

## FY12 Fourth Quarter Performance Report (July - September 2012)

### College of Micronesia – FSM - Performance reporting form

<b>Department/Division/Campus:</b>	<b>Cooperative Research and Extension</b>	<b>Period:</b>	<b>July 1<sup>st</sup> - September 30<sup>th</sup>, 2012</b>
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**Strategic goal 1:** Promote learning and teaching for knowledge, skills, creativity, intellect, and the abilities to seek and analyze information and to communicate effectively

Objectives	Accomplishments	Comments/additional detail
1A: Promote quality teaching and learning-centered behaviors and environments for the six campuses	<ul style="list-style-type: none"> <li>• Student experiential learning tour</li> </ul>	Six students and three staff travelled to Guam and Northern Marianas to experience the agriculture potentials. Students were encouraged in entrepreneur opportunities and further study potential at UoG and Northern Marianas college.
1B: Make developmental courses an institutional priority		
1C: Enhance faculty involvement in the college		

**Strategic goal 2:** Provide institutional support to foster student success and satisfaction

Objectives	Accomplishments	Comments/additional detail
2A: Promote strategic enrollment management for the college		
2B: Become more student-centered in the development of specific college system policies and procedures		
2C: Promote timely college tenure and graduation of students with mastery of array of core learning objectives, including civic-mindedness and self-value	<ul style="list-style-type: none"> <li>➤ Trainee confidence</li> </ul>	<ul style="list-style-type: none"> <li>➤ At Nett Point, there are still trainees on board continued training on aqua- projects still available at COM lab at Nett Point. Trainees are getting self confident in every subject trained at the hatchery. Trainees include: Ms. Aireen Lebehn, Ms. Jackie Dannis &amp; Mr. Mike Poll. Ms. Aireen Lebehn accepted into the extension training</li> </ul>

		<p>course in Fisheries Management in Okinawa Japan.</p> <p>➤ Student Internship and Work Study Trainees have access to both computers and internet to be able to write weekly activity report and web search on information.</p>
2D: Develop a student-friendly campus environment that encourages and enables students to be health conscious		

**Strategic goal 3:** Create an adequate, healthy and functional learning and working environment

Objectives	Accomplishments	Comments/additional detail
3A: Provide for adequate facilities to support a learning community	<ul style="list-style-type: none"> <li>• <b>Solar Re-charge Stations</b></li> </ul>	Solar panels and equipment have been secured through Univ. of Guam to construct solar powered re-charge stations on the four state campuses. Stations should support 10-12 students to re-charge laptops while accessing wifi capacity.
3B: Provide for maintenance and upkeep of grounds, facilities, and equipment		
3C: Provide for a safe, secure and effective college environment	<ul style="list-style-type: none"> <li>• <b>Pohnpei CRE Facilities - official opening ceremony</b></li> </ul>	The Cooperative Research and Extension facility in Pohnpei was officially opened September 15 <sup>th</sup> in a ribbon cutting ceremony by US Ambassador Rosen and President J.M. Daisy followed by an open house and local food provided by CRE staff .

**Strategic goal 4:** Foster effective communication

Objectives	Accomplishments	Comments/additional detail
4A: Enhance communications pathways		
4B: Provide communications	<ul style="list-style-type: none"> <li>• <b>Satellite dishes</b></li> </ul>	<b>Dishes have been received for installation on Yap,</b>

infrastructure to support communication pathways		<b>Chuuk, National and Kosrae Campus to enhance communication and provide alternate highway for communication for Distance Education and in case of an emergency. Funding is from USDA Distance Education Grant.</b>
4C: Enhance the college community's ability to communicate effectively		

**Strategic goal 5:** Invest in sufficient, qualified, and effective human resources

<b>Objectives</b>	<b>Accomplishments</b>	<b>Comments/additional detail</b>
5A: Provide on-going professional development of faculty and staff	<ul style="list-style-type: none"> <li>➤ <b>Training of trainers</b></li> <li>➤ <b>In-house capacity improvement and training</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ CES PNI Agents attended a workshop on Papaya Mealybug conducted by SPC Entomologist in Kolonia</li> <li>➤ A two-day's workshop was made possible by a collaborative effort between COM-FSM CRE, University of Hawaii Manoa, Pohnpei State Agriculture, Natural Resource Conservation Services, Saimon Mix's Farm and many other agencies. The first day of the workshop was done in a class room setting, presentation were given to 84 four Pohnpeian farmers and the second day was on farm demonstration on Saimon's farm.</li> <li>➤ CES Agents prepared individual plan of work and coincide with preparation with presentation on food security training workshop for the farmers of Pohnpei.</li> <li>➤ CES PNI Agents attended a workshop on Papaya Mealybug conducted by SPC Entomologist in Kolonia and participated in a workshop on compost production using piggery waste, management techniques to reduce environmental pollution and contamination to water sources.</li> </ul>
5B: Recruit and retain qualified personnel to allow delivery of quality services	<ul style="list-style-type: none"> <li>● A Youth programs agent was hired in Chuuk</li> <li>● A Climate Change /Agriculture agent was hired in Pohnpei</li> </ul>	Climae Change is a new program identified by USDA/National Institute of Food and Agriculture
5C: Update personnel policies and procedures to meet on-going human resources needs		

**Strategic goal 7:** Build a partnering and service network for community, workforce and economic development

Objectives	Accomplishments	Comments/additional detail
7A: Increase involvement of the community in college affairs		
7B: Enhance and promote employment opportunities		
7C: Develop new and enhance existing programs to meet the changing educational and workforce needs of our communities		
7D: Provide Cooperative Extension Services to the community	<ul style="list-style-type: none"> <li data-bbox="596 511 1226 597">• <b>Research in Kosrae focuses on the Improvement of planting materials and the identification of salt tolerance in staple crops</b></li>   <li data-bbox="596 816 1184 902">• <b>Chuuk Research drafted a Materials Transfer Agreement between the Federated States of Micronesia (FSM) and the University of Hawaii</b></li>   <li data-bbox="596 1092 1234 1211">• <b>Aquaculture programs in Yap – RabbitFish survey has been initiated and aquarium tests of native fish for suitability for aquaponics has completed the two months of acclimatization.</b></li>   <li data-bbox="596 1401 1234 1487">• <b>Dry litter system for pig production has been accepted throughout Micronesia as an environmentally friendly best Management Practice</b></li> </ul>	<p data-bbox="1262 511 1850 565">Collected germplasm and established cultures of sweet potato, swamp taro and soft taro.</p> <p data-bbox="1262 602 1892 656">Produced 4,200 seedlings of soft taro and sweet potato and distributed 1,090 seedlings.</p> <p data-bbox="1262 693 1877 747">Produced 400 seedlings of vegetables and distributed 165 seedlings.</p> <p data-bbox="1262 816 1902 1023"><b>Chuuk AES unit is collaborating with regional institutions in a grant administered by American Samoa Community College to identify and test under field conditions locally recognized salt tolerant staple crops as a response to climate change. Laboratory testings being conducted at UH. The MTA protects genetic resources for FSM.</b></p> <p data-bbox="1262 1092 1892 1328"><b>Aquaponics:</b> Continued testing suitability of the native fish species, Spotted Scat for aquaponics system in Yap. Literature indicate this species can survive in freshwater. Water salinity was gradually reduced to 1.5 ppt (below salt tolerance of most vegetables) and 30 fish acclimatized in two aquarium tanks over one week. At two months survival is maintained indicating potential for aquaponics system.</p> <p data-bbox="1262 1365 1892 1511">Programs in Yap, Kosrae and especially Pohnpei are promoting the Dry-litter system of piggery management to reduce the impact of raising pigs on water resources. Collaborators (including CRE) in Pohnpei developed the Piggery Advisory Concil and the message is spreading to</p>

- **Prisoner re-habilitation**

- **School Enrichment**

other states. COM-FSM National Campus and Kosrae campus are using this model for construction of new facilities for pig production.

**Work continues with Public Safety on the Prisoners' Garden. The prisoners continue to consume fresh vegetables every day through monthly germination of seeds. This aquaponic system is underway at the Colonia prison for reliable maintenance and for public inspection. Another aquarium that is larger, ground-surface, low-cost and using native fish species is also earmarked for the Public Safety area**

The school enrichment started in Kolonia School where twenty two (22) students participated and completed the program conducted by the EFNEP.

### COM-FSM – Cooperative Research and Extension Activity Report Template

	1.1 Conducted hands-on Training (# of Training Sessions & # of Clients)	1.2 Conducted/Facilitated structured Workshop (# of Workshops & # of Clients)	1.3 Provided Recommendation/advise to clients not included in hands-on training or workshops (# of session & # of Clients)	1.5 Organized Provided technical assistance (# of provided technical assistance session & # of Clients)	Provided non college classroom teaching (# of classroom teaching sessions & # of Clients)	Worked on building network/Collaboration (# of building sessions & # of Clients)	Indirect Contacted	
							Conducted Radio or TV program	Distributed Printed Information or Extension materials
Yap CES	16/117	1/20	118/657	71/608	36/104	24/97	1 session	3 articles/10 handouts
Yap AES								
Chuuk CES	0	0	0	277 (1141)	0	162 (834)		192 (1163)
Chuuk AES						18 (102)		18 (192)
PNI CES	16/33	9/151201	104/	78/114	2/5	48/94		26/111
PNI AES								
Kosrae CES								
Kosrae AES	4/12			6/8				70
National								

**Conducted extension/training** = individual or small group training, informal setting and limited scope without a formal agenda; usually provided by individual agent. **Conducted/facilitated workshop** = more formal both in setting and agenda, larger group and may include more than one resource person. **Provided advise to clients** = in response to an identified problem or concern. **Provided non-college classroom teaching** = refers more to the level of accreditation than to the physical setting. This refers to short term instruction, non-credit courses, assisting formal teachers with support information or demonstration. **Provided technical assistance** = this refers to assistance given for planning and/or management for decision making purposes. **Working on building network/collaboration** = this includes meeting with other agencies to discuss program and projects activities; may include community meetings, advisory meetings, and field visits. ...**Disseminate information/documents** = this could be an activity by itself or a component of another activity, e.g. training or workshop.