

*University of Puerto Rico
Mayagüez Campus
Deanship of Agricultural Sciences*

*Annual Report 2023-2024
Department of Agricultural Economics and
Rural Sociology*

Submitted by:

*Alwin J. Jimenez Maldonado, PhD
June 25, 2024*

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General Information of the Deanery and Attached Units

A. *Mission and Vision*

1. *Mission and Vision of the College of Agricultural Sciences*

The Faculty of Agriculture of the Mayagüez Campus originated with the founding of the College of Agriculture in 1911, which was known a year later as the College of Agriculture and Mechanical Arts (CAAM). The University of Puerto Rico Act of 1942 created the College of Agriculture. In accordance with the University Act of 1966 and Council of Higher Education Certification No. 13 of 1968, the College of Agricultural Sciences integrates formal teaching, research and community-directed educational activities in the various agricultural areas and complementary areas. These complementary and interdependent functions are performed through a three-dimensional organizational scheme composed of the Faculty of Agricultural Sciences, the Agricultural Experimental Station and the Agricultural Extension Service.

VISION-THE COLLEGE OF AGRICULTURAL SCIENCES HAS TO BE AT THE FOREFRONT OF FORMAL AND NON-FORMAL EDUCATION; AS WELL AS RESEARCH, SEEKING INNOVATION IN SUSTAINABLE TROPICAL AGRICULTURE SYSTEMS AND IN THE HUMAN AND ENVIRONMENTAL SCIENCES THAT BENEFIT INDIVIDUALS, COMMUNITIES AND SOCIETY IN GENERAL.

MISSION-TO develop through education, research and extension new technologies to innovate in the production of agricultural inputs and products for humans and animals through an economically viable, sustainable, safe and global agriculture that contributes to the improvement of the quality of life of society.

2. *Mission and Vision of units attached to the Deanship of Agricultural Sciences*

MISSION

Faculty of Agricultural Sciences

Develop through education, research and extension new technologies to innovate in the production of agricultural inputs and products for humans and animals through an economically viable, sustainable, safe and global agriculture that contributes to the improvement of the quality of life of society.

Agricultural Extension Service

Improve the quality of life of people living in socio-economic vulnerability through participatory action through a process of non-formal education based on scientific research, and focused on the aspirations and needs of families and communities.

Agricultural Experimental Station

Promote a research program in tropical agriculture that safeguards the sustainability of food production and environmental conservation in Puerto Rico and the Caribbean by improving the quality of life and conservation of natural resources.

VISION

Faculty of Agricultural Sciences

The College of Agricultural Sciences has to be at the forefront of formal and non-formal education; as well as in research, seeking innovation in sustainable tropical agriculture systems and in the human and environmental sciences that benefit individuals, communities and society in general.

Agricultural Extension Service

Integrate the knowledge and knowledge generated by the University System, governmental and non-governmental organizations, farmers, housewives, youth, and communities to meet their aspirations and needs. Establish alliances with our partners to achieve common goals through non-formal education and participatory action.

Agricultural Experimental Station

The Agricultural Experimental Station will be a leader in research that develops knowledge and technology in sustainable tropical agriculture for Puerto Rico and the Caribbean region.

B. Description and Functions

1. Description and Functions of the Deanship of Agricultural Sciences

The College of Agricultural Sciences (CCA) of the Mayagüez Campus is composed of three units, the College of Agricultural Sciences, the Agricultural Experimental Station, and the Agricultural Extension Service. Each of these units has a function, which they

will contribute to the work of tropical agriculture. In addition to the aforementioned units there is also the Office of International Programs. Through the Executive Board composed of the Dean-Director of the College of Agricultural Sciences, the Associate Dean of the College of Agricultural Sciences, the Associate Dean and Deputy Director of the Agricultural Experiment Station, the Associate Dean and Deputy Director of the Agricultural Extension Service, the Director of Planning and Budget, and the Director of the Office of International Programs, direct the plans and programs of the CCA as stipulated by Certification No. 174 of September 24, 1980 of the Council of Higher Education.

2. Description and Functions of the units attached to the Deanship of Agricultural Sciences

The Faculty of Agricultural Sciences (FCA) is the unit of the College of Agricultural Sciences (CCA) in charge of formal teaching. The Faculty of Agricultural Sciences is the unit of the College of Agricultural Sciences responsible for the provision of studies at higher level. It has 12 undergraduate programs and 9 graduate programs. The programs leading to the Bachelor of Science degree in Agricultural Sciences are: Agricultural Sciences (General), Agronomy, Crop Protection, Horticulture, Soils, Agricultural Education, Agricultural Extension, Agricultural Economics, Agribusiness, Animal Science, and Agricultural and Environmental Systems. In addition, it offers a three-year program in Pre-Veterinary. The programs leading to the Master of Science degree are: Agricultural Education, Agricultural Extension, Agricultural Economics, Animal Science, Agronomy, Soils, Horticulture, Crop Protection, and Food Science and Technology.

The purpose of the Agricultural Extension Service (SEA) is to educate the individual or community through non-formal education for the purpose of self-management. It has four (4) educational program areas: Agriculture, Marketing and Natural Resources (AMRN), Family and Consumer Sciences (CFC), Youth and 4-H Clubs, and Community Development and Resources (DRC). Within the AMRN and CFC programs, pesticide application and handling certifications and the food safety course are provided, respectively. In addition, the SEA has the Plant Diagnostic Clinic.

The Agricultural Experimental Station (EEA) whose main purpose is to conduct research in agricultural sciences has seven research areas in: Milk and Meat Production Systems, Plant Genetic Resources, Plant Breeding and Production Systems, Integrated Management of New and Emerging Pests and Diseases, Natural Resources and Environment, Agricultural Economics, Marketing and

Community Development, Food Safety, Science and Technology, and Renewable Energy.

The Office of International Programs...

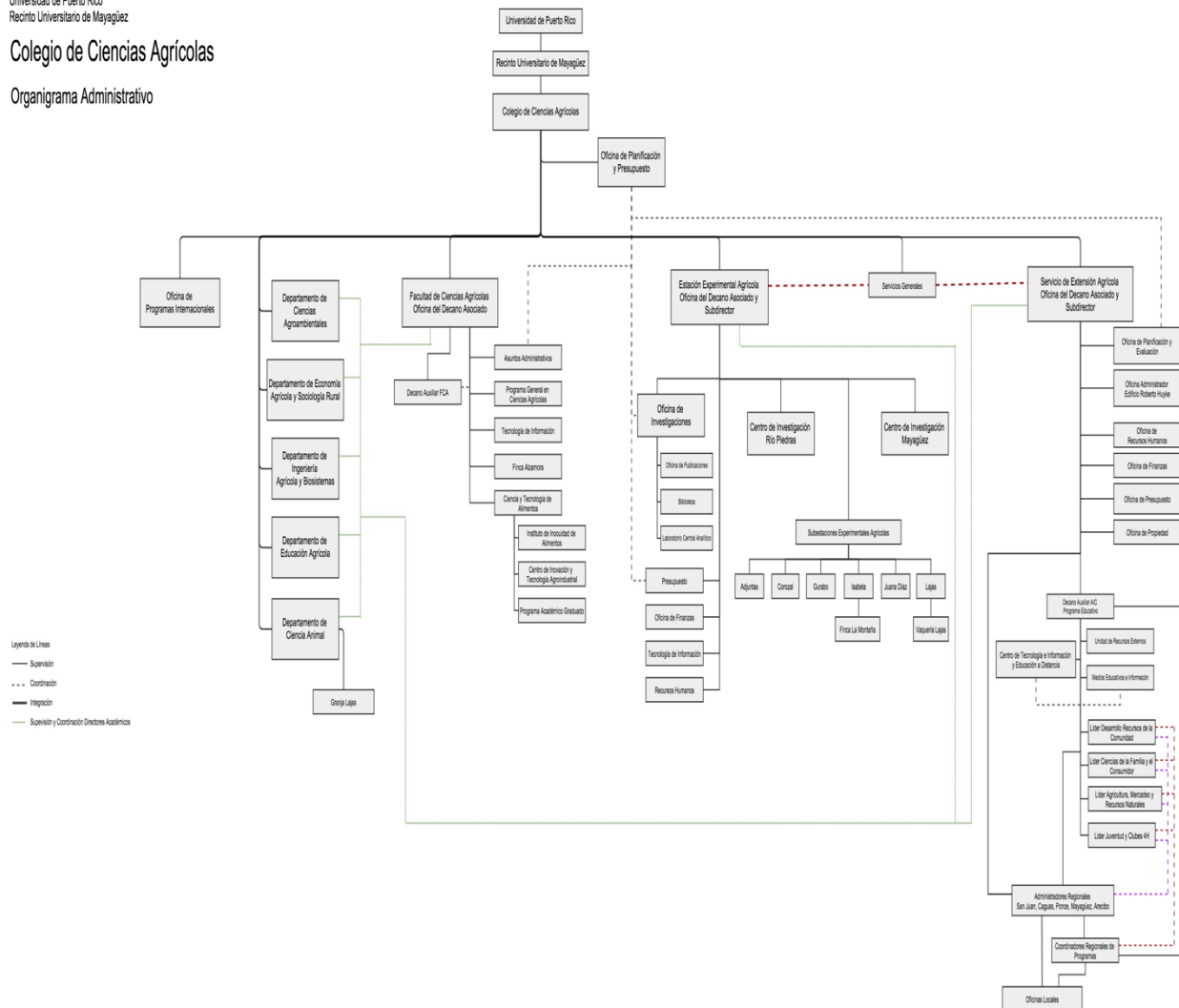
C .Organizational Structure

1. Organization chart of the Deanship of Agricultural Sciences

Universidad de Puerto Rico
Recinto Universitario de Mayagüez

Colegio de Ciencias Agrícolas

Organigrama Administrativo



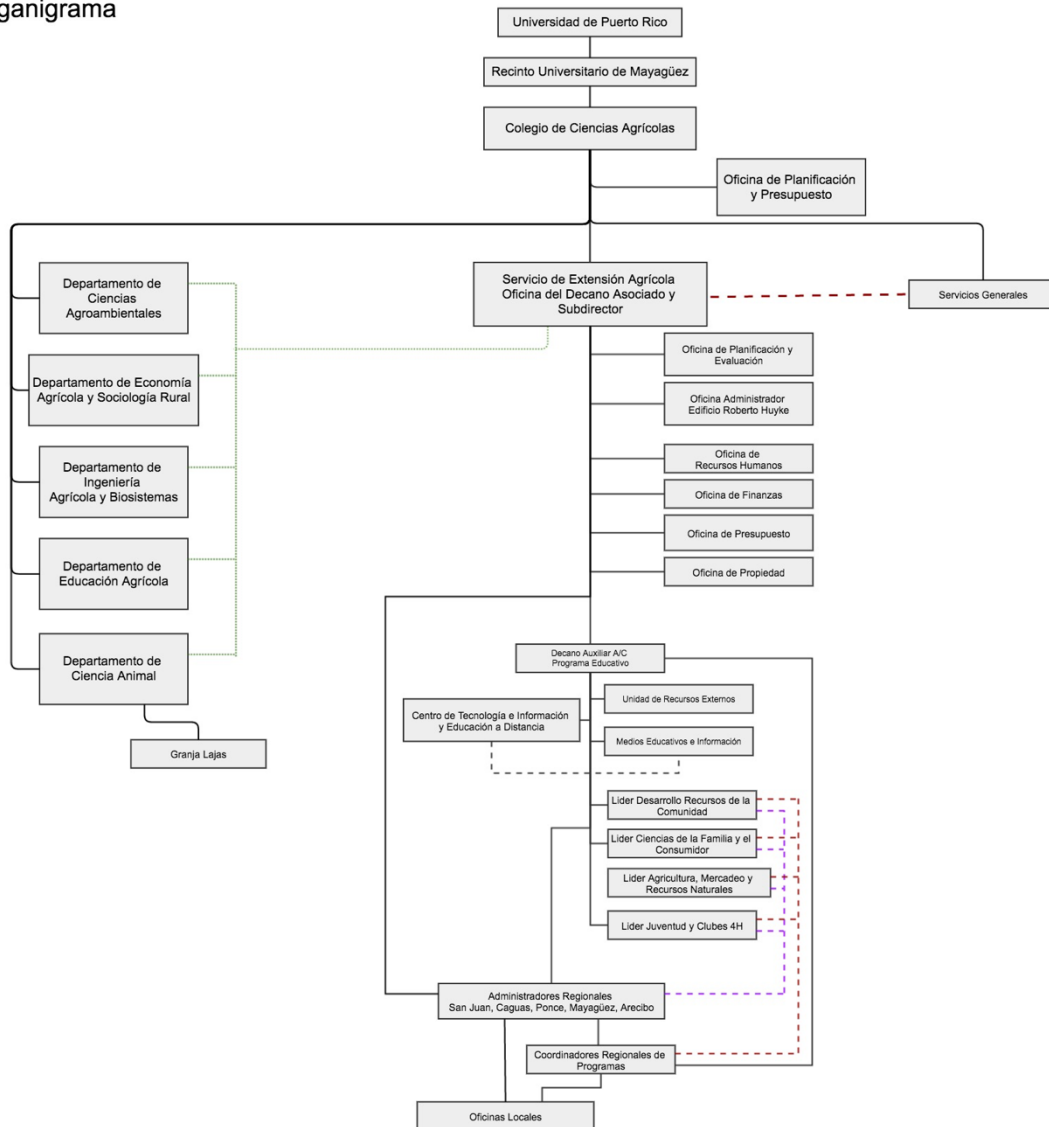
2. Agricultural Extension Service Organization Chart

Universidad de Puerto Rico
Recinto Universitario de Mayagüez

Colegio de Ciencias Agrícolas

Servicio de Extensión Agrícola

Organigrama



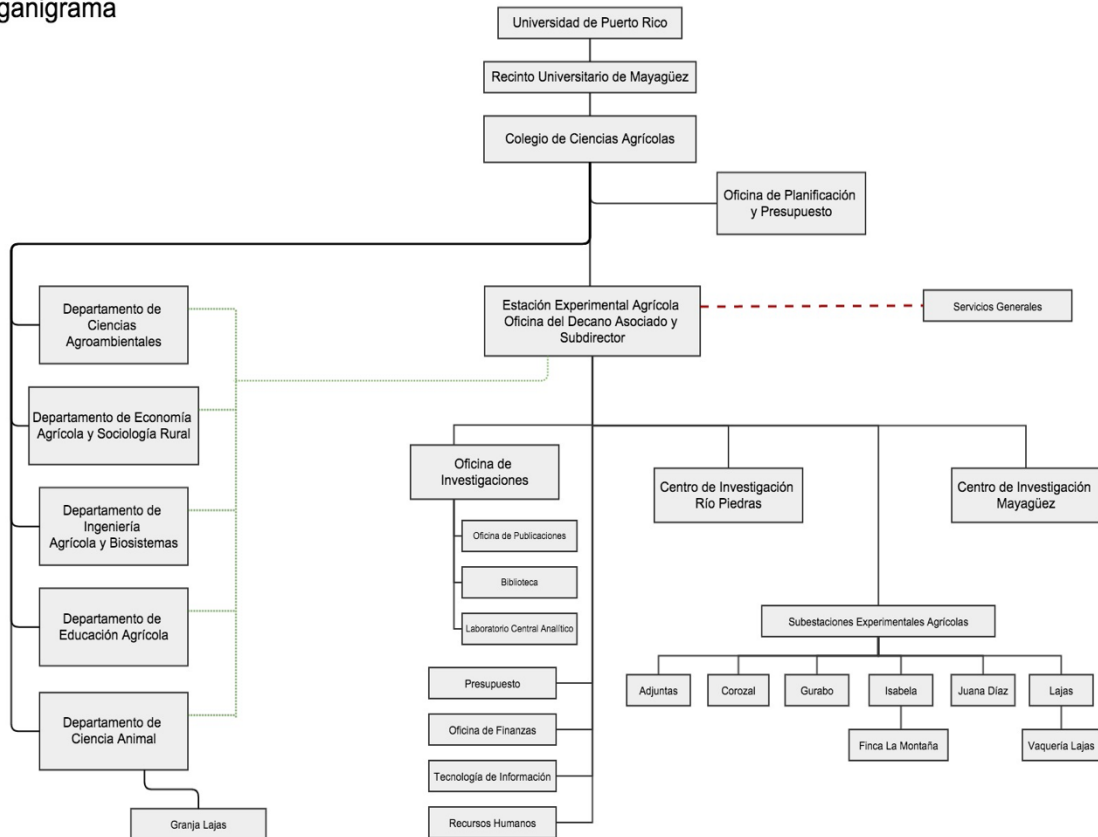
3. Organization chart of the Agricultural Experimental Station

Universidad de Puerto Rico
Recinto Universitario de Mayagüez

Colegio de Ciencias Agrícolas

Estación Experimental Agrícola

Organigrama



*D. Deanship and Departments Profile***1. Academic Programs**

Undergraduate Program	Graduate Program
General Agricultural Sciences	Agricultural Economics MS
Agronomy	Agricultural Education MS
Agricultural Economics	MS Agricultural Extension
Agricultural Education	MS Horticulture
Agricultural extension	Animal Science MS
Horticulture	MS Agronomy
Animal Science	MS Soils
Agricultural and Environmental Systems	MS Crop Protection
Crop Protection	MS Food Science and Technology
Agribusiness	
Soils	
Pre-Veterinary (Three Year Program)	

2. Undergraduate and graduate enrollment by academic program

Undergraduate Program	2023-2024	Graduate Program	2023-2024
General Agricultural Sciences	n/a	Agricultural Economics MS (face-to-face)	10 (1 sem) 10 (2 sem)
Agronomy	n/a	Agricultural Education MS	n/a
Agricultural Economics	26 (1 sem) 23 (2 sem)	MS Agricultural Extension	n/a
Agricultural Education	n/a	Horticulture MS	n/a
Agricultural extension	n/a	Animal Science MS	n/a
Horticulture	n/a	MS Agronomy	n/a
Animal Science	n/a	MS Soils	n/a
Agricultural and Environmental Systems	n/a	MS Crop Protection	n/a
Pre Veterinary	n/a	MS Food Science and Technology	n/a
Crop Protection	n/a	Agricultural Economics MS (online)	10 (1 sem) 12 (2 sem)
Agribusiness	44 (1 sem) 38 (2 sem)		
Soils	n/a		
Total	70 (1 sem) 61 (2 sem)	Total	20 (1sem) 22 (2 sem)

3.Degrees awarded by academic program

Undergraduate Program	2023-2024	Graduate Program	2023-2024
General Agricultural Sciences	n/a	Agricultural Economics MS	0
Agronomy	n/a	Agricultural Education MS	n/a
Agricultural Economics	5	MS Agricultural Extension	n/a
Agricultural Education	n/a	MS Horticulture	n/a
Agricultural extension	n/a	Animal Science MS	n/a
Horticulture	n/a	MS Agronomy	n/a
Animal Science	n/a	MS Soils	n/a
Agricultural and Environmental Systems	n/a	MS Crop Protection	n/a
Crop Protection	n/a	MS Food Science and Technology	n/a
Agribusiness	12		
Soils	n/a		
Total	17	Total	0

4.Teaching and non-teaching staff

	Faculty	SEA	EEA	Total
Professors	2	4	5	11
Researchers				
Extension Specialists				
Family and Consumer Science Educators				
Agricultural Agent				
Total Teachers	2	4	5	11
Total Non-Teaching		2		2
Total Teachers and Non-Teachers	2	6	5	13

Notes:

1. Teaching staff data include probationary, permanent, part-time and special appointments.
2. The data of non-teaching staff includes appointments on a daily basis, partial task, special and permanent.

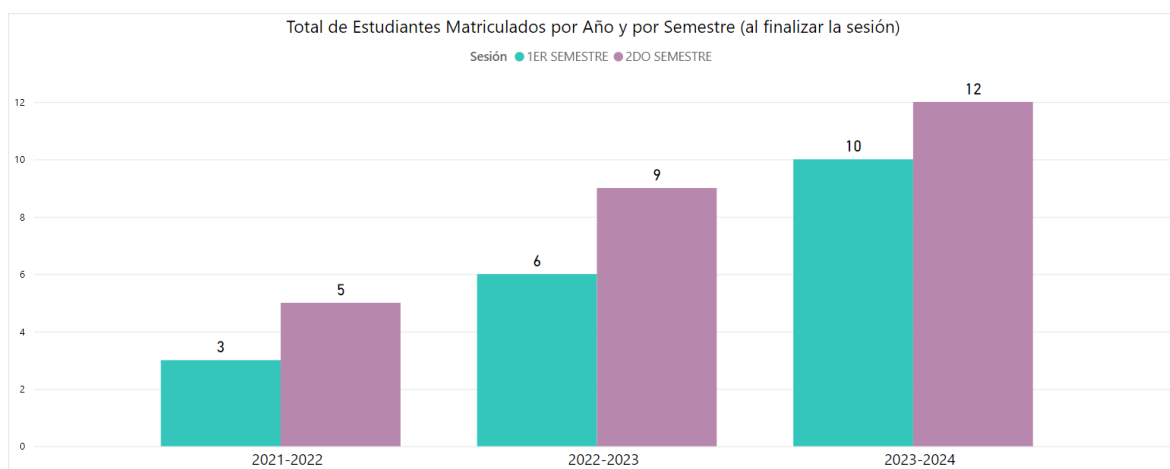
Report of initiatives, activities and achievements according to the Strategic Plan**A Executive Summary**

Include a narrative that summarizes in an overview the most relevant initiatives, activities, and accomplishments of your Deanship or Department.

The Department of Agricultural Economics and Rural Sociology has integrated the three components of teaching among its faculty: formal teaching, extension or dissemination and research. In addition, the teaching staff of the Department has been characterized by offering services to the academic community, public and private sector and communities. The Department has faculty who have been successful in obtaining competitive external funding and collaborating in various projects of competitive external funds in other Departments of the College of Agricultural Sciences and the Mayagüez University Campus, promoting multidisciplinary research and extension projects.

The undergraduate and graduate programs in this Department are unique in their class in Puerto Rico. The curricula are designed with balanced preparation between the different disciplines. Malleability of the graduate in being able to perform in various professional areas. The acceptance by our graduates in the job market has been excellent, both at the Baccalaureate and Master's level. The market recognizes the importance of agricultural economists. The need for agricultural economists is imperative for the agricultural sector of Puerto Rico, as well as in agribusiness (food processors, sellers of agricultural inputs and services, food wholesalers and retailers, economic studies and others). The program has updated and relevant courses. Excellent teaching staff with good preparation in the subject and recognized professional reputation.

Since August 2021, the academic offer for the Master of Science in Agricultural Economics began under the Online modality. During 2023-2024, 5 students were admitted for this new modality.



B Mission

Contribute, through education, research and dissemination, to the development of agro-industries and an economically viable and competitive agriculture. This includes the stages of production, processing and marketing of food, as well as the **conservation of the environment, contributing to a better quality of life.**

Vision

To be a leader in agricultural and agribusiness education and research in Puerto Rico through an interdisciplinary team. Maintain close collaboration with the public and private sectors projecting them to other tropical regions of the world, particularly to the Caribbean Basin. Prepare professional personnel in agricultural sciences, agribusiness, food sciences and environmental conservation. Disseminate and transfer scientific information and technology to contribute to a better quality of life.

C. Institutionalize a culture of strategic planning and appraisal

Department of Agricultural Economics and Rural Sociology

1. Appraisal activities (academic and/or administrative)
 - Meetings during the semesters of the departmental Academic Affairs Committee. IMI's and Quotas, departmental award

evaluations were reviewed. The criteria to be established for Non-Traditional Admission were evaluated.

- Semi-annual meetings of the departmental Graduate Committee.
- Semi-annual meetings of the Appraisal Planning Committee
- Semi-annual meetings of the Staff Committee to deal with personnel actions:
 - Promotions
 - Recruitment
 - Part-time appointments for retirees,
 - Highlights
 - other.
- Meeting with the Dean of Academic Affairs discuss the admission processes and low enrollment in the programs.

1. Five-year evaluations and recommendations.

- The curriculum of Agricultural Economics and the Master's Degree were worked and are advanced, but a final report is pending.

D. To be at the forefront of higher education in Puerto Rico ensuring that our students receive the best education

Summarize the initiatives developed to strengthen academic programs, provide an academic offer according to the needs of the student community, promote an environment conducive to the teaching-learning process and recognize academic achievements. Some points to consider:

1. Curriculum Reviews

- a. Updated undergraduate and graduate catalogs 2022-2023*

2. Recognition of teaching staff

- a. N/A*

3. Iniciativas para fortalecer la enseñanza

- a. Development and implementation of teaching methodologies*

Modality of Offering the Registered Undergraduate Courses of the Department of Agricultural Economics and Rural Sociology.

Course Code	Title	Face-to face	Hybrid	Online
ECAG 3005	Principles of Agricultural Economic Analysis	Yes	Yes	Yes
ECAG 3007	Introduction to the Use of Computers in the Agricultural Sciences	Yes	Yes	Yes
ECAG 3015	Agricultural Law	Yes	Yes	Yes
ECAG 4006	Introduction To Consumer Economics	Yes	Yes	Yes
ECAG 4007	Marketing of Agricultural Products	Yes	Yes	Yes
ECAG 4009	Cooperative Enterprises	Yes	Yes	Yes
ECAG 4015	Introduction to Resource Economics	Yes	Yes	Yes
ECAG 4017	Special Problems In Agricultural Economics	Yes	Yes	Yes
ECAG 4019	Farm Management and Accounting	Yes	Yes	Yes
ECAG 4025	Seminar	Yes	Yes	Yes
ECAG 4026	Introduction To Rural Sociology	Yes	Yes	Yes
ECAG 4027	Principles of Community Organization	Yes	Yes	Yes
ECAG 4028	Agricultural Finance	Yes	Yes	Yes
ECAG 4029	Agribusiness Management	Yes	Yes	Yes
ECAG 4035	Farm Appraisal	Yes	Yes	Yes
ECAG 4993	Selected Topics I	Yes	Yes	Yes
ECAG 4994	Selected Topics II	Yes	Yes	Yes
ECAG 5006	Feasibility Studies of Agricultural Enterprises	Yes	Yes	Yes

b. Using Technology in the Classroom

- *Distance Courses (Hybrid, Distance)*
- *Courses with Assistive Technology*

- *Google Meet*
- *Facebook Live*
- *Institutional Moodle*
- *Zoom*
- *Teams*

c. Training activities for teachers (refer to attached Excel tables)

- ✓ *Distance Learning Certifications (CREAD)*

4. Collaboration agreements (purpose, validity and name of the agency)

- ✓ *See attached Excel table*
- ✓ *SEA and EEA must send a separate list of this departmental report*

5. Participation of students in competitions and academic activities

a. 4th Applied Economic Annual Congress

19 undergraduate and graduate students participated in the *4th Applied Economic Annual Congress*, on May 10, 2024.

6. Strengthening of facilities for academic use

- a. Upgrade 17 licenses of the STATA program. This programmed is downloaded electronically and installed in each computer located in the AP-202 room. Direct benefit for undergraduate and graduate students, both face-to-face and / or online.

7. Academic offer

- a. The courses for First and Second Semester 2023-2024 were offered in three modalities: distance (asynchronous or synchronous), hybrid and face-to-face. The offer was according to course schedule and according to course demand.
- b. For the selection of courses and sections, students enrolled the courses according to the enrollment shift that corresponded to them.
- c. Students who are candidates for graduation received academic counseling to ensure they take the necessary courses to complete their degree.
- d. Assistance that students needed during the enrollment process or adjustments by staff in the Department was provided through the following link: <https://ajustes.uprm.edu/> ("Service Ticket").

1. **Disclosure of academic achievements (students and faculty)**

1. **Honor Students Recognition 2023-2024**

JEREMY J GRAFALS-BARRETO
LAURA I ALICEA-RIVERA
GUSTAVO E. CONCEPCIÓN CORDERO
EDWIN SANTANA-RIVERA
PAOLA M SANTIAGO-SANTIAGO
KIARA L CRUZ-GHIGLIOTTY
JEAN L RODRIGUEZ-RUIZ
ANGEL M RAMOS-PEREZ
FABIAN A ACEVEDO-CORTES
KARLA K FAGUNDO-VALENTIN



Dra. Gladys M. González Martínez
Emeritus Professor Distinction



Universidad de Puerto Rico
Recinto Universitario de Mayagüez
Senado Académico, Junta Administrativa y Claustro



26 de abril de 2024

Dra. Gladys M. González Martínez
Colegio de Ciencias Agrícolas
Recinto Universitario de Mayagüez

Estimada doctora González:

Es con sumo placer y honor que le comunico que la Junta de Gobierno aprobó la recomendación del Senado Académico del Recinto Universitario de Mayagüez de honrarla con la distinción académica de Profesor Emeritus de la Universidad de Puerto Rico.

Este honor habrá de otorgársele en una ceremonia pública y solemne a llevarse a cabo el miércoles, 29 de mayo de 2024 a las 5:30 de la tarde. Esperamos contar con su presencia y la de su familia ese gran día. Estamos muy felices de poder honrar su persona y su obra que tanto dignifica esta institución.

La Sra. Carmen A. Negrón Moure, Secretaria del Senado Académico, Junta Administrativa y Claustro, se comunicará con usted para los detalles de la Ceremonia y arreglos de rigor.

Cordialmente,

Agustín Rullán Toro, Ph.D.
Rector

Anejo



Universidad de Puerto Rico
Recinto Universitario de Mayagüez
SENADO ACADÉMICO



CERTIFICACIÓN NÚMERO 23-78

La que suscribe, Secretaria del Senado Académico del Recinto Universitario de Mayagüez de la Universidad de Puerto Rico, **CERTIFICA** que, en la reunión ordinaria celebrada el martes, 19 de diciembre de 2023, este organismo **ACORDÓ** recomendar a la Junta de Gobierno la concesión del rango en título de **PROFESOR EMERITUS** a la distinguida claustral **DRA. GLADYS M. GONZÁLEZ MARTÍNEZ**, Catedrática retirada del Departamento de Economía Agrícola y Sociología Rural, del Colegio de Ciencias Agrícolas, con todos los honores y privilegios que le correspondan por su labor encomiable llevando el mismo a niveles de excelencia tanto en la docencia como en la investigación.

El Senado Académico recomienda, además, que la concesión de este honor se haga formal y pública en la próxima colación de grados de este recinto.

Y para que así conste expido y remito la presente certificación a las autoridades universitarias correspondientes, bajo el Sello de la Universidad de Puerto Rico a los veinte días del mes de diciembre del año dos mil veintitrés, en Mayagüez, Puerto Rico.

Carmen A. Negrón Moure
Carmen A. Negrón Moure
Secretaria



bvm

b. Recognition Graduating Class 2023-2024







c. Awards Ceremony – June 21, 2024

1. Gustavo Concepción Cordero

- AWARD FOR BEST STUDENT OF THE AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY 2023-2024
- AWARD FOR BEST STUDENT OF THE FACULTY OF AGRICULTURAL SCIENCES 2023-2024



E. Increase and diversify the sources of income of the Institution

1. Fundraising initiatives

- a. Hatch
- b. RFP through SEA External Resources Unit
- c. USDA, mainly NIFA
- d. SEA Grant
- e. DEG
- f. Others received electronically and/or online

2. External funds received

- a. See table *Active Projects*

3. Own income and intended use

- a. Funds received for course offerings through RUMex

During 2023-2024, the department had the following courses on offer through RUMex:

ECAG 3005-001D (Principles of Agricultural Economic Analysis)

ECAG 3007-001D (Computer Use in Agricultural Sciences)

The department accumulates 20% of the surplus after payment of the salaries and marginal benefits of the teachers of the sections that belong to that department as established by Certification 21-46 in Number XV, letter B, point 3.

ii. Time Purchases and Institutional Incentives

During 2023-2024, we worked on the purchase of time and / or institutional incentives for six (6) teachers from our department.

F. Implement agile and efficient administrative processes

Department of Agricultural Economics and Rural Sociology

- a. (Electronic) automation of administrative processes-purpose and results

- ✓ Approval of Requisitions through SIA Prod (sia.upr.edu)
 - ✓ R3 approval via upr.edu account
 - ✓ Approval and processing of documents through Signrequest
- b. New or revised processes (rules, procedures) - purpose and results
- ✓ We continued to work on applications for graduate and/or undergraduate assistantships for research (R3) through *Signrequest*. This streamlines the administrative process, reducing the time of collecting signatures. It includes all official document procedures that require electronic signatures.
- c. Improvement activities for administrative and support staff
- ✓ *Professional Improvement Center (CEP) Professional Enrichment Center (CEP)*
 - ✓ *Workshops sponsored by Government Ethics*
 - ✓ *In coordination with the Office of Human Resources and the Equal Employment Opportunity and Reasonable Accommodation Officer, the participation of all staff was encouraged to comply with Article 3.3 of the Government Ethics Law, which establishes that all public servants must comply with a minimum of 20 hours of continuing education in ethics. of which 10 hours minimum have to be completed through training or any other method developed by the Center for the Development of Ethical Thinking (CDPE) and the remaining 10 hours through training offered by other public or private entities (validations)*
 - ✓ Workshops coordinated by the RUM
 - ✓ Workshops coordinated by the SEA
 - ✓ Workshops coordinated by the EEA
 - ✓ Registration Workshops
 - ✓ Graduate Assistantship Training/Online Graduate Assistantship System
 - ✓ other
- d. Recruitment of administrative staff
- ✓ The Department of Agricultural Economics and Rural Sociology only has an administrative staff that provides support to all areas, through emphasis. It is important to mention that this department is an integrated one that serves teaching staff of the three units of the College of Agricultural Sciences (Agricultural Experimental Station, Agricultural Extension Service and the Faculty). Since August 23, 2022, Ms. Sonia M. García Torres returned to her work as Administrative Secretary III, after attending to medical situations. Due to the lack of additional personnel in this department, it has been necessary to grant additional tasks to his position in order to meet departmental goals.

G. Strengthen research and competitive creative work:

1. Amount of external funding received, by source, for research and creative work.

✓ View Attached Project Tables

2. Total proposals submitted and approved, by department.

✓ View Attached Project Tables

3. Number of new research projects and creative work

✓ View Attached Project Tables

4. Number of research projects and creative work in progress

✓ View Attached Project Tables

5. Brief description of new and in-progress projects that are of greater impact (specify whether the projects are attached to the CID, EEA or SEA)

6. *Impact results in research projects and creative work (e.g. patents, discoveries)*

- ✓ Sustainable Risk Management and Insurance Benefits in the Agricultural Business
- ✓ Training Property Administration (PAF) – Moca, Coamo, Gurabo, Canóvanas, and camuy
- ✓ Fourth Congress of Applied Economics in Puerto Rico

7. *Initiatives to involve students in research projects and creative work*



UNIVERSIDAD DE PUERTO RICO
RECINTO UNIVERSITARIO DE MAYAGÜEZ
COLEGIO DE CIENCIAS AGRÍCOLAS
DEPARTAMENTO DE ECONOMÍA AGRÍCOLA Y SOCIOLOGÍA RURAL
Centro Empresarial para la Mujer en la Agricultura de Puerto Rico
(CEMA)

El Centro Empresarial para la Mujer en la Agricultura de Puerto Rico (CEMA) estará ofreciendo el curso:

ECAG 4994 (3 crdts)/6998 (3 crdts): Temas Selectos - Empresarismo Agrícola Sostenible II (NO TIENE PREREQUISITO)

Fecha: 16 de agosto al 6 de diciembre del 2024
Días: Viernes
Hora: 1:30 p.m. - 4:20 p.m.
Lugar: Universidad de Puerto Rico, Recinto Universitario de Mayagüez
Salón: P-207

Para más información sobre matrícula: Centro Empresarial para la Mujer Agrícola de Puerto Rico (CEMA) Oficina FALZ-012 (Oficina frente a la entrada de la Finca Alzamora) o pasar por el Departamento de Economía Agrícola y Sociología Rural (P-129)

Información de contacto:
Teléfono: (787) 832-4040 Ext: 6461
Correo electrónico: cema@uprm.edu
f : Centro empresarial para la mujer en la Agricultura

Work supported by USDA/NRCS Caribbean Area under Award Number NR24F3520001C001

8. Number of research collaboration agreements and brief description (purpose, validity and name of the agency)

PI	Project Title	Start Date	Termination Date	Extension (yes/no)	Type of Funds/ Sponsor Agency
Vivian Carro Figueroa	Multistate Research Coordination, Southern Region	1 October 1999 (proposed validity Parent project in NIMSS)	30 Sept. 2029 (Proposed validity of the parent project in NIMSS)		Hatch-Multistate/ USDA-NIFA
Vivian Carro Figueroa	Local and Regional Food Systems Extension and Research: network development, emerging	1 October 2021	30 sept. 2026	Yes (1 February 2022 (RIOR): Renovation of the old H-475 (S-65/SERA 47) with new # H-266-B (S-65/SERA47), Title and effective date	Hatch-Multistate/ USDA-NIFA

PI	Project Title	Start Date	Termination Date	Extension (Yes/No)	Type of Funds / Sponsor Agency
Héctor Tavárez Vargas	Using cost-benefit analyses to determine the economic viability of developing recreational opportunities in the Rio Hondo Community Forest of Puerto Rico	17 May 2021	5 May 2025		McIntire Stennis-USDA-NIFA

9. Most relevant publications and presentations (refer to attached Excel tables

✓ See table of Deputy Director

✓

10. Graduate assistantships for research and chair (amount and amount awarded)

AYUDANTIAS OTORGADAS 2023-2024
FACULTAD DE CIENCIAS AGRICOLAS

	2 ^{do} Semestre 2023-2024					
	Graduadas	Subgraduadas	Monto Otorgado			
Ayudantías de Investigación EEA	14		\$ 72,654.00			
Ayudantías de Divulgación SEA	2	1	\$ 3,825.00			
Ayudantía de CID	1		\$ 5,500.00			
Ayudantías de Cátedra	6		\$ 12,300.00			
Estipendios						
TOTAL	23	1	\$ 94,279.00			

11. Origin of graduate students (OPIMI)

- Puerto Rico

H. Impacting our Puerto Rican society

a. Participation in community initiatives (students, non-teachers, teachers)

Community service is an integral part of the work of our department staff. Again, during 2022-2023, the teaching staff continued to work on training and research initiatives to serve the most disadvantaged sectors with support from institutions such as NIFA, HATCH, Smith-Lever, PRPH Trust, OPPE, SARE, Women in Agriculture Initiative, among others. Our department offers different services for the benefit of the community through the Agricultural Extension Service by promoting the economic development of communities and the development of leadership and sustainable self-management initiatives.

100% of all faculty affiliated with CCA departments working in the Community Resource Development Programmatic Area (including the current Program Area Leader) come from our department. In collaboration with the Institute for Community Development of the RUM, we work integrated initiatives that pursue community development through service-learning initiatives.

b. Projects developed to meet community needs.

I. Strengthen the sense of belonging and "Collegiate Pride"

a. Improvement in services offered to students.

- *Enrollment process: orientation and academic counseling through different platforms: Google Meet, TEAMS, email, phone, etc. Enrollment settings through ajustes@uprm.edu*
- *Other platforms and assistive technology: Institutional Moodle, Facebook Live*
- *We continued to update the information on our website so that the academic curricula for agricultural economics and agribusiness are up-to-date and serve as a guide for students.*

b. Student Organization Activities

- ***Fourth Congress of Applied Economics***
*The Department of Agricultural Economics and Rural Sociology and the Association of Agricultural Economics and Agribusiness (AECAG) organized the **Third Congress of Applied Economics**, on Friday, May 10, 2024, in the Tarzan Room of the Student Center, Mayagüez University Campus. Under the theme: " Food security: recent research and public policy", the congress provided a meeting place for academics, students and other professionals to share and present recent research in applied economics.*
- *Prensa RUM shared the following report:*
 - *<https://www.uprm.edu/portada/2024/06/14/cuartocongresodeeconomiaagricola/>*

**Cuarto Congreso
Economía Aplicada
de Puerto Rico**



FECHA
Viernes, 10 de mayo de 2024
HORA 8:30 AM - 3:00 PM
LUGAR
Salón Tarzán del Centro de
Estudiantes en el RUM



AUSPICIADORES



Ofrecido a ustedes por el Departamento de Economía Agrícola y
Sociología Rural y la Asociación de Economía Agrícola y Agronegocios
(AECAG)

Autorizado por la Oficina del Contralor Electoral OCE-SA-2024-05784



Cuarto Congreso de Economía Aplicada

Panel Discussion

"Seguridad Alimentaria: Investigación Reciente y Política Pública"



— Josiemer Mattel, Universidad de Harvard La inseguridad alimentaria está asociada con comportamientos alimentarios disfuncionales entre adultos en Puerto Rico.



— Uriyoan Colon-Ramos, Universidad George Washington Los alimentos distribuidos durante la respuesta federal de ayuda en desastres en Puerto Rico después del huracán María no cumplieron completamente con las recomendaciones federales de nutrición.



— Myrna Comas Pagán, Recinto Universitario de Mayagüez de la UPR Inseguridad alimentaria estimada por comunidades en Puerto Rico.



— Cruz Nazario, Recinto de Ciencias Médicas de la UPR Percepciones del entorno alimentario local y consumo de frutas y verduras en el Estudio de Cohorte de la Red de Resultados de Salud del Caribe Oriental (ECHORN).



— Winna T Rivera Soto, Recinto de Ciencias Médicas de la UPR Apoyo social y su asociación con características sociodemográficas, patrones dietéticos y estrés académico percibido entre estudiantes universitarios en Puerto Rico.



— Luis Alexis Rodríguez, Universidad de Puerto Rico, Utuado Interacciones socioecológicas en un contexto de desastre: seguridad alimentaria de los hogares de agricultores puertorriqueños después del huracán María.



— Julio César Hernández, Recinto Universitario de Mayagüez de la UPR La contribución de la producción local y las importaciones de alimentos en la demanda calórica de Puerto Rico.

Viernes, 10 de mayo, 2024

8:30 AM - 3:00 PM

Salón Tarzán del Centro de Estudiantes en el RUM

REGÍSTRATE!!



OCE-SA-2024-06959



Cuarto Congreso de Economía Aplicada de Puerto Rico

Seguridad Alimentaria: Investigaciones Recientes y Política Pública

10 de mayo de 2024

8:30 AM

Salón Tarzán, Centro de Estudiantes
Recinto Universitario de Mayagüez

AGENDA

8:00 AM Registro

8:30 AM Bienvenida

- Dr. Alwin J. Jiménez Maldonado
Director, Departamento Economía Agrícola y Sociología Rural
- Rodrigo García
Presidente, Asociación de Economía Agrícola y Agronegocios (AECAG)

Saludos

- Dr. Raúl E. ~~Macchiavelli~~
Decano y Director, Colegio de Ciencias Agrícolas
- Dr. Agustín ~~Rullón~~ Toro
Rector, Recinto Universitario de Mayagüez

9:00 AM Panel I:

- ~~“Willingness to Pay for Ancillary Water Service Improvements in Puerto Rico”~~
Dr. Héctor S. Tavárez Vargas
Catedrático Asociado, Departamento de Economía Agrícola y Sociología Rural, EEA
- ~~“Pobre Gobernanza y Privatización Orgánica del Sistema Educativo en Puerto Rico”.~~
Dr. Ricardo Fuentes Ramírez
Catedrático Auxiliar, Departamento de Economía



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- **"The Role of Solar Electrification in Education".**
Dra. Alicia V. Barriga Burgos
Catedrática Auxiliar, Departamento de Economía Agrícola y Sociología Rural

10:00 AM

Panel 2:

- **Presentación del libro: "Economía Posdesastres y Desarrollo. Voces de las Mujeres Economistas de Puerto Rico."**
Dra. Gladys M. González Martínez
Catedrática, Departamento de Economía Agrícola y Sociología Rural
- **"Evaluación y Diagnóstico del Sector de la Agricultura Mediante un Análisis FODA como Base para una Propuesta de Desarrollo Sostenible de la Economía de Puerto Rico"**
Dra. Gladys M. González Martínez
Catedrática, Departamento de Economía Agrícola y Sociología Rural, SEA
- **"Los Precios de Alimentos y Productos Agrícolas en Puerto Rico"**
Dra. Alexandra Gregory Crespo
Departamento de Economía Agrícola y Sociología Rural, SEA
- **"Análisis del Sector del Agroturismo en las Fincas de Puerto Rico entre los Años 2017-2018"**
Prof. Tatiana A. Méndez Toro
Departamento de Economía Agrícola y Sociología Rural

11:00 AM

Presentaciones de carteles

12:00 PM

Receso Almuerzo

1:00 PM

Panel 4:**Seguridad Alimentaria: Nuevas Investigaciones y Política Pública**

- ***"Food Insecurity is Associated with Dysfunctional Eating Behaviors Among Adults in Puerto Rico"***
Dra. Josiemer Mattei
Harvard University
- ***"Food Distributed During Federal Disaster Relief Response in Puerto Rico After Hurricane Maria did not Fully Meet Federal Nutrition Recommendation"***
Dra. Uriyoan Colón Ramos
George Washington University

- *"Estimated Food Insecurity by Communities in Puerto Rico"*
Dra. Myrna Comas Pagán
UPR-Mayaguez Campus
- *"Perceptions of the Local Food Environment and Fruit and Vegetable intake in the Eastern Caribbean Health Outcomes Research Network (ECHO) Cohort Study."*
Dra. Cruz Nazario
UPR-Medical Sciences Campus
- *"Social Support and its Association with Sociodemographic Characteristics, Dietary Patterns, and Perceived Academic Stress Among College Students in Puerto Rico"*
Dra. Winna T. Rivera Soto
UPR-Medical Sciences Campus
- *"Social-ecological Interactions in a Disaster Context: Puerto Rican Farmer Households' Food Security After Hurricane Maria"*
Dr. Luis Alexis Rodríguez
UPR-Utuado Campus
- *"The Contribution of Local Production and Food Imports in the Caloric Demand of Puerto Rico"*
Dr. Julio César Hernández Correa
UPR-Mayaguez Campus

3:00 PM

Premiación de Carteles

Clausura

- *Workshops coordinated by the Association of Agricultural Economics and Agribusiness*

Plataforma digital Canvas
28 septiembre 2023, 10:30
P-207

Conferencia Alcanzando el Éxito en tus estudios
12 octubre 2023, 10:30
P-213

Conferencia Emprendimiento
24 octubre 2023, 10:30
P-213

Donativo de Amor (Recaudación artículos albergue animales)
6 febrero 2024
Lobby Piñero

Charla Agricultor Bonafide
5 marzo 2024
P-206

Mercado Colegial
21 marzo 2024
Placita Chardón

Charla Huerto Casero
2 abril 2024
P-205

Iniciación Socios AECAG
24 abril 2024
P-213

- *RUM Open House*
 - *November 10, 2023*



- *Initiation Ceremony and New Board Election – Agricultural Economics and Agribusiness Association*
 - *April 24, 2024*
 -



- *Agriculture Week Challenge*
 - *Date: June 10-14, 2024*

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AGRICULTURE WEEK CHALLENGE

Agricultural Career Exploration Program

SOBRE EL PROGRAMA

"Agriculture Week Challenge" es un programa innovador que busca que los estudiantes exploren la gran diversidad de carreras profesionales que existen dentro del campo de las Ciencias Agrícolas a través de un programa divertido, creativo y dinámico.

Los estudiantes recibirán materiales para experimentar desde su hogar y realizarán prácticas en laboratorios y predios de investigación agrícolas en UPR-RUM, guiados en todo momento por expertos en cada uno de los 12 programas que ofrece nuestra facultad.

12 al 16 de junio de 2023

Programa Híbrido Martes, Miércoles y Jueves (en línea) 8:00AM-12:00PM
Lunes y Viernes (presencial) en UPR-RUM 9:00AM-3:00PM

REQUISITOS:

- Ser estudiante de 10mo ó 11mo grado
- Completar la solicitud en línea
- Ensayo de presentación 1 página
- Transcripción de crédito escolar

De ser admitido al programa la cuota de participación: \$25.00

FECHA LÍMITE PARA SOLICITAR:
1 de mayo de 2023

Los estudiantes seleccionados serán notificados mediante correo electrónico el 15 de mayo de 2023.

Auspicia:

Información: bryan.hernandez16@upr.edu

INFORMACIÓN Y SOLICITUD

c. Activities to promote links with alumni

- *Through the Association of Students of Agricultural Economics and Agribusiness we try to maintain links with alumni in different educational activities.*
- *Through Summer Internship, we contact alumni who are currently working in agricultural agencies or companies.*
- *Through our website, several alumni have called us to ask about departmental projects and initiatives.*
- *We maintain contact and communication with graduates who are currently working in the United States.*

d. Donations received from alumni

- *Supermercados Selectos*
- *Asociación de Economistas de PR*
- *Alumni*

e. Collaboration agreements with government agencies, private sector and various entities (purpose, validity and name of the agency)

- ***Supermercado Selectos donates \$3,000 to RUM***
 - *The Fourth Congress of Applied Economics under the slogan " Food security: recent research and public policy*
- ***USDA-NRCS-PRAES: Community Garden Project 2022***
 - *Dr. Germán Ramos Cartagena, PI*
 - *Collaborative agreement between USDA-NRCS and UPRM SEA relating to Community Gardens*
 - *\$247,388*
 - *Starting July 2022*
- ***Professional Practices in Agricultural Economics and/or Agribusiness***

Nine (9) undergraduate students did professional internships in private companies and/or agencies.

J. International activity

Provide a summary of activities and initiatives with some component.
International

- a. Provide a summary of activities and initiatives with some component.
International
- b. Number of International Professors in Department/Faculty
✓ 1 International Professor in the Department
- c. Publications with international co-authors
✓ Héctor Tavárez and Levan Elbakidze (2023). **Willingness to Pay for Ancillary Water Service Improvements in Puerto Rico.** *Water Economics and Policy Journal*
- d. Projects and initiatives with international collaboration
 - ✓ Barriga A. (2023). **Does environmental conservation have unintended consequences in public health?** Oxford Development Studies
 - ✓ Barriga A. & Dunn R. (2023). **The Effect of Mass Migration on Disease Transmission: Evidence from the Venezuelan Refugee Crisis,** *Journal of Policy Analysis and Management*
 - ✓ Barriga A., Fiala N., Ferguson N. & Lerach M. (2023). **Ethnic Cooperation and Conflict in Kenya,** *Journal of Behavioral and Experimental Economics*
- f. Participation in international conferences, symposia, forums or seminars
 - ✓ See Deputy Table of Directors
- g. Study trips to other countries organized by the department/faculty
- i. Courses with international partners

