Users with write-access in staging can manipulate values that are not consistent with production data. AIM sent an inquiry to the PantherSoft Security Team and confirmed that they removed the user’s access from the staging tables on December 13, 2016. By continually reviewing user access, AIM reduces the integrity risk to the data uploaded to the BOG.

c. **Review Log Reports**

As expressed in prior audit reports we recommended that audit logging capabilities should be added to 20 identified in-scope production data fields, where appropriate, to mitigate the risk of an unauthorized data change. In addition, we recommended that AIM should continue to create a log reporting mechanism for all metric data files, where appropriate, that was user-friendly to help ensure the integrity of the data sent to the BOG.
Management agreed and stated that they implemented log reviews in April 2017. Documentation provided by AIM showed that they reviewed log files and identified 26 users that made changes to the BOG data as questionable. After communicating with the functional units, the PantherSoft Security Team removed write-access or reduced access to read-only on 10 user accounts.

Ultimately, the University Data Administrator is accountable for the data provided to the BOG. Log reporting mechanisms are an effective detection control to help the Data Administrator mitigate least privileged and segregation of duties risks. Overall, in a combined effort between the functional units and AIM, 22 of the 51 identified user accounts (43%) had their write-access removed. The continued review of log reports reduces the integrity\(^1\) risks to the data uploaded to the BOG.

Conclusion

The combination of system access controls that are now implemented reduce the likelihood that an unauthorized data change can be made and go undetected. AIM and the PantherSoft Security Team have satisfactorily corrected the access control deficiencies we noted in the prior year audit.

\(^1\) COBIT 5.0 correlates Integrity to the information quality goals completeness and accuracy.
3. Grade Change Process Follow-up

Many of the performance-based funding metrics rely on student course grades. For example, the graduation and retention data files use student course grades to determine term and cumulative GPA, the earning of credit hours towards graduation, and ultimately the degree awarded. During our prior audit, we identified that 71 percent of all grade changes made during the audit period used a generic-user identification (ID). Our concern was the usage of a generic ID during the grade change would remove the accountability for their actions, thereby increasing the risk that inappropriate grade changes could go undetected.

The PantherSoft Security Team provided us with evidence that showed their ability to track an individual’s use of the generic-named user account when posting grades. Since our prior audit, the PantherSoft Security Team implemented an additional tracking mechanism through the combination of the SIEM² and firewall logs. We selected a student grade change from the Fall 2017 semester to observe the tracking process. From the documentation provided, we were able to identify the instructor and approver of the student’s grade at the date and time the change took place.

Conclusion

By concurrently using the SIEM and firewalls, the PantherSoft Security Team has implemented adequate mitigating controls that provide non-repudiated evidence for all grade changes and approvals made by the instructor and approver when using the generic ID user account.

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² Security Information and Event Management tool
4. Data Accuracy Testing

This is our fourth audit of the performance based funding metrics since its inception in 2014-15. During that first year audit, we conducted data accuracy testing on all 10 metrics as requested by the BOG. Subsequently, our data accuracy testing has focused on specific metrics and following up of any prior year recommendations. In 2015-16, we conducted data accuracy testing on Metrics 6, 7, 8 and 10. Then in 2016-17, our data accuracy testing examined Metrics, 1, 2, 4 and 5. Thus, for this audit period, based on the lack of any prior year finding during data accuracy testing, we determined to examine Metrics 3 and 9, since these were the last two metrics not examined since 2014-15, and coincidentally, this is the first year of the revised Metric 3. We identified the main data files and tables related to the calculations of the two performance based funding metrics under review, as follows:

- Hours to Degree File (HTD), Courses to Degree Table:
- Student Financial Aid File (SFA), Financial Aid Award Table; and
- Student Instruction File (SIF), Enrollment Table.

The BOG provided us with the in-scope data elements for each of the metrics under review (see Appendix A – In-scope BOG Data Elements), which we used in our testing.

Data accuracy for two of the ten metrics was tested by reviewing the corresponding data files, tables and elements, and by tracing them to the source document data in PantherSoft. A number of reconciliations were also performed. Testing was limited to the PantherSoft data itself as the objective of our testing was to corroborate that the data submitted was in fact unabridged from/identical to the data contained in the University's PantherSoft system.

Metrics Testing

The two performance based funding metrics tested were as follows:

- Metric 3 - Common to All Universities - Net Tuition & Fees per 120 Credit Hours.
- Metric 9 - Board of Governor’s Choice - Percentage of Bachelor Degrees Without Excess Hours.

Metric 3

The original Cost per Bachelor’s Degree focused on the Cost to the Institution and was derived from university Expenditure Analysis reports. In 2016, the Board decided to use a Cost to the Student metric calculated using the Net Tuition and Fees per 120 credit hours. Net tuition and fees is comprised of the following:

- Sticker Price
- Financial Aid
- Net Tuition & Fees
The “sticker price” refers to the sum of the published tuition and required fees amount per credit hour and the national average cost for books and supplies. Because this metric represents the cost of a degree, each institution’s sum of tuition, fees, books, and supplies is multiplied by the average number of credit hours attempted by students who started as first-time-in-college students (FTIC) and graduated from a program that requires only 120 hours. This method recognizes that a student who enrolls in more credit hours pays more tuition, fees, and books.

Financial aid is used by universities to offset the published tuition (or sticker) price as a way to recruit students based on merit and/or to change campus diversity. The “Cost to the Student” metric includes all the gift aid (e.g., scholarships, grants and waivers) awarded to resident undergraduates in a given academic year.

The datamarts used for this metric are built from the following SUDS files: Hours to Degree (HTD), Student Financial Aid (SFA), and the Student Instruction (SIF) Files.

We obtained the annual 2015 HTD File (2015-2016 academic year) submitted on October 21, 2016, which was the most current file as of September 30, 2017. The File contained 7,946 students with degrees awarded for Summer 2015, Fall 2015, and Spring 2016. In addition, we obtained the SFA File submitted in Fall 2016 for the 2015-2016 academic year. We reconciled the total amount distributed, $467 million, to a report obtained from the Office of Financial Aid. The report provided is the result of a query run by the Office of Financial Aid to reconcile the SFA File to the PantherSoft system. The total amount distributed agreed to the SFA File without exception. Finally, we selected the Spring 2017 semester SIF File for testing which included 52,724 students and reconciled it to the number of students enrolled (Student Headcount and Demographics) on AIM's online Accountability Dashboards without exception.

As part of our testing, we selected a sample of 16 students to test against the HTD File. We then verified that the students’ courses and related information matched the data in the PantherSoft system and found no differences in any of the four elements reviewed. We then selected 33 students to test the one related element in the SFA File for accuracy. We agreed the students’ awards disbursed against the PantherSoft system and found no differences between PantherSoft and the SFA File.

However, during our IT review we noted that according to the Performance Funding Metrics Cost to the Student Overview of Methodology and Procedures document, grants and scholarships are often called “gift aid” because they are free money – financial aid that does not have to be repaid. The Financial Aid Award Program Identifier (Element 01253) contains the scholarship codes for each student. To evaluate the validity of the information, we examined the application code used to calculate and upload the Financial Aid Award Program Identifier data to the SUDS. In our examination, we noted that the code retrieved data from the production environment. The program parses and copies the first three characters to the staging table. We found that the staging table where the data resided and the field mapping did not match. The significance is that the effectiveness of existing integrity controls diminish when performed on the wrong field. The PantherSoft
Department provides the field maps that AIM uses to determine who has write-access and who made the change. Thus, we contacted the PantherSoft Security Team and requested a retest to see if any users had write-access to the field. We observed their testing process and determined that no users had write-access. Thus, we concluded that there was no impact to the data integrity due to the incorrect field map.

Finally, we selected 30 students for testing the two elements related to the SIF File for accuracy. We found no differences between PantherSoft and the SIF File. However, one of the elements tested was Element 01106 - Fee Classification-Residency. On December 11, 2017, our Office issued the Audit of Residency Classification for Tuition Purposes (Report No. 17/18-04), wherein we found that the re-classification to in-state student residency status was not always adequately documented or supported, resulting in students being misclassified. In addition, IT controls related to the student residency data needed to be strengthened. Nevertheless, the classification, as reported within the PantherSoft system was properly submitted to the BOG.

Conclusion

We determined that the data submitted to the BOG in the HTD, SFA, and SIF Files for Metric 3 represents the data in the University’s PantherSoft Campus Solutions system.

Metric 9

In 2009, the Florida Legislature established an “Excess Credit Hour Surcharge” to encourage students to complete their baccalaureate degrees as quickly as possible. This law created an additional fee for each credit hour that exceeds specific thresholds. In 2014, the importance of the excess hours metric was further elevated by its inclusion as Metric 9 (Percent of Bachelor’s Degrees without Excess Hours) in the Performance-Based Funding Mode. The source data for the excess hour’s accountability metric are the Courses to Degree (CTD) Table and the Hours to Degree (HTD) File that are submitted to SUDS by each university as part of their HTD File. The HTD File only includes single-major bachelor’s degree recipients who were awarded a bachelor’s for the first time during the academic year – summer, fall, and spring terms.

We obtained the HTD File submitted on October 21, 2016 for the 2015-2016 academic year, as the file is uploaded every year during Fall and was the most current file as of September 30, 2017. The HTD File submitted in Fall 2016 contained 7,946 students with degrees awarded for Summer 2015, Fall 2015, and Spring 2016.

As part of our testing of the HTD File, we also obtained the Courses to Degree Table for all the students, as this was needed to vouch the seven elements associated to Metric 9 to the PantherSoft system. We sampled data for 16 students and verified that the students’ courses and related information in the Courses to Degree Table matched the data in PantherSoft and found no differences in six of the seven elements reviewed against the data submitted to the BOG. However, during testing we noted Element 02065 (Excess Hours Exclusion) was left blank on the file submitted to the BOG. The element is used to identify hours to be excluded from the excess hours calculation for personal
hardship withdrawal and active duty military. The Data Administrator explained that the PantherSoft system currently has no mechanism in place to capture this information, thus it is reported as blank. She added, “The impact on Metric 9 is that it may reduce the amount of credit hours that are counted towards the excess hours’ calculation. For instance, if a student withdraws from all their classes for a semester due to a personal hardship or for being called to active military duty, those courses can be deducted from the total hours that count toward their degree, resulting in less excess hours.” The inclusion of any excludable excess hours in the University’s data submission is a potential detriment to the Metric 9 calculation for the University. Nevertheless, we do not believe this had a significant impact.

Conclusion

The results of our review of the CTD data found no differences relating to the relevant elements for Metric 9. IR performs the reconciliation and verifies that the data submitted by the BOG matches the data in FIU’s system, as such, the data used to build the HTD File for Metric 9 accurately reflects the data in the University’s PantherSoft system.
5. Data File Submissions and Resubmissions

Data File Submissions

To ensure the timely submission of data, AIM used the due date schedule provided by the BOG as part of the SUS data workshop to keep track of the files due for submittal and their due dates. AIM also maintains a schedule for each of the files to be submitted, which includes meeting dates with the functional unit leads, file freeze date, file due date, and actions (deliverables) for each date on the schedule. We used data received directly from the BOG - IRM Office in addition to data provided by AIM to review the timeliness of actual submittals.

The following table and related notes, where applicable, reflects the original due dates and original submittal dates of all relevant Performance Based Funding Metrics files submitted during our audit period:

<table>
<thead>
<tr>
<th>File</th>
<th>File Submission</th>
<th>Period</th>
<th>Original Due Date</th>
<th>Original Submittal Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIF</td>
<td>Student Instruction</td>
<td>Summer 2016</td>
<td>10/03/2016</td>
<td>10/04/2016(^1)</td>
</tr>
<tr>
<td>SFA</td>
<td>Student Financial Aid</td>
<td>Annual 2015</td>
<td>10/14/2016</td>
<td>10/05/2016</td>
</tr>
<tr>
<td>SIFD</td>
<td>Degrees Awarded</td>
<td>Summer 2016</td>
<td>10/14/2016</td>
<td>10/14/2016</td>
</tr>
<tr>
<td>SIFP</td>
<td>Student Instruction Preliminary</td>
<td>Fall 2016</td>
<td>10/21/2016</td>
<td>10/21/2016</td>
</tr>
<tr>
<td>HTD</td>
<td>Hours to Degree</td>
<td>Annual 2015</td>
<td>10/21/2016</td>
<td>10/21/2016</td>
</tr>
<tr>
<td>SIF</td>
<td>Student Instruction</td>
<td>Fall 2016</td>
<td>01/23/2017</td>
<td>01/20/2017</td>
</tr>
<tr>
<td>RET</td>
<td>Retention</td>
<td>Annual 2015</td>
<td>01/25/2017</td>
<td>01/24/2017</td>
</tr>
<tr>
<td>SIFD</td>
<td>Degrees Awarded</td>
<td>Fall 2016</td>
<td>02/10/2017</td>
<td>02/10/2017</td>
</tr>
<tr>
<td>ADM</td>
<td>Admissions</td>
<td>Spring 2017</td>
<td>02/24/2017</td>
<td>02/24/2017</td>
</tr>
<tr>
<td>SIF</td>
<td>Student Instruction</td>
<td>Spring 2017</td>
<td>06/19/2017</td>
<td>06/19/2017</td>
</tr>
<tr>
<td>SIFD</td>
<td>Degrees Awarded</td>
<td>Spring 2017</td>
<td>07/06/2017</td>
<td>07/06/2017</td>
</tr>
<tr>
<td>ADM</td>
<td>Admissions</td>
<td>Summer 2017</td>
<td>09/22/2017</td>
<td>09/22/2017</td>
</tr>
<tr>
<td>SIF</td>
<td>Student Instruction</td>
<td>Summer 2017</td>
<td>09/29/2017</td>
<td>09/29/2017</td>
</tr>
</tbody>
</table>

\(^1\)Management informed us that the Summer 2016 Student Instruction File was submitted one day late due to “there being a big change in the space file when they moved the space file to a new reporting environment. The integration of the new environment with the SIF file was not a smooth one and it caused a delay”.
**Data File Resubmissions**

The list of resubmissions since the last audit was obtained from the BOG-IRM staff. The Data Administrator described the nature and frequency of these resubmissions and provided correspondence between the BOG and the University. The correspondence between the BOG and the University related to the data resubmissions and AIM examined them to identify lessons learned and determine whether any future actions can be taken that would reduce the need for resubmissions.

The Data Administrator has previously noted, “Resubmissions are needed in the case of data inconsistencies detected by us or the BOG staff after the file has been submitted. Of course, our goal is to prevent any resubmissions; however, there are some instances when this happens. A common reason for not detecting the error before submission is that there are some inconsistencies that only arise when the data is cross-validated among multiple files... We used the resubmission process as a learning tool to identify ways to prevent having the same problems in the future. When logic changes are implemented or added it is an additional edit in our internal tool.”

In regards to the frequency of the resubmissions, a list was provided by the BOG-IRM staff for all files submitted pertaining to the 10 performance based funding metrics. For files with due dates between October 1, 2016 and September 30, 2017, the University submitted 13 files to the BOG.

The following table describes the two files resubmitted and AIM’s reasons for each resubmission.

<table>
<thead>
<tr>
<th>No.</th>
<th>File Submission</th>
<th>Period</th>
<th>Original Due Date</th>
<th>Resubmitted Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Student Instruction</td>
<td>Summer 2016</td>
<td>10/3/2016</td>
<td>10/13/16</td>
</tr>
<tr>
<td></td>
<td><strong>AIM Reason for Resubmission:</strong> We communicated with the BOG about students who submitted transcript credits after submission of admission file. When we asked the BOG for guidance prior to the submission, they instructed us via conference call to submit the file “as is” to explain those cases that caused the errors. After the file was submitted and the BOG began their review, they communicated to us that the students should not be explained but rather we needed to update the student record to reflect the new transcript information. Since the file was already submitted, they asked us to resubmit the file in order to fix the information for 22 students with this issue. Thus, the resubmission was caused by inconsistent directions from the BOG.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Student Instruction</td>
<td>Spring 2017</td>
<td>6/19/2017</td>
<td>7/3/2017</td>
</tr>
<tr>
<td></td>
<td><strong>AIM Reason for Resubmission:</strong> Originally submitted 6/19/2017. Resubmitted as per the Institutional Research Assistant Vice Chancellor’s recommendation to include excess credit hours (Element 02058).</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Both resubmission requests originated from the BOG. The reasons for resubmissions varied, as noted above. In regards to the resubmissions being authorized, in all instances observed, the BOG staff authorized the resubmission by reopening the SUDS system for resubmission. Furthermore, a continuing improvement has been noted from prior years' where four files were resubmitted in 2016-17 and nine were resubmitted in 2015-16.

Conclusion

Our review disclosed that the process used by the Data Administrator provides reasonable assurance that complete, accurate and for the most part timely submissions occurred. The one late filing was the result of a system issue, not considered systemic, while the two resubmissions were necessary and authorized. In addition, there were no reportable material weaknesses or significant control deficiencies that surfaced relating to data file resubmissions.
6. Review of University Initiatives

A listing of University initiatives that are meant to bring the University’s operations and practices in line with SUS Strategic Plan goals were obtained. Below is a list of such initiatives:

- Implemented E&G revenue reallocation model
- Implemented faculty reallocation model for academic units
- Provided greater access to on-demand analytics relevant to the metrics
- Implemented student level graduation benchmarking
- Implemented student attendance and midterm progress monitoring and outreach
- Integration of career and academic advising
- Strategic enrollment planning and course scheduling optimization via Noel Levitz and Platinum Analytics
- Created an Office of Scholarships and Academic Program Partners to support all colleges in their efforts to apply foundation scholarship funds to student success and enrollment goals
- Implemented centralized coordination and local deployment for student recruitment efforts
- Established centralized retention, graduation, and student success outreach

Conclusion

None of the initiatives provided appear to have been made for the purposes of artificially inflating performance goals.
## APPENDIX A

### In-Scope BOG Data Elements Testing

<table>
<thead>
<tr>
<th>Metric No.</th>
<th>Metric Definition</th>
<th>Submission/Table/Element Information</th>
<th>Relevant Submission</th>
</tr>
</thead>
</table>
| 3          | Cost to the Student | **Submission:** HTD  
**Table:** Courses to Degree  
**Elements:** 01484 – Course System Code  
01485 – Course Grouping Code  
01489 – Credit Hour Usage Indicator  
01459 – Section Credit (Credit Hours)  
Source: Accountability Report (Table 1D) – which, combines the legislature’s annual General Appropriations Act, university required fees and several files (HTD, SFA, SIF) within SUDS. | 2015-2016  
Academic Year  
October 21, 2016 |
| 9          | Percent of Bachelor’s Degree without Excess Hours | **Submission:** HTD  
**Table:** Courses to Degree  
**Elements:** 01104 – Course Section Type  
01484 – Course System Code  
01485 – Course Grouping Code  
01488 – Credit Hour Testing Method  
01489 – Credit Hour Usage Indicator  
01459 – Section Credit (Credit Hours)  
02065 – Excess Hours Exclusion  
Source: Accountability Report (Table 4J), State University Database Systems (SUDS). | October 21, 2016  
Academic Year  
October 21, 2016  
January 23, 2017  
June 19, 2017  
September 29, 2017 |
Office of Internal Audit Status Report

BOARD OF TRUSTEES

February 27, 2018
Date: February 27, 2018

To: Board of Trustees Audit and Compliance Committee Members

From: Allen Vann, Chief Audit Executive

Subject: OFFICE OF INTERNAL AUDIT STATUS REPORT

I am pleased to provide you with our quarterly update on the status of our office’s work activities. Since our last update to the Board of Trustees Audit and Compliance Committee on December 8, 2017, the following projects were completed:

**Audit of the Performance Based Funding Metrics Data Integrity**

Beginning in fiscal year 2013-14, the State University System of Florida Board of Governors (BOG) instituted a performance-funding program based on 10 performance metrics used to evaluate Florida’s public universities. Of the $520 million dollars in performance-based awards made by the BOG for fiscal year 2017-2018, FIU received $58.3 million.

Our annual audit confirmed the results of past audits that FIU continues to have good process controls for maintaining and reporting performance metrics data. In our opinion, the system in all material respects continues to function in a reliable manner.

**Audit of the Robert Stempel College of Public Health and Social Work**

The College’s interdisciplinary structure combines its departments of public health in partnership with the disciplines of dietetics and nutrition, social work and disaster preparedness. For fiscal year 2016-2017, the College spent $13.7 million from Educational & General (E&G) funding and $232,000 from auxiliary funding sources. Total enrollment for the fall of 2016 was 571 undergraduate and 536 graduate students.

Our audit disclosed that the College’s established controls relating to revenues and expenditures were good, and adequate processes were in place to monitor its fiscal activities. We found some opportunities where internal controls could be strengthened, particularly pertaining to: the payroll approval process; asset management; and information security controls over research data. The audit resulted in 12 recommendations, which management agreed to implement.
Review of Travel Expense Reports

In November 2017, the Office on Internal Audit discovered a control weakness in the preparation of employee Expense Reports relating to reimbursements of travel expenses paid with the University’s Departmental credit card. The identified weakness resulted in $13,339 being over-reimbursed to employees. The identified weakness involved Expense Report preparers neglecting to check-off the Non-Reimbursable box for any expense line item not to be reimbursed to the employee. The Controller’s Office indicated that, among other actions, they would obtain reimbursements from overpaid travelers and institute better system controls.

Audit of FIU Football Attendance for the 2017 Season in Accordance with NCAA Bylaws

The objective of our audit was to certify the accuracy of the season’s attendance at FIU home football games reported by the University to the National Collegiate Athletic Association (NCAA) for the 2017 season. Based on the methodology adopted by the FIU Athletics Department, we found that the football attendance data reported to the NCAA on the 2017 Football Paid Attendance Summary sheets are supported by sufficient, relevant, and competent records. We are also pleased to report that the current year’s average home attendance of 15,920 meets minimum NCAA requirements.

Work in Progress

The following ongoing audits are in various stages of completion:

<table>
<thead>
<tr>
<th>Audits</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residency Classification for Tuition Purposes</td>
<td>Completed</td>
</tr>
<tr>
<td>The Wolfsonian – Florida International University</td>
<td>Drafting Report</td>
</tr>
<tr>
<td>College of Arts, Sciences and Education – Center for Children and Families</td>
<td>Drafting Report</td>
</tr>
<tr>
<td>University Implementation of Prior Years’ Recommendations</td>
<td>Fieldwork in Progress</td>
</tr>
<tr>
<td>College of Engineering and Computing</td>
<td>Fieldwork in Progress</td>
</tr>
<tr>
<td>HCN’s Billing, Collections and Electronic Medical Record Systems</td>
<td>Fieldwork in Progress</td>
</tr>
</tbody>
</table>
Semi-Annual Follow-Up Status Report

We surveyed management on their progress towards completing past recommendations that were currently due for implementation. According to management, 13 of 24 recommendations were completed. Management has not fully implemented the remaining recommendations and provided updates on expected completion.

<table>
<thead>
<tr>
<th>Audits</th>
<th>Total Due for Implementation</th>
<th>Implemented</th>
<th>Not Fully Implemented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile Health Center</td>
<td>4</td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>5</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>University Building Access Controls</td>
<td>4</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Construction of the Student Academic Success Center</td>
<td>3</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Nepotism Policies and Procedures</td>
<td>3</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Laboratory Safety Process</td>
<td>1</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Pharmacy Operations</td>
<td>2</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Bank Account Reconciliations</td>
<td>1</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>University IT Network Security Controls</td>
<td>1</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>24</strong></td>
<td><strong>13</strong></td>
<td><strong>11</strong></td>
</tr>
<tr>
<td><strong>Percentages</strong></td>
<td><strong>100%</strong></td>
<td><strong>54%</strong></td>
<td><strong>46%</strong></td>
</tr>
</tbody>
</table>
MANAGEMENT RESPONSES TO OUTSTANDING AUDIT RECOMMENDATIONS WITH REVISED TARGET DATES

Audit of the Mobile Health Center (September 13, 2016)

1. Audit Issue: **Information Systems Security Controls** (Recommendation #1.4)

   **Recommendation:**
   Conduct more comprehensive risk assessment.

   **Action Plan to Complete:**
   According to the Herbert Wertheim College of Medicine (HWCOM), the Division of IT is in the process of engaging a third party to perform comprehensive risk assessments.

   Original Target Date: March 1, 2017          New Target Date: Ongoing

2. Audit Issue: **Network Security Controls** (Recommendation #2.1)

   **Recommendation:**
   Work with the University’s Technology Network Services Department to:
   a) conduct vulnerability scans on MHC devices and
   b) connect the mobile vans’ routers system logs and the CPS and NHelp applications to the SIEM

   **Action Plan to Complete:**
   According to HWCOM, full completion is pending Division of IT systems upgrades.

   Original Target Date: March 1, 2017          New Target Date: Ongoing

3. Audit Issue: **Identity Access Management Control** (Recommendation #3.3)

   **Recommendation:**
   Review application audit log files starting from June 2015.

   **Action Plan to Complete:**
   The former Health Affairs Compliance Officer was responsible for this. Management is in the process of recruiting for a replacement.

   Original Target Date: March 1, 2017          New Target Date: April 30, 2018
4. Audit Issue: **Network Security Controls** (Recommendation #3.5)

**Recommendation:**

Work with the University’s Network Services Department to ensure that Network Services employees access to DLP data is limited to the necessity of their assignments.

**Action Plan to Complete:**

According to HWCOM, the Division of IT is working on University-wide solution.

Original Target Date: March 1, 2017  
New Target Date: Ongoing

---

**Audit of Financial Aid (February 10, 2017)**

1. Audit Issue: **Enrollment Status** (Recommendation #2.1)

**Recommendation:**

Ensure that courses that do not count towards a program of study are excluded when determining a student’s enrollment status and cost of attendance for federal student aid.

**Action Plan to Complete:**

FIU has purchased EduNav. We will undergo implementation of this recommendation for Fall 2018.

Original Target Date: May 31, 2017  
New Target Date: August 1, 2018

2. Audit Issue: **Tuition Differential Aid** (Recommendation #3.1)

**Recommendation:**

Work with the Provost to establish a Financial Aid Policy Committee and update policies and procedures for financial aid programs, as necessary.

**Action Plan to Complete:**

The nomination process for new members is ongoing. Meeting schedules are being established with the first meeting set for April 1, 2018.

Original Target Date: April 1, 2017  
New Target Date: April 1, 2018
3. Audit Issue: **Financial Aid Staff Training** (Recommendation #6.1)

**Recommendation:**

Ensure that all Financial Aid staff receive sufficient on-going training opportunities specific to their duties.

**Action Plan to Complete:**

All staff members receive training every other month at our Monthly All Staff meeting. We are also working with the OneStop Training Officer on setting up the training schedule for the month where we do not have training.

Original Target Date: April 1, 2017       New Target Date: March 1, 2018

---

**Audit of University Building Access Controls (January 20, 2016)**

1. Audit Issue: **Oversight/Management of Building Access Controls** (Recommendation #4.2)

**Recommendation:**

Develop procedures to perform periodic physical inventories of keys, especially master keys.

**Action Plan to Complete:**

Phase 1 – Completed.

Phase 2 - Consolidated Automated Key Inventory will be started in the Summer of 2018

Original Target Date: June 30, 2016       New Target Date: July 30, 2019

2. Audit Issue: **Oversight/Management of Building Access Controls** (Recommendation #4.4)

**Recommendation:**

Provide guidance and/or training to all individuals who have been delegated facilities access control responsibilities.

**Action Plan to Complete:**

Key Control conducted 22 training sessions last year on using the SMS software. Training will continue and will be further enhanced during phase 3 of the system upgrade.

Original Target Date: June 30, 2016       New Target Date: July 30, 2019
Review of Nepotism Policies and Procedures (July 19, 2016)

1. Audit Issue: Nepotism (Recommendation #1.2)

   Recommendation:

   Perform further analysis whenever related employees within or outside of the reporting lines have approval authority that may require additional mitigating controls.

   Action Plan to Complete:

   Our Team has been developing automation for implementation of this recommendation. We have made significant progress working with the developers to achieve optimum solutions in bringing a self-service disclosure and approval workflow.

   Original Target Date: October 31, 2016
   New Target Date: March 31, 2018

2. Audit Issue: Nepotism (Recommendation #1.3)

   Recommendation:

   Develop proactive procedures for identifying potential relationships at various points of an employee’s career life beyond onboarding including, but not limited to, promotion, reclassification, and/or departmental restructuring, which are required to be disclosed.

   Action Plan to Complete:

   Consistent with the update noted above, the degree to which we are able to automate the nepotism process will assist in our identifying potential relationships at various points of an employee's career life beyond onboarding.

   Original Target Date: October 31, 2016
   New Target Date: March 31, 2018
The Office of University Compliance and Integrity is pleased to present the quarterly status update for the 2017 – 2018 Compliance Work Plan. The information reflects progress on the key action items and other compliance activities for the reporting period beginning October 10, 2017 – December 31, 2017. There have been no further updates since the last report, dated December 8, 2017.

<table>
<thead>
<tr>
<th>Completed</th>
<th>In Process</th>
<th>Not Begun</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fully Implemented</td>
<td>Good Progress</td>
<td>Slow Progress</td>
</tr>
<tr>
<td>✓</td>
<td>⬤</td>
<td>⬤</td>
</tr>
</tbody>
</table>

### Program Structure and Oversight

Organizations are expected to have high-level oversight and adequate resources and authority given to those responsible for the program.

<table>
<thead>
<tr>
<th>Compliance Program Objective</th>
<th>Key Action Items</th>
<th>Summary</th>
<th>Progress Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serves as a point for coordination of and responsibility for activities that promote an organizational culture that encourages ethical conduct and a commitment to compliance with applicable federal, state, and local laws, as well as regulations, rules, policies, and procedures.</td>
<td>Develop the Compliance Liaison scorecard to track Compliance Liaison participation and engagement.</td>
<td>This compliance program objective (&quot;Program Objective&quot;) has been fully executed.</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Leverage existing infrastructure by integrating Enterprise Risk Management (&quot;ERM&quot;) Advisory Committee responsibilities into the responsibilities of the Compliance Liaisons.</td>
<td>This Program Objective has been fully executed.</td>
<td>✓</td>
</tr>
</tbody>
</table>
### Policies and Procedures

Organizations are expected to have standards reasonably capable of preventing and detecting misconduct.

<table>
<thead>
<tr>
<th>Compliance Program Objective</th>
<th>Key Action Items</th>
<th>Summary</th>
<th>Progress Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide support for the development and enforcement of University policies and procedures.</td>
<td>Distribute the Principles and Standards (University Code of Conduct).</td>
<td>This Program Objective is in process. Roll-out is now scheduled for spring 2018.</td>
<td>●</td>
</tr>
<tr>
<td>Conduct an audit to verify that the Office of University Compliance and Integrity website is Americans with Disabilities Act (“ADA”) compliant.</td>
<td></td>
<td>This Program Objective is in process. Training materials are currently in various stages of completion. The audit is still on track to be completed before the end of 2017.</td>
<td>●</td>
</tr>
</tbody>
</table>
| Conduct the following annual trainings:  
• Annual security report  
• Ethics in purchasing and gift policy  
• Health Insurance Portability and Accountability Act (HIPAA)  
• International admissions  
• Official transcripts and credentials  
• Payment Card Industry Data Security Standard (PCI-DSS) compliance  
• Preventing identity theft on covered accounts offered or maintained by FIU (Red Flags)  | | This Program Objective is in process. Training materials are currently in various stages of completion. | ● |
| Family Education Rights and Privacy Act (FERPA) | | | |
## Training and Education

Organizations are expected to take reasonable steps to communicate periodically and in a practical manner, its standards and procedures, and other aspects of the compliance and ethics program to members of the governing authority, high-level personnel, substantial authority personnel, the organization's employees, and, as appropriate, the organization's agents. The organization should deliver effective training programs and otherwise disseminate information appropriate to such individuals' respective roles and responsibilities.

<table>
<thead>
<tr>
<th>Compliance Program Objective</th>
<th>Key Action Items</th>
<th>Summary</th>
<th>Progress Indicator</th>
</tr>
</thead>
</table>
| Support compliance education and training efforts and leverage technology to enhance awareness of important laws, regulation, and policies, and to document training completions. | Provide training and communication support for the following compliance topics:  
• The Gramm-Leach-Bliley Act  
• Incident response plan  
• Export Controls  
• Conflict of Interest  
• Employment of foreign national in visa categories  
• Pre-employment requirements  
• Licensed Vendors Policy  
• Social Media Policy | This Program Objective is in process. Training and communication materials are currently in various stages of completion. | • |

## Measurement and Monitoring

Organizations are expected to ensure that the organization's compliance and ethics program is followed, including monitoring and auditing to detect criminal conduct.

<table>
<thead>
<tr>
<th>Compliance Program Objective</th>
<th>Key Action Items</th>
<th>Summary</th>
<th>Progress Indicator</th>
</tr>
</thead>
</table>
| Report matters of alleged misconduct, including criminal conduct, when there are reasonable grounds to believe such conduct has occurred. | Conduct compliance reviews for the following areas:  
• Athletics Department Review – National Collegiate Athletic Association compliance review  
• Time and Leave Reporting – Policies and processes  
• Laboratory Safety – Key lab safety requirements and regulations | This Program Objective is in process. Compliance reviews are currently in various stages of completion. | • |
- Cyber Security – Storage of classified information and controlled unclassified information
- Access Controls – Access to FIU laboratories by foreign nationals
- Nepotism Policy – Review of controls once system enhancements are complete
- Privacy Data Security – FIU datacenter

### Allegation Reporting and Investigations

Organizations are expected to have and publicize a system, which may include mechanisms that allow for anonymity or confidentiality, whereby the organization's employees and agents may report or seek guidance regarding potential or actual criminal conduct without fear of retaliation.

<table>
<thead>
<tr>
<th>Compliance Program Objective</th>
<th>Key Action Items</th>
<th>Summary</th>
<th>Progress Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiate, conduct, supervise, coordinate, or refer to other appropriate offices, such inquiries, investigations, or reviews as deemed appropriate and in accordance with University regulations and policies.</td>
<td>Development of guidelines for handling and reporting significant compliance matters (&quot;Escalation Guidelines&quot;)</td>
<td>The proposed Escalation Guidelines are being reviewed.</td>
<td>•</td>
</tr>
</tbody>
</table>

### Discipline and Incentives

Organizations are expected to promote and enforce consistency throughout the organization, appropriate incentives to perform in accordance with the compliance and ethics program, and appropriate disciplinary measures for engaging in criminal conduct and for failing to take reasonable steps to prevent or detect criminal conduct.

<table>
<thead>
<tr>
<th>Compliance Program Objective</th>
<th>Key Action Items</th>
<th>Summary</th>
<th>Progress Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support the process to address compliance failure in compliance or ethics through appropriate measures, including education or disciplinary action.</td>
<td>Develop an executive scorecard that highlights policy review and training requirements completed by the University President’s Leadership Team.</td>
<td>This Program Objective is in process.</td>
<td>✓</td>
</tr>
</tbody>
</table>
### Enterprise Risk Management

Organizations are expected to periodically assess the risk of criminal conduct and shall take appropriate steps to design, implement, or modify each requirement.

<table>
<thead>
<tr>
<th>Compliance Program Objective</th>
<th>Key Action Items</th>
<th>Summary</th>
<th>Progress Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support the University-wide effort to develop an ERM program</td>
<td>Execute the ERM framework by:</td>
<td>This Program Objective has been partially executed. The policy statement, process, and framework have been finalized. ERM risk and assignment of risk owners by the ERM Committee are on track for completion by the end of 2017.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Drafting the ERM policy statement, process, and framework</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Conduct ERM plan discussions with internal stakeholders</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Complete the ERM risk assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Populate the risk registry</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Work with the ERM Executive Committee to assign Risk Owners</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Organization Culture

Organizations are expected to promote an organizational culture that encourages ethical conduct and a commitment to compliance with the law.

<table>
<thead>
<tr>
<th>Compliance Program Objective</th>
<th>Key Action Items</th>
<th>Summary</th>
<th>Progress Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consult with the Board of Trustees and the President to encourage a culture of compliance and ethics.</td>
<td>Communicate the results of the 2016 culture survey and develop metrics on how to assess progress.</td>
<td>The deliverable for this Program Objective changed. The communication plan is in process.</td>
<td></td>
</tr>
</tbody>
</table>
This page intentionally left blank
The Senior Associate Athletics Director of Compliance and Special Projects (“ACO”) is pleased to present this Athletics Compliance Report to the Audit and Compliance Committee of the Florida International University Board of Trustees.

The purpose of the athletics compliance program (“Program”) at Florida International University (“FIU”) is to advance a culture of ethics, integrity, and compliance with National Collegiate Athletics Association (“NCAA”) Bylaws, Conference USA (“CUSA”) policies, regulations and procedures, and institutional regulations and policies, which govern institutions who are members of the NCAA. The FIU Board of Trustees maintains ultimate oversight responsibility of the Program while the Chief Compliance Officer (“CCO”) is responsible for oversight of the department. The ACO is responsible for maintaining day-to-day oversight of NCAA athletics compliance.

### Progress Indicators

<table>
<thead>
<tr>
<th>Completed</th>
<th>In Process</th>
<th>Not Begun</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Slow Progress</td>
</tr>
<tr>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Program Structure and Oversight

Organizations are expected to have high-level oversight and adequate resources and authority given to those responsible for the program.

#### Compliance Program Objective

Serve as a point for coordination of and responsibility for activities that promote an organizational culture that encourages ethical conduct and a commitment to compliance with applicable federal, state, and local laws, as well as regulations, rules, policies, and procedures.

#### Key Action Items

Deliver monthly compliance reports to the University President’s Chief of Staff, General Counsel, and the CCO.

#### Summary

This compliance program objective (“Program Objective”) is in process.
### Policies and Procedures

Organizations are expected to have standards reasonably capable of preventing and detecting misconduct.

| Provide support for the development and enforcement of University policies and procedures. | Finalize the NCAA Athletics Compliance Manual and distribute to all athletics staff. | This Program Objective has been fully executed. | ✔ |
| Administer the NCAA Recruiting test each year to all coaches to ensure accountability to NCAA rules. | Administer the NCAA Recruiting test each year to all coaches to ensure accountability to NCAA rules. | This Program Objective has been fully executed (one coach must re-take the test, all other coaches have taken the test). | ✔ |
| Ensure communication efforts are appropriate for reporting of NCAA violations and violations of institutional policies and procedures. | Ensure communication efforts are appropriate for reporting of NCAA violations and violations of institutional policies and procedures. | This Program Objective has been fully executed for the 2017-2018 academic year. | ✔ |
| Athletics Compliance Staff should regularly attend practice of teams to ensure that practice times being reported are accurately reflected in the practice reports. | Athletics Compliance Staff should regularly attend practice of teams to ensure that practice times being reported are accurately reflected in the practice reports. | The Athletics Compliance Office will attend the practice of the track and field, soccer, golf, tennis, swimming and diving teams this spring. | • |

### Training and Education

Organizations are expected to take reasonable steps to communicate periodically and in a practical manner, its standards and procedures, and other aspects of the compliance and ethics program to members of the governing authority, high-level personnel, substantial authority personnel, the organization's employees, and, as appropriate, the organization's agents. The organization should deliver effective training programs and otherwise disseminate information appropriate to such individuals' respective roles and responsibilities.
<table>
<thead>
<tr>
<th>Task</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Report matters of alleged misconduct, including criminal conduct, when there are reasonable grounds to believe such conduct has occurred.</td>
<td>Execute monthly rules education meetings with all coaches. This Program objective is in process and on track to meet our annual plan.</td>
</tr>
<tr>
<td>Execute twice-per-year educational meetings with all departments that work with student-athletes and/or have responsibility over executing or monitoring certain areas of NCAA compliance.</td>
<td>Execute twice-per-year educational meetings with all departments that work with student-athletes and/or have responsibility over executing or monitoring certain areas of NCAA compliance. This Program Objective is in process and on track to meet our annual plan.</td>
</tr>
</tbody>
</table>

### Measurement and Monitoring

Organizations are expected to ensure that the organization’s compliance and ethics program is followed, including monitoring and auditing to detect criminal conduct.

<table>
<thead>
<tr>
<th>Task</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organizations should have in place a system and schedule for routine monitoring and auditing of organizational transactions, business risks, controls and behaviors.</td>
<td>Monitor phone calls pursuant to NCAA bylaws. During the reporting period, an issue with the monitoring system was discovered. We are working with our vendor to determine the best solution.</td>
</tr>
<tr>
<td>Monitor recruiting contact between coaches and prospective student-athletes.</td>
<td>Monitor recruiting contact between coaches and prospective student-athletes. This Program Objective is in process. There have been no significant findings during this reporting period.</td>
</tr>
<tr>
<td>Monitor Time Management Plan implementation and documentation.</td>
<td>Monitor Time Management Plan implementation and documentation. This Program Objective is in process. The new Time Management Plan established by the NCAA has been implemented. University President Mark B. Rosenberg will receive an annual report pursuant to the requirements outlined in the NCAA legislation.</td>
</tr>
<tr>
<td>Initiate, conduct, supervise, coordinate, or refer to other appropriate offices, such inquiries, investigations, or reviews as deemed appropriate and in accordance with University regulations and policies.</td>
<td>Finalize and communicate the NCAA reporting process to all coaches and administrative staff within athletics.</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Provide opportunities for ACO staff to engage in learning opportunities regarding escalation plans, investigation techniques, and reporting responsibilities.</td>
<td>This Program Objective is in the planning stages. Athletics compliance rules education has been made available through NCAA newsletters, CUSA conference calls, and NCAA leadership conferences.</td>
</tr>
<tr>
<td>Audit Review and implementation.</td>
<td>In July, 2017, the firm of Bond, Schoeneck, and King provided the Athletics Compliance Office with an audit of the Athletics Compliance Program. During the dates indicated, the University reviewed the audit, sent out requests for information and/or procedural changes based on the recommendations made. The Athletics Compliance Office is in the process of implementing new policies and procedures.</td>
</tr>
<tr>
<td>Appropriate compliance and ethics program improvements should be designed to reduce identified risks or compliance violations.</td>
<td>Execute a targeted compliance risk assessment for two (2) high-risk areas. The assessments will be selected based on internal audit findings or based on assessments of reported NCAA violations in a particular bylaw and/or sport.</td>
</tr>
</tbody>
</table>

N/B
## Allegation Reporting and Investigation

Organizations are expected to have and publicize a system, which may include mechanisms that allow for anonymity or confidentiality, whereby the organization's employees and agents may report or seek guidance regarding potential or actual criminal conduct without fear of retaliation.

<table>
<thead>
<tr>
<th>Initiate, conduct, supervise, coordinate, or refer to other appropriate offices, such inquiries, investigations, or reviews as deemed appropriate and in accordance with University regulations, policies, and NCAA rules.</th>
<th>Coordinate efforts to investigate allegations of NCAA guidelines and University policy violations.</th>
<th>The Athletics Compliance Office consistently receives self-reports by coaches and staff. A monitoring system is in place and working as intended.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Through monthly rules education, integrate ethics and compliance incentive opportunities.</td>
<td>This Program Objective is in process. During the reporting period, mandatory educational sessions have been conducted for University staff and coaches.</td>
<td></td>
</tr>
</tbody>
</table>

## Discipline and Incentives

Organizations are expected to promote and enforce consistency throughout the organization, appropriate incentives to perform in accordance with the compliance and ethics program, and appropriate disciplinary measures for engaging in criminal conduct and for failing to take reasonable steps to prevent or detect criminal conduct.

<table>
<thead>
<tr>
<th>Support the process to address compliance failure in compliance or ethics through appropriate measures, including education or disciplinary action.</th>
<th>Coordinate efforts to respond to requests and inquiries from internal and external sources.</th>
<th>This Program Objective has been fully executed. The University retained a consultant to conduct an external review of the Athletics Compliance Office. The consultant’s report was submitted to the NCAA.</th>
</tr>
</thead>
</table>

## Ongoing Program Improvement

Organizations are expected to promote an organizational culture that encourages ethical conduct and a commitment to compliance with the law.

| Organizations should encourage a “speak up” culture to support reporting instances of misconduct. | Execute a culture survey to coaches and student-athletes and incorporate the findings into the Athletics Compliance strategy for education, information, and communication. | This Program Objective is in process. |
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