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**STOCKTON UNIVERSITY  
ANNUAL REPORT FOR  
2020 INITIATIVES PROJECT**

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<b>PROJECT LEADER(S):</b>	Chia-Lin Wu
<b>PROJECT TITLE:</b>	2018 International Symposium of Mathematics and Education at Stockton with NCYU (National ChiaYi University)
<b>DATE:</b>	10/19/2018-10/26/2018
<b>CC:</b>	

- *The boxes below expand as needed to accommodate your notes. You may also include/submit appendices or attachments, if needed.*
- *Email a copy of this completed form to Jessica Kay, Senior Planning Analyst at: [2020@stockton.edu](mailto:2020@stockton.edu) or [Jessica.Kay@stockton.edu](mailto:Jessica.Kay@stockton.edu).*

**Please provide a summary of the project and your experience.**

This project starts with greeting delegates from Taiwan at the JFK, with cultural experiences. Then international conference on Math and Educations held at the campus center further strengthen the relationship between Stockton and NCYU. Visits to regional K-12 schools really touched the hearts of NCYU delegates especially at the Galloway Township middle school. When the middle school band played the national anthem of Taiwan for our guest, I can see some tears in their eyes. They also have the opportunity to exchange the philosophy in education among two different cultures.

I believe this project is the first at Stockton and it provide the opportunity to engage Stockton faculty and students with scholars from another county.

With the help of NCYU faculty, Stockton was able to sign another MOU with NTCU.

**Please attach a copy of your original proposal or list your stated objectives and expected outcomes.**

**Please describe the results of your project and compare them to your original expectations. Elaborate on how well your objectives were met and how they might have changed. Note any particular obstacles that may have prevented your achieving full satisfaction on desired outcomes.**

I believe I have met with all my original expectations. With the help from President's office, Provost office and NAMS, EDUC. I also have attached my original proposal.

**Please list any follow-up actions (publications, presentation venues, etc.)**

Trip to Taiwan with President, two MOU signed during the trip

**Are you recommending the continuation of this project? If so:**

- **What are the next action steps you foresee or recommend?**
- **What are the expected budget requirements going forward?**
- **Please identify the program, department, or division you should be working with to secure continuation of funding for your project.**

*[Note: continuation proposals must be approved and incorporated into the appropriate budget process. This report will not constitute a request for permanent funding.]*

This project's completion leads to the trip in December 2019. President Kesselman and the first lady lead the delegate from Stockton including faculty and students to visit Taiwan. Two more MOU were signed and collaborations among institution has been established.

I have applied for Compass fund in the spring of 2020 and hope to continue this project with assistances from President's office, Provost office, NAMS, OGE, and EDUC.

<b>FINANCES: Based on your proposal, please outline below how the award has been spent.</b>		
	<b>Amount</b>	<b>Notes/Comments</b>
<b>Beginning Budget Balance as of:</b>	<b>\$</b>	
Salary Expenditures		
• Stipends	\$	
• Full-time staff salaries	\$	
• Full-time faculty salaries	\$	
• TES salaries	\$	
• Fringe Benefits	\$	
<b>Total Salary and Fringe Expenditures</b>	<b>\$</b>	
Non-Salary Expenditures ( <i>supplies, travel, etc.</i> )		
•	\$	
•	\$	
•	\$	
•	\$	
•	\$	
•	\$	
<b>Total Non-Salary Expenditures</b>	<b>\$ 16151.00</b>	
<b>Total Salary + Non-Salary Expenditures</b>	<b>\$ 16151.00</b>	
<b>Ending Budget Balance as of:</b>	<b>\$ 0</b>	

*If there are remaining expenditures required to complete the project, and your project was approved for multiple fiscal years, please itemize them with expected amounts and timing for payment.*

**IMPORTANT:** *Unused funds reverted to the general 2020 Initiative Fund at the end of the fiscal year 2019, if not approved and encumbered for project costs in the next FY.*

Item	Expected Amount	Expected Timing for Payment
<b>Total</b>		

**Strategic Theme:** Global Perspective

**Title:** 2018 International Symposium of Mathematics and Education at Stockton with NCYU (National ChiaYi University)

**Introduction/Background:**

With the support of two Provost Faculty Opportunity Funds, I was able to travel to Taiwan in 2015, 2016 to build a partnership with a prominent Taiwanese University. As a result of these visits, Stockton University signed a MOU with National ChiaYi University (NCYU) Teachers College in Spring 2017. NCYU is a comprehensive university, located in the southern part of Taiwan. It is one of the oldest and largest universities in Taiwan; one of its major colleges is the Teachers College. This College has trained thousands of kindergarten, elementary, and middle school teachers since 1957. Graduates have taught in schools throughout Taiwan and/or have served in related public sectors. NCYU Teachers College welcomes the opportunities offered by global engagement as a mechanism for furthering their students' experiences, and this makes them an excellent partner for developing an international experience for Stockton Math Education students.

Upon an invitation from NCYU, a group of five Stockton faculty members from Mathematics and School of Education and five MATH/EDUC students, traveled to Taiwan on December 8, 2017, participating in the 2017 International Symposium on Mathematics and Special Education. In addition to our research presentations, Stockton delegates visited a Special Education/Services school, and multiple Elementary schools. Furthermore, five of our Stockton students presented a mathematics lesson to a seventh grade Taiwanese class, showcasing varied instructional strategies. Our students gained valuable experience that benefits their pedagogical training, but the true value was in the cultural experience provided to our students, giving them the opportunity to step outside of the known and to view their world perspective through a different lens. Our travel to NCYU provided a rich cultural experience for our students that was truly life-changing. As hosts, our partners provided a unique and inspiring experience for our students grounded in the Taiwanese culture. From food to travel to tourism to entertainment, we were treated as honored guests. Our every comfort was catered to, and we were provided an understanding of the nature of respect for the Taiwanese people. In all that we did, our cohort was treated to a viscerally impactful week. Providing a well-rounded, whole person approach to our students' education is an important part of Stockton's 2020 mission, but the importance of this approach for our future teachers cannot be overstated. We have seen the positive result that international travel has had on our Math majors who are bound for graduate school; this partnership is providing the same opportunity for students in our Math Education concentration. The work done thus far has laid the foundation for a strong and sustainable partnership that is benefiting our students as future educators and is opening a dialogue of shared pedagogical ideas.

We would like to continue the articulation between our two universities by hosting an international academic research event at Stockton University, as well as offering our NCYU partners cultural exposure of our surrounding area. This proposal will perfectly align with the 2020 initiative Global Perspectives, through its promotion of collaboration between diverse cultures and educational practices. Just as our students benefitted by traveling abroad to experience the impact of teaching firsthand, we would like to share the experience of exchanging scholarship among faculty members from NCYU and Stockton

University. Our next step in the process of deepening a relationship with NCYU in Taiwan will focus on faculty from both nations as part of a valuable cultural exchange.

### **Purpose/Goal**

Hosting the 2018 International Symposium on Mathematics and Education at Stockton will further strengthen our relationship with our partners at NCYU. This event will also attract scholars from local K-12 school districts who serve students from Asia (such as Atlantic City High School, Egg Harbor Township High School, and the Greater Egg Harbor Regional High Schools). Our sister colleges/universities throughout New Jersey will also be interested, given the increased emphasis on Mathematics instruction during the first few years of implementing New Jersey Student Learning Standards across the state. The graduate students and faculty from NCYU will have the opportunities to present their research and instructional practices in Math and Education, and they will engage with the best of Stockton and the surrounding community. This proposed symposium will provide opportunities for our students to present their mathematics education study and practice, expand Stockton's global awareness, promote the involvement of regional communities, and explore the opportunities of clinical practice opportunities between Stockton and NCYU.

In the modern global era, our educational systems still lack a global perspective and are rarely impacted by a global exchange of ideas. Taiwan's educational system experienced a major reform in the 1990s after their current Secretary of Education had completed his PhD in the United States. Their system is still acclimating to a K-12 mentality. Our goal is to build a mechanism for a shared body of knowledge, where all the participants can contribute to the transfer of successful educational practices across borders of nations and cultures. Mathematics, in particular, is the perfect discipline with which to test-case a broader global conversation. Unlike most disciplines, mathematics has a universal language that transcends borders. The effectiveness of communication in the science of Mathematics was evident during our visit to NCYU and their surrounding schools. As such, we believe we are aptly poised to create a successful global partnership that could then be extended to other disciplines.

The activities proposed in this project will contribute to this exchange of pedagogical practices. The proposed symposium will bring together contributors from our respective countries and will help forge a stronger relationship. In addition, it will strengthen the educational ties between the MATH and EDUC programs, area schools in the K-12 system and community stakeholders. As such, this partnership that is built on globalization will simultaneously strengthen our community and institutional partnerships.

The proposed visit of our Taiwanese partners will also include a cultural initiative that will provide our guests with a tour of surrounding locales that will give them a perspective of the American experience similar to the Taiwanese experience that was afforded to our students. It is of the utmost importance that we provide an experience that mirrors our treatment in their country. This means that we need to cater to the whole person, designing a similarly life-altering experience for their students, including cultural immersion and tourism. It is important to understand the importance of honor and respect to the Taiwanese culture so that designing these experiences continues to strengthen the foundation that we are seeking to build. In addition, the experiences that we are proposing for the visit have been carefully chosen to display aspects of the American culture that will be most impactful for our Taiwanese visitors. As future educators in their country, it will be important for them to view our educational system through the lens of our culture. Faculty and students from NCYU will spend time learning about the storied past and current renaissance of our Atlantic City Boardwalk, and the

prominent role that our Stockton Atlantic city campus is playing in this rebirth. Just as our Taiwanese hosts brought Stockton faculty and students to several of their cultural attractions, we also plan for our guests to attend a National Basketball Association game in Philadelphia and visit other local attractions including the Liberty Bell, City Hall, the National Constitution Center, and (weather permitting) Longwood Gardens. Sports such as basketball have become popular and widely broadcasted in Taiwan, especially after the peak of “Linsanity.” Resorts such as Atlantic City are not matured in Taiwan, which has only begun to examine the prospect of gaming in tourism. A college campus in the center of a resort town in which a gaming industry coexists with family attractions can be a future model for the NCYU community, positioning Stockton as a potential international model for recognition and possible replication. Finally, as the closest international airport serving non-stop flights to Taiwan, arrival and departure via JFK will provide our guests with opportunities to see some culturally significant New York City attractions such as the Statue of Liberty, Ellis Island, a Broadway show, and the World Trade Center 9/11 Memorial.

This opportunity will provide our Taiwan partners with similar references and resources that were offered during our visit to their country. With this new diverse knowledge and application, horizontal articulation between our two universities will become even more deeply trusted and actionable. Finally, our touring of Atlantic City, Philadelphia and New York City will provide our partners a cultural reference that will better inform our practices and techniques within our classroom, as well as highlighting the opportunities and experiences that would be afforded to their future population of students who could potentially attend Stockton University as international exchange students.

### **Activities:**

Tentative dates have been chosen by NCYU. Guests will arrive on 10/19/18 and depart on 10/26/18.

#### **Friday, 10/19/18**

**5:00pm** - Stockton faculty and student delegation depart for JFK airport (via Charter bus)

**9:00pm** - NCYU guests arrive at JFK; Stockton faculty accompanies guests to NYC accommodations

**10:30pm** – Check into Intercontinental Hotel in NYC

#### **Saturday, 10/20/18**

**9:00am** – Breakfast in hotel

**10:00am** - 9/11 Tribute Museum

**12:30pm** – Lunch (on own)

**5:00pm** – Dinner at Carmine’s Restaurant

**8:00pm** - Broadway - Phantom of the Opera

#### **Sunday, 10/21/18**

**8:00am** – Breakfast in hotel/check out of hotel

**9:00am** - Statue of Liberty/Ellis Island

**1:00pm** – Lunch at Stardust Café

**3:00pm** – Depart for Stockton’s Seaview Resort

**6:00pm** – Check into Stockton’s Seaview Resort – dinner on own

#### **Monday, 10/22/18**

**8:00am** – Pick up NCYU guests from Stockton Seaview Resort (via university van)  
**9:00am – 2:00pm** International Symposium, Stockton University - Galloway Campus  
Keynote speaker Dr. YuenChun Huang, Dean of Teachers College, NCYU  
Breakfast and Lunch provided at symposium  
**3:00pm** – Tour of Stockton University – Main Campus  
**4:00pm** – Dinner at Fred and Ethel's/Shopping at Historic Smithville  
**7:00pm** – Return to Stockton's Seaview Resort (via university van)

Tuesday, 10/23/18

**9:00am** – Pick up NCYU guests from Stockton Seaview Resort (via university van)  
**9:30am** – Visit Galloway Schools: Reeds Road Elementary, Galloway Middle School, Pomona PreK  
**1:00pm** – Lunch at White House Subs, Atlantic City  
**2:00pm** – Tour of Stockton University – AC Campus  
**3:00pm** – Boardwalk/Shopping at Tangier Outlets  
**6:00pm** – Dinner at Dock's Oyster House  
**8:00pm** – Tour Casinos  
**10:00pm** - Return to Stockton's Seaview Resort (via university van)

Wednesday, 10/24/18

**9:00am** – Pick up NCYU guests from Stockton Seaview Resort (via university van)  
**9:30am** – Visit Cedar Creek High School, Oakcrest High School, ACIT and/or Absegami High School  
**12:00pm** – Lunch provided by high school  
**1:00pm** – Return to Stockton Seaview Resort (via university van)  
**5:00pm** – Pick up from Stockton Seaview Resort (via university van)  
**7:00pm** – 76ers Game, Philadelphia, PA  
**11:00pm** - Return to Stockton's Seaview Resort (via university van)

Thursday, 10/25/18

**9:00am** – Pick up NCYU guests from Stockton Seaview Resort (via university van)  
**10:00am** – Double Decker Tour of Philadelphia  
**12:00pm** – Lunch at Reading Terminal Market (on own)  
**2:00pm** – Longwood Gardens, Kennett Square, PA  
**6:00pm** – Depart PA – Return to Stockton's Seaview Resort (via university van)

Friday, 10/26/18

**11:00am** - Pick up NCYU guests from Stockton Seaview Resort (via Charter Bus)  
**1:00pm** – Shopping at Short Hills Mall or Menlo Park Mall, Edison, NJ (lunch/dinner on own)  
**7:00pm** – NCYU guests arrive at JFK Airport for 10:00pm departure to Taiwan

The one-day symposium will begin with a keynote address from the Dean of Teachers Colleges of NCYU, followed by presentations and breakout sessions by scholars and students from multiple schools and universities, in Math and Education. Topics for the symposium include Mathematics Education, Science Education, Undergraduate Research in Mathematics, Special Education, Pre-service teacher preparation, and Curriculum planning. Please see the attached credentials of NCYU faculty and students. Two additional days will be allocated to school/classroom visitations at our local K-12 districts as schedules permit, among Atlantic City, Egg Harbor Township, Greater Egg Harbor Regional and Galloway Township.

**Student Engagement:**

The project will provide integrative student engagement for both Stockton and NCYU students.

For Stockton MATH/EDUC students, engagement will center on leadership roles in the culturally significant design and support of the diplomatic welcome and hospitality tours. In addition, students will gain valuable experience in organizing and presenting academic research, thus honing their skills as future teachers. Finally, Stockton Math Club, Stockton Education Society, Stockton NJSEA (Student Education Association), and Pi Mu Epsilon members will be invited to participate in the planning of the symposium and act in the role of tour guides.

Members of Stockton Math Club, Pi Mu Epsilon national honor society of Math, Math majors with concentration in Education, and members of office of Global Engagement will be invited participants of the proposed symposium. This symposium will be free to the Stockton community, and it will be a benefit to our students in form and content.

Stockton Mathematics majors with a concentration in education who participated in the 2017 International symposium with NCYU will gain valuable experience in nurturing the foundational relationship built during their travels to Taiwan. The benefits that they experienced of being able to engage with students from a different culture and educational system will be heightened by acting in the role of host. They will be able help build an agenda that mirrors the honorable experience that was bestowed on them, and they will have the opportunity to showcase our cultural and educational strengths. MATH/EDUC majors will also be encourage to present research articles at the symposium, and we hope this will extend to other discipline in the future. It is also important to note that many Stockton students do not themselves have experience with the cultural activities that we are proposing in this document. A visit to New York or even Philadelphia can also be a unique experience for our student population; designing these to introduce Taiwanese visitors to culturally significant sites will further deepen their own understanding of our unique history. In this way, we are broadening the cultural experiences of our students as well as our Taiwanese guests.

The Office of Global Engagement director India Karavackas has been very supportive of this initiative from the perspective of a global engagement project. She has agreed to have students from her office assist in the planning and implementation of the symposium. This will heighten the impact of student engagement for Stockton students and further build and strengthen internal partnerships across disciplines.

Students from NCYU will engage in the symposiums as active participants. They will participate in the symposium by presenting sessions highlighting their research and will be invited to present a practical mathematics lesson at the K-12 level as well.