**Professional Growth Plan (PGP) Summative Assessment**

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EDTC 811: Summer Institute in Educational Technology Leadership III

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July 15, 2023

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I have only worked in education for 7 years, a relatively short time yet I recognize how

important it is to become a leader. I think that my leadership style is modeled after the Authentic

Leadership. According to the book Leadership by Peter Northouse, when describing authentic

leadership, he states, “suggest that authentic leaders exhibit genuine leadership, lead from

conviction, and are originals.” That is the type of leader I want to become. My vision to become

one of the leading experts in growing and retaining students in cybersecurity programs.

One of the things that I have done in the last few years is to be part of a National Science

Foundation Grant (NSF Grant). This grant is with SUNY Westchester (Where I currently work

as a Cybersecurity Professor) and Arizona State University. The purpose of the grant is to teach

STEM educators new and creative methods of teaching which will maintain retention and

improve growth. This is done my engaging students in a granular level and treat each student as

an individual and not as a whole class. I have learned that students, especially minority students,

suffer from deficits. It can be language deficit or navigational deficits. Our goal is to try and help

the students with deficits and find strengths in the students.

Being part of the NSF Grant gave me the opportunity to present at two different

conferences. One of the conferences is called the 3CS conference and the other one was called

the ATE PI Conference. Presenting gave me the confidence to become more of a leader instead

of a follower. It got me out of my shell which was one of the things that I wanted to work on

when I started this program. I am too much of a sit back and observe type of person but ever

since I’m in this program I have been able to pivot to a more authentic leader.

 Creating my podcast was the best part of being in this program so far. One of the reasons

why I did it was to come out of my shyness, but I didn’t really know how much I was going to

like it. I have people who remark that they cannot believe that it is me on the podcast. I took a

course on how to create a podcast, because honestly, I did not know how to create one. The

teacher in the course asked me, after she heard a demo that I did as an assignment, if I was ever

in radio. She thought that I was that good. I want to continue to develop my podcast and gain

more people and create a community that helps each other. My goal in the future is to integrate

my podcast in the classroom and use it as a learning tool.

**Professional Reading Plan**

**Journal of College Student Retention: Research, Theory & Practice:** This journal focuses

specifically on student retention in higher education. It publishes research articles, case studies,

and best practices related to student success, persistence, and engagement.

**The Journal of Higher Education:** This journal publishes research and scholarly articles on

various aspects of higher education. While not specific to student retention, it often features

articles on student success, institutional practices, and interventions that support student

persistence and completion.

**Journal of Diversity in Higher Education:** This journal focuses on diversity and inclusion in

higher education. It examines topics related to student retention and success among diverse

student populations, including underrepresented minorities, first-generation students, and

international students.

**Computers & Education**: This journal publishes research on the effective use of technology in

education, including articles on podcasting as an instructional tool, learner engagement, and the

impact of podcasts on student learning.

**Journal of Online Learning and Teaching (JOLT):** JOLT is a peer-reviewed, open-access

journal that explores online learning and pedagogy. It occasionally publishes articles on

podcasting in the context of online education and e-learning.

**International Journal of Mobile and Blended Learning:** This journal focuses on mobile and

blended learning approaches. It publishes research on innovative uses of technology, including

articles on mobile podcasting and the integration of podcasts into blended learning environments.

**Attended Seminar Progress Report**

While I have attended various educational leadership and educational technology leadership conferences throughout my doctoral studies, below are a few seminars that shaped my research and personal and professional goals:

* **3CS Conference**At this conference I presented a topic that I researched called IT Hiring Trends College Graduate or IT Certificate. This research was to answer a question that I get from a lot of students which is, which one does an employee really look for. A student with a college degree or a student with IT industry standard certifications.
* **Gen Cyber Conference** At this conference, sponsored by the NSA,  I learned about a government program (Gen Cyber) that gives you money to build a summer camp for high school f you introduce them to cybersecurity.
* **ATE Conference At** this conference I was able to do a Birds of a Feather talk with another teacher that I had meet at the 3CS conference. This topic was the struggles that we both had as minorities growing up in the US and how we overcame the obstacles that we encountered to become college professor and how we use what we learned to help our students.
* **Ed Media Innovate Learning Summit At this conference I was a co -presenter with Dr. Shamburg, Dr. O’Neil, Dr. Jimenez and Dr. Harb, We presented our research Learning By Ear: Cases Of Informal Adult Learning With Podcasting**

**Renewal of Professional Activities**

The following activities are tasks that I will have to continue to do every couple of year to maintain them.

* CompTIA A+ Certification
* CompTIA Network+ Certification
* CompTIA Security+ Certification
* NYS Adult Education License
* Presented a Professional Development Session at SUNY Westchester as part of my portfolio

**Professional Goals Progress Report**

**The following goals were accomplished during the 2020-2021 year**:

* Completed the semesters course work successfully
* Continued to improve my digital portfolio, specifically in leadership and services
* Attended CAE (Center of Academic Excellence in Cybersecurity) Conference in Washington DC.
* Created a Podcast called Technology Tap
* Developed ideas for my research proposal

**The following goals were accomplished during the 2021-2022 year**:

* Assigned Principal Investigator to the NSF Grant 2055506
* Awarded the 2022 HITEC Innovative Program Award
* Presented at 3CS Conference
* Co-Created a Gen Cyber camp for high schoolers at SUNY Westchester
* Co-investigator in research called Learning by Ear: Cases of Informal Adult Learning with Podcasting

**The following goals were accomplished during the 2022-2023 year**:

* Passed CompTIA Cloud+ Certification
* Passed CompTIA CySA+ Certification
* Presented at Ed Media Innovate Learning Summit

**Continued Plan of Study**

**The following goals will be accomplished during the 2023-2024 year**:

* Continue the dissertation process on my proposed research topic
* Continue to attend and create professional developments on educational technology
* Publish an article(s) in an academic journal
* Complete the semesters course work successfully
* Defend my dissertation successfully
* Graduate with my doctorate in Educational Technology Leadership from NJCU
* Become curriculum chair of the Cybersecurity Program at SUNY Westchester

References

Pickering, C. K., Craft, E. L., & VanIngen-Dunn, C. (2019, June 15). The Emerging Impact of Community College Hispanic-Serving Institutions (2-year HSIs) in Educating

Technicians in Advanced Technologies – Defining the Opportunities and Addressing the

Challenges. 2019 ASEE Annual Conference & Exposition. <https://peer.asee.org/33389>

Shamburg, C., O'Neill, V., Jimenez, R., Rodriguez, J. & Harb, K. (2022). Learning by Ear: Cases of Informal Adult Learning with Podcasting. In T. Bastiaens (Ed.), Proceedings of EdMedia + Innovate Learning (pp. 657-661).

Northouse, Peter G.. Leadership (p. 198). SAGE Publications. Kindle Edition.

Reeves, M., & Fuller, J. (2018, March 21). When SMART Goals Are Not So Smart. Retrieved August 05, 2020, from https://sloanreview.mit.edu/article/when-smart-goals-are-not-so-smart/