

2023.2.2.11a: Curriculum Vitae of Dr. José Ferrer

Evidence Overview

Dr. José Ferrer is a prominent figure in the field of educational technology and Artificial Intelligence as it applies to education. Serving as the Coordinator of the Center for Distance Learning Resources, he plays a pivotal role in supporting educators across the campus. His expertise not only enriches faculty development but also ensures that educational candidates are well-versed in the latest teaching technologies and methodologies.

Through his leadership, Dr. Ferrer actively contributes to the advancement of our teacher preparation program, preparing future educators to effectively utilize modern tools in P-12 classrooms. His extensive work as an author and speaker further underscores his commitment to improving education through technology. Dr. Ferrer's Curriculum Vitae provides a comprehensive view of his qualifications, notable contributions, and the significant impact he has on educational practices at our institution.

CAEP Standards

Alignment

Initial

Advanced

2.2

The Evidence

Dr. José Ferrer, as the Coordinator of the Center for Distance Learning Resources, enhances our teacher preparation program by ensuring that candidates are proficient in modern educational technologies and methodologies, and by supporting educators across the campus with their expertise in educational technology and Artificial Intelligence .

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José R. Ferrer López, Ed.D.

Aim	Provide excellent, effective and successful educational and administrative services that benefit students, clients and the institution in which I work.
Education	2010 University of Turabo Gurabo, PR Doctor of Education in Curriculum and Learning Environments Environment in Educational Technology 2004 University of Turabo Gurabo, PR Second degree in fine arts education Specialty in Music 2002 Metropolitan University Aguadilla, PR Master of Education Administration and Supervision 2000 Interamerican University San Germán, PR Bachelor of Music Classical guitar, professors Alberto Báez and Dr. Jacques Landry (unanimously approved juries), 38 additional credits in secondary and elementary education Graduated Magna Cum Laude.
Experience as an Educator	2004-present University of Puerto Rico Mayagüez, PR Professor - Teacher Preparation Program (PPM) EDUC 5005 - Introduction to STEAM Teaching Strategy. Distance learning. Course creator. EDPE 3077 - Integration of technology in education with distance and virtual teaching strategies. Distance learning. Course creator. TEED 5015 - Advanced Strategies for Online Courses. (distance learning - Moodle platform) course creator. TEED 5007 - Creation of online courses (distance - Moodle platform) course creator. TEED 5008 - Design and creation of educational materials for online courses (distance - Moodle platform) course creator. EDPE 3129 - Use of the microcomputer in the classroom (in-person and distance learning - Moodle, NEO LMS, Edu 2.0 and Elluminate platforms) EDPE 4165 - Theory and methodology of teaching art K-12 EDPE 4166 - Supervising the Practice of Teaching Art K-12 EDFU 4019 - Philosophical foundations of education (in-person and distance learning - Edu 2.0 and Elluminate platforms) EDFU 3001 - Human growth and development I 2013-2017 University of Puerto Rico Mayagüez, PR Professor - Department of Humanities MUSI 4995 - Introduction to piano playing I

MUSI 4996 - Introduction to Piano Performance II

MUSI 4996 - Improvisation and musical harmony

Creation of courses under special topics.

2011-2013 University of Puerto Rico Mayagüez, PR

Technological integration specialist - Academy for Training High-Performance Teachers (AForMAR 1, 2 and 3)

Creation, design, implementation and resource of a sequence of workshops for the training of science, mathematics, English and Spanish teachers in the integration of Web 2.0 technologies and distance education platforms in the teaching and learning processes.

Supervision of student Research Assistants and Facilitating Teachers.

PI and Project Manager.

2010 Interamerican University San Juan, PR

Teacher

GEIC 1000 - Information management and computer use

In-person and remote, Blackboard platform

2009-2012 Metropolitan University Aguadilla, PR

Teacher

EDUC 625 - Computer Systems in Educational Administration and Recreational and Sports Services (Graduate Level)

EDUC 202 - Design and production of instructional materials

EDUC 135 - Psychological, sociological and philosophical foundations of education

EDUC 116 - Elementary School Fine Arts Integration

COIS 202 - The computer in education

2009 University of Puerto Rico Mayagüez, PR

Teacher - Institute for the Development of Online Teaching and Learning (IDEAL)

Effective communication and assessment in online teaching and learning.

Online Education Certification Course (Distance Learning, Elluminate and EDU 2.0 Platforms)

2000-2012 Department of Education

Aguada, PR

Music teacher

Concert choir, classical guitar, folk guitar, pop band, music theory, music history, art history and art appreciation. Experience at advanced and elementary levels.

Project for the active integration of technology and computers in the music classroom. See: <http://musicaelemental.blogspot.com>

2000-2001 Adult Night School Moca, PR

Adult education

- Courses: Music History and Music Appreciation

1997-1999

Interamerican University San Germán, PR

Educational Technology Tutor

Tutorials on the use of personal computers as a tool in teaching and learning processes in music.

1993 - 2018 PR Musician

Guitarist

**Experience as
Administrator**

Groups in genres such as pop, rock, blues, ballads and bohemian.

2022-present University of Puerto Rico Mayagüez, PR

Director - Division of Continuing Education and Distance Education

Development of in-person and distance continuing education offerings.

Search for external funding for proposals and services.

Administration of special projects such as: School for Talented Students, PADE II, PADE III, OATRH, among others.

PADE III. Estimated profit: \$1,053,000.00

2021-2022 University of Puerto Rico Mayagüez, PR

Director - Office of Educational Innovation, Distance Education and Professional Studies

Creator of this office

In charge of DECEP, CREAD, CEP and RUMex

2020-2021 University of Puerto Rico Mayagüez, PR

Director - Division of Continuing Education and Distance Education

Creator of the Extended University of the Mayagüez University Campus, RUMex. (courses and programs with credit in night, Saturday and distance learning modes)

In charge of the Short Courses and Space Projects Program and the Distance Education Resource Center

Development of face-to-face and distance continuing education offerings

Search for external funding for proposals and services

Supervisor of 1 Assistant Director, 1 Administrative Officer II, 1 Administrative Secretary V, 1 Coordinator of Technical Services to Users I, 1 Production Technician, 1 Television Technician and 1 Graphic Designer.

I developed the first eCommerce system for marketing, payment and automated online registration for the offering of short distance courses.

More than 30 distance learning continuing education courses have been developed under my administration.

Short seminars and workshops on various topics are offered via video conference.

Increase of more than \$70,000.00 for the provision of short distance courses.

Increase of more than \$1,000,000.00 in revenue from approved and executed proposals for continuing education and other educational services through OATRH and DEPR.

I coordinated efforts to ensure the continuity of educational processes assisted by COVID-19 technologies for the entire campus.

2015-present University of Puerto Rico Mayagüez, PR

Director- Distance Education Resource Center (CREAD)

Responsible for developing the model for creating online courses.

Prepare orientation materials.

Provide training on online education.

Support in the development of digital educational materials.

Coordination of the Center's tasks and work.

Supervision by 1 area supervisor, 1 cameraman and video editor, 1 multimedia producer and students from Jornal and the Work-Study Program.

2015-2018 University of Puerto Rico Mayagüez, PR

Director - Division of Continuing Education and Professional Studies (DECEP)

In charge of Short Courses and Special Projects

Marketing of course offerings, seeking new resources and funding, establishing new projects.

Supervising 5 administrative assistants and secretaries, 1 educational technology technician, 1 computer and network technician, and students from the Work-Study Program.

Creation of new continuing education courses and certifications.
 Interview and hiring of instructors for the courses.
 I increased the number of courses offered by more than 50% and the DECEP's collections by 150%. In the 2017-2018 academic year, nearly \$250,000.00 was collected per semester thanks to my efforts.

I developed the Distance Education Resource Center.

Several proposals approved.

2012-2014 University of Puerto Rico Mayagüez, PR

Assistant Director - Division of Continuing Education and Professional Studies (DECEP)

In charge of Short Courses and Special Projects

Marketing of course offerings, seeking new resources and funding, establishing new projects.

Supervising 3 administrative secretaries, 1 educational technology technician, 1 computer and network technician, and students from the Work-Study Program.

Creation of new continuing education courses and certifications.

Interview and hiring of instructors for the courses.

I increased the number of courses offered and the collections of DECEP by more than 50%.

3 proposals submitted and approved through federal WIA funds.

2020 -2021 Carlos Albizu University San Juan and Mayagüez, PR

Educational multimedia producer. Undergraduate and graduate courses.

2021 National University Collage (NUC) Mayagüez, PR

Content Expert in Instructional Design

Creation of the course and educational materials for EDUC 6215: Instructional Design and Online Teaching. Graduate Level.

2021-2022 University of Puerto Rico Mayagüez, PR

Webmaster – RUMex (Extended University of RUM)

Creation and maintenance of the website. Wordpress.

2018-present University of Puerto Rico Mayagüez, PR

Webmaster – Distance Education Resource Center

Creation and maintenance of the website and the eCommerce system. Wordpress.

2018-present University of Puerto Rico Mayagüez, PR

Webmaster – Division of Continuing Education and Professional Studies

Website update and maintenance. Wordpress.

2018-2020 University of Puerto Rico Mayagüez, PR

Webmaster – Teacher Preparation Program.

Website update. Wordpress.

2014-2015 University of Puerto Rico Mayagüez, PR

Webmaster – CRUISE Teacher Webtools Project

Website creation and advice for the creation of online educational modules. Google Sites.

2018 -2019 Carlos Albizu University San Juan, PR

Curriculum and Distance Education Advisor

1994-2006 Own Business Aguada, PR

Music Administrator and Instructor (guitar, bass, piano, drums)

Other Experiences

Research

Research in action

- Ferrer, J. and Bellido, M. (2021). Development and execution of a Massive Self-Directed Open Course (CAAM) with the Multi-Strategic Model for Effective Online Teaching (MEL). *Educational Impact* . Volume 2. Journal of the Teacher Preparation Program of the Mayagüez Campus of the University of Puerto Rico. Available at <https://cutt.ly/9Wtwo6r>

Doctoral
Dissertation

Master's Thesis

Proposals

Author,
Co-author,
Contributor and
Co-investigator

- Ferrer, J. and Cruz, S. (2016). Design, Develop and Administration: Best Practices for Future Engineering Full Online Courses. International Conference on Engineering Education and Research 2016, Sydney, Australia. Approved and presented.
- Ferrer, J. (2014). Learning Management Systems: students' perception. Action research. *Educational Impact* . PPMES Journal, UPR-RUM. Available at http://www.uprm.edu/p/ppmes/revista_impacto_educativo
- Ferrer, J. (2010). *Frequency of use and knowledge that educators have of the "blog" as a teaching technique* . Research submitted as a partial requirement for obtaining the degree of Doctor in Education at the University of Turabo.
- Ferrer, J. (2001). *The relationship between the level of satisfaction of music teachers, in terms of their comprehensive development and their perception of the supervision processes carried out by the school principal*. Research submitted as a partial requirement for obtaining the degree of Master of Arts in Education at the Metropolitan University.
- Ferrer, J. and Ortiz, Y. (2023). Short-Form Credential Providers and Employers for the 21st Century Technical and Business Education Fund. DDEC. Approved. Amount: \$360,000.00
- Ferrer, J. and Ortiz, Y. (2021). Accelerated conversion project of face-to-face courses to distance learning. Center for Distance Education Resources (CREAD). HEERF II federal funds. Approved. \$1,700,000.00.
- Ferrer, J. and Hernández, J. (2021). Back to School Training with the DEPR and the UPR. Two days of keynote lectures, for more than 26,000 teachers simultaneously. More than \$2,000,000,000 in income for the UPR. Approved and successfully executed. https://www.uprm.edu/portada/2021/08/13/rumadiestra13mileducadores/?fbclid=IwAR3jdGzibi7LisJI5C6QdBT0pQNsXk_Ljly81kehU9Rk4klpqq-tAaVdCU
- Ferrer, J. (2020). Training of Science teachers on Climate Change. 500 participants. Approved and executed. <https://www.upr.edu/recinto-universitario-de-mayaguez-de-la-upr-capacita-a-mas-de-500-maestros-en-metodologias-de-ensenanza-y-cambio-climatico/>
- Ferrer, J. (2020). Training for History and Social Studies teachers. Curricular Tools and Innovative Methodologies for Teaching Social Studies. 350 participants. Approved and executed. <https://www.uprm.edu/portada/2021/07/16/equipomaestrostudiossociales/>
- Ferrer, J. (2017). College for the Development of Successful Teachers (CoD2E). Teacher training proposal. Approved by the PR DE. DECEP, UPR-RUM.
- Ferrer, J. (2017). Project-Based Learning for History Teachers. Teacher training proposal. Approved by the PR DE. DECEP, UPR-RUM.
- Ferrer, J. (2017). Boosting Creativity: Developing Collaborative Problem Solving Skills in Preservice Visual Art Teachers using Design Thinking, approved by the Center for University Resources for Research and Educational Services (CRUISE), University of Puerto Rico, Mayagüez Campus
- PRTech. (2014). *Ready to Work Grant* . Federal proposal for 4 years of more than 7 million. Approved by the White House (Washington) in collaboration between PRTech, University of Puerto Rico, Aguadilla and Mayagüez, and the Interamerican University of Puerto Rico in Aguadilla. UPRM liaison, collaboration with the writing, and creation of the curriculum to be implemented. 3 credits awarded as additional compensation.
- Figueroa, J., Ferrer, J., Bellido, C. and Wayland, K. (2013) *Academy for Training High Performance Teachers 4 (AForMAR 4)* . CRUISE-UPRM proposal not approved by the Department of Education of Puerto Rico.
- Figueroa, J., Ferrer, J., Bellido, C. and Wayland, K. (2012) *Academy for Training High Performance Teachers 3 (AForMAR 3)* . CRUISE-UPRM proposal approved by the Department of Education of Puerto Rico. Approved budget \$1,706,319.00. Began in December 2012, ends in June 2013.
- Figueroa, J., Ferrer, J., Bellido, C. and Wayland, K. (2012) *Academy for Training High Performance Teachers 2 (AForMAR 2)* . CRUISE-UPRM proposal approved by the

Department of Education of Puerto Rico. Approved budget \$298,200.00. Completed on July 31, 2012.

- Rivera, G., Ferrer, J. and Figueroa, J. (2011). *Proposal to certify UPRM as a bidder for professional development workshops for teachers, directors and DE facilitators* . Approved.
- Vega, J., Ferrer, J., Bellido, C. and Wayland, K. (2010) *Academy for Training High Performance Teachers (AForMAR)* . CRUISE-UPRM proposal submitted and approved by the Department of Education of Puerto Rico. Approved budget \$497,758.00. Completed on June 16, 2011.

Presentations

- Ferrer, J. (2024). The role of higher education in the era of Artificial Intelligence. Symposium: Building digital bridges: Challenges and opportunities at the intersection of Artificial Intelligence and Accessibility. School of Law, Interamerican University of Puerto Rico.
- Ferrer, J. (2023). Integration and effect of Artificial Intelligence in Education. SDG Academy International Forum, Virtual Educa, Caribbean University.
- Ferrer, J. (2023). Artificial Intelligence in health care: Trends and implications in the field of nursing, a necessary reflection. College of Nursing Professionals of Puerto Rico. Interamerican University of Puerto Rico.
- Ferrer, J. (2023). Artificial Intelligence: It is already the present of education and work. Accelerated Professionalization Program of the DEPR (PADE) - UPR Impulse.
- Ferrer, J. (2021). Virtual teaching and strategies for the non-face-to-face classroom modality. University System of the Catholic University of Puerto Rico. By invitation.
- Ferrer, J. (2019). Encouraging contemporary students to pursue teaching careers: Through the lens of resilient educators. University of Puerto Rico, Mayagüez.
- Ferrer, J. (2019). Multi-Strategic Model for Effective Online Teaching (MEL). GKA EDU 2019 VIII International Conference on Education and Learning, University of Porto, Portugal. Approved and presented.
- Ferrer, J. and Cruz, S. (2016). Design, Develop and Administration: Best Practices for Future Engineering Full Online Courses. International Conference on Engineering Education and Research 2016, Sydney, Australia. Approved and presented.
- Ferrer, J., González, K., Ortiz, C., & Sandoval, W. (2018). Multi-Strategic Online Teaching Model: Practices and Reflections from the University of Puerto Rico. HETS 2018 Best Practices Showcase. Metropolitan University , Metro area.
- Román, R., Ferrer, J., Rivera, O. and Quiñones, J. (November 2011). *Interdisciplinary university project developed for the improvement of educational centers in the western area* . Approved. 12th International Meeting on Education and Thought. Educational trends for the formulation of a new critical and creative educational project. Ponce, PR
- Román, R., Ferrer, J., & Orama, R. (December 1, 2011). *Transformation of 52 teachers with the AForMAR project*. 16th Annual Conference of the College Board of Puerto Rico. San Juan Hotel and Casino. San Juan PR

Books and published articles

- Ferrer, J. (2024). Artificial Intelligence in the Classroom: A Guide to Integrating AI in Student-Centered Activities. Available electronically on Amazon. Book in print and digital format.
- Ferrer, J. (2024). Guide to creating procedure manuals: One of the best kept secrets of megacorporations. Available electronically on Amazon. Book in print and digital format.
- Ferrer, J. (2023). Surviving the Stupidity of Your Youth: Not-So-Serious Rules for Stopping Getting Offended by Everything and Finding Your Way. Available on Amazon in electronic format. Book in print and digital format.
- Ferrer, J. (2023). Learning Assessment in the Age of Artificial Intelligence: A Guide to Developing a Culture of Student Academic Integrity. Available electronically on Amazon. Book in print and digital format.

- Ferrer, J. (2023). Integrated Conflict Management and Negotiation Model (ICMM). Available on Amazon electronically. Book in print and digital format.
- Ferrer, J. (2023). Sold: Neuromarketing techniques that large corporations don't want you to know. Available electronically on Amazon. Book in print and digital format.
- Ferrer, J. (2022). 8 Minimalist Principles: A Guide to Improving Your Finances and Achieving Greater Well-Being. Available electronically on Amazon. Book in print and digital format.
- Ferrer, J. (2022). How to Write a Book in 10 Steps: Guide to Writing and Publishing a (Non-Fiction) Book Quickly and Without Investing. Available on Amazon electronically. Book in print and digital format.
- Ferrer, J. (2022). Personal Finance: What Everyone Should Know Before Age 25. Available electronically on Amazon. Book in print and digital format.
- Ferrer, J. (2022). Innovation and Creativity Leadership: Beyond Managing and Supervising. Available on Amazon electronically. Book in print and digital format.
- Ferrer, J. (2022). Hybrid, mixed and mixed population teaching:
- Post-COVID-19 methodologies. Available on Amazon in electronic format. Book in print and digital format.
- Ferrer, J. (2021). Accessibility in Distance Education. Published for free through the Distance Education Resource Center. UPR-RUM. Available at <https://drive.google.com/file/d/1n9zBWEC0ZBXtGL8TuYG4l14gl3u7xLDh/view>
- Ferrer, J. and Bellido, M. (2021). Development and execution of a Massive Self-Directed Open Course (CAAM) with the Multi-Strategic Model for Effective Online Teaching (MEL). *Educational Impact* . Volume 2. Journal of the Teacher Preparation Program of the Mayagüez Campus of the University of Puerto Rico. Available at <https://cutt.ly/9Wtwo6r>
- Ferrer, J. (2020). Multi-Strategic Model for Effective Online Teaching. (Spanish Edition). Available on Amazon electronically. Book in print and digital format.
- Ferrer, J. (2019). Being Creative: A Guide to Inspiring Your Ideas and Innovation (Spanish Edition). Available on Amazon in electronic format. Book.
- Ferrer, J. (2019). Being Creative: A guide to inspire ideas and innovation. Available on Amazon in electronic format. Book.
- Ferrer, J. (2018). 20 Advanced Strategies for Online Courses: A Guide to Taking Your Course to the Next Level. Available electronically on Amazon. Book in print and digital format.
- Ferrer, J. (2018). From the physical classroom to the virtual classroom: A 20-step guide to creating your online class from your face-to-face class, without complex theories. Available electronically on Amazon. Book in print and digital format.
- Ferrer, J. (2017). Design and creation of educational materials: A guide from the minimum to the optimal for online courses. Available electronically on Amazon. Book in printed and digital format.
- Ferrer, J. (2014). Learning Management Systems: students' perception. Action research. Educational Impact. PPMES Journal, UPR-RUM. Available at http://www.uprm.edu/p/ppmes/revista_impacto_educativo
- Ferrer, J. and Wayland, W. (Year LII, No. 3, 2011). *Academy for Training High-Performance Teachers*. El Sol. Puerto Rico Teachers Association. San Juan, Puerto Rico. (printed magazine)
- Ferrer, J. (2012). *Technology in music education: The iPad as a teaching tool*. El Educador.com. Latin American Electronic Journal.
- Ferrer, J. (2024). Advanced Use of ChatGPT. www.drjoseferrer.com
- Ferrer, J. (2024). Ethical foundations in the use of Artificial Intelligence. www.drjoseferrer.com

Workshops and trainings offered

- Ferrer, J. (2023, 2024). GPT Chat Prompts Engineering Certification for Educators. Polytechnic University of Puerto Rico, Interamerican University of Puerto Rico, Caribbean University and other institutions.
- Ferrer, J. (2024). Productivity Systems: Free up your time, find balance and peace of mind. www.drjoseferrer.com
- Ferrer, J. (2024). Map for the Development of your Personal Brand. www.drjoseferrer.com
- Ferrer, J. (2023, 2024). Certification in STEAM Teaching Fundamentals in the Age of Artificial Intelligence. www.drjoseferrer.com
- Ferrer, J. (2022). Towards the metaverse: A look at the education of the future and the world of work. Eleventh Systemic Webinar 2021-2022. From the UPR Central Administration for the 11 Campuses.
- Ferrer, J. (2021). The effect of distance learning course design on emotions and academic achievement. 1st Virtual Meeting of Teachers. Antillean Adventist University. By invitation.
- Ferrer, J. (2021). Developing critical thinking in the classroom. Fifteenth Systemic Webinar . Requested and coordinated by the Vice Presidency for Academic Affairs and Research and the Systemic Committee for Professional Teaching Improvement of the University of Puerto Rico.
- Ferrer, J. (2020). Strategies for productive teleworking. University of Puerto Rico, Mayagüez. 4 contact hours.
- Ferrer, J. (2020). Academic honesty: General recommendations for evaluation in courses assisted by Internet technologies. University of Puerto Rico, Mayagüez. 1.5 contact hours.
- Ferrer, J. (2020). Evaluation techniques and strategies in technology-mediated courses. University of Puerto Rico, Mayagüez. 1.5 contact hours. University of Puerto Rico, Mayagüez. 2 contact hours.
- Ferrer, J. (2020). Assessment techniques and strategies in technology-mediated courses. University of Puerto Rico, Mayagüez. 1.5 contact hours.
- Ferrer, J. (2019). Integration of Basic Subjects in Fine Arts Classes. Workshop for Fine Arts Teachers. Department of Education of Puerto Rico. Workshop and resource designer.
- Ferrer, J. (2018). Application of Project-Based Learning (PBL) Methodology to develop research on environmental problems and the natural landscape of Puerto Rico. UPRM and PR Agreement. Administrative Director and resource.
- Ferrer, J. (2018). Technological Integration with Google Classroom for Project-Based Learning and Differentiated Education. CoD2E, DECEP, UPR, RUM.
- Ferrer, J. (2018). Effective supervision. Workshop for supervisors of the Commsens company. DECEP, UPR, RUM. 32 contact hours.
- Ferrer, J. (2018). From the physical classroom to the virtual classroom: A 20-step guide to creating your online class from your face-to-face class, without complex theories. University of Puerto Rico, Ponce.
- Ferrer, J. (2015). Planning and *Creating Instructional Videos for the Flipped Classroom*. Workshop for professors, teaching assistants and students of the Department of Mathematics. University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (2015). Effect of Fine Arts on Students' Cognition . Workshop for Fine Arts teachers. Inmaculada School. Mayagüez. 6 contact hours.
- Ferrer, J. (2014, 2015). Planning and *Creation of Instructional Materials*. Workshop for students of Teaching Practice. PPMES. University of Puerto Rico. Mayagüez. 4 contact hours.
- Ferrer, J. (February, 2014). *Good practices in university education* . Workshop for teaching assistants. Ponce School of Medicine.
- Ferrer, J. (February, 2014). *Learning Management Systems to improve teaching effectiveness in face-to-face, hybrid and distance courses* . CEP. UPR, RUM.
- Ferrer, J. (January, 2014). *Creation of Clinical Observation Instruments: Anecdotal Records, Checklists and Rubrics*. Workshop for Teaching Practice Students. PPMES. University of Puerto Rico. Mayagüez. 4 contact hours.

- Ferrer, J. (November, 2013). *How to prepare an electronic portfolio on Google Sites* . UPRM. Secondary School Teacher Preparation Program. Workshop for students on English methodology. 3 contact hours.
- Ferrer, J. (September, 2013). *Active learning in the classroom*. Workshop for the Certification of Cooperating Teachers. PPMES. University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (August, 2013). *Creation of Clinical Observation Instruments: Anecdotal Records, Checklists and Rubrics*. Workshop for Teaching Practice students. PPMES. University of Puerto Rico. Mayagüez. 4 contact hours.
- Ferrer, J. (April, 2013). *Creation of Clinical Observation Instruments: Anecdotal Records, Checklists and Rubrics*. Workshop for Teaching Practice Students. PPMES. University of Puerto Rico. Mayagüez. 4 contact hours.
- Ferrer, J. (January, 2013). *Using the Blog and EDU 2.0* . Workshop on resources from the Tecnorecreate project. University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (December, 2012). *Evaluation of the Academic Achievement of Students*. PREMSINC. Workshop for teachers of the PR DE, Miguel Such Vocational School, San Juan, PR 6 contact hours.
- Ferrer, J. (November 2012 to June 2013). *Academy for Training High-Performance Teachers, AForMAR 3*. Web 2.0 topics as a teaching technique to improve student achievement in English, Spanish, Mathematics and Science at the Secondary Level. Sequence of Saturday workshops and summer conference. CRUISE. University of Puerto Rico. Mayagüez. More than 80 contact hours.
- Ferrer, J. (November 2012 to June 2013). *Academy for Training High-Performance Teachers, AForMAR 3*. Web 2.0 topics as a teaching technique to improve student achievement in English, Spanish, Mathematics and Science at the Elementary Level. Sequence of Saturday workshops and summer conference. CRUISE. University of Puerto Rico. Mayagüez. More than 80 contact hours.
- Ferrer, J. (August, 2012). *Integration of Action Research in the Classroom* . UPR, RUM, CRUISE. Workshop for DE teachers in PR, San Germán, PR 6 contact hours.
- Ferrer, J. (August, 2012). *Clinical observation as a technique to improve student performance in Spanish, English, mathematics and science* . UPR, RUM, CRUISE. Workshop for DE teachers in PR, San Germán, PR 6 contact hours.
- Rivera, N. and Ferrer, J. (June, 2012). *Learning Strategies: Scientifically Based Methods and Strategies. Reforming Strategies* . Workshop for Visual Arts and Spanish teachers, Department of Education of Puerto Rico. Residential at the Gran Meliá Hotel, Río Grande, Puerto Rico. 6 contact hours.
- Ferrer, J. and Rivera, N. (June, 2012). *Planning in the teaching of visual arts* . Workshop for Visual Arts and Spanish teachers, Department of Education of Puerto Rico. Residential at the Gran Meliá Hotel, Río Grande, Puerto Rico. 6 contact hours.
- Ferrer, J. and Rivera, N. (June, 2012). *Techniques and assessment strategies in the teaching of Visual Arts* . Houghton Mifflin Harcourt. Workshop for Visual Arts and Spanish teachers, Department of Education of Puerto Rico. Residential at the Gran Meliá Hotel, Río Grande, Puerto Rico. 6 contact hours.
- Ferrer, J. and Rivera, N. (June, 2012). *Writing operational objectives and their level of depth in student performance* . Houghton Mifflin Harcourt. Workshop for Visual Arts and Spanish teachers, Department of Education of Puerto Rico. Residential at the Gran Meliá Hotel, Río Grande, Puerto Rico. 3 contact hours.
- Ferrer, J. (2012). *Design and writing of reagents and tests aligned with Norman Webb's Depth of Thinking Levels*. UPR, RUM, CRUISE. Workshop for DE teachers in PR. 6 contact hours.

- Ferrer, J. (2012). *How to respond to the diversity of intelligences and learning styles in the classroom in basic subjects*. UPR, RUM, CRUISE. Workshop for DE teachers in PR. 3 contact hours.
- Ferrer, J. (2012). *Using Excel in the classroom*. JF Educational Service, Inc. Workshop for DE teachers in PR. 6 contact hours.
- Ferrer, J. (2012). *How to create effective presentations with PowerPoint*. Arsenio Martinez School. Workshop for 10th grade students. 6 hours.
- Ferrer, J. (2011). *Effective assessment techniques*. UPR, RUM. Secondary School Teacher Preparation Program. Workshop for cooperating teachers.
- Ferrer, J. (2011). *How to prepare an electronic portfolio on GoogleSites*. UPR, RUM. Secondary School Teacher Preparation Program. Workshop for cooperating teachers.
- Ferrer, J. (2011). *Virtual hard drives and their integration into the blog*. Workshop for librarians of the Aguada school district. 6 contact hours.
- Ferrer, J. (2011). *How to prepare an electronic portfolio in GoogleSites*. UPRM. Secondary School Teacher Preparation Program. Workshop for cooperating teachers. 6 contact hours.
- Ferrer, J. (2011). *Proposal preparation*. JF Educational Service, Inc. Workshop for DE teachers in PR. 6 contact hours.
- Ferrer, J. (2011). *Norman Webb, daily planning and assessment*. JF Educational Service, Inc. Workshop for DE teachers in PR. 6 contact hours.
- Ferrer, J. (February 5, 2011). *Introduction to Web 2.0 in education*. Workshop for science and mathematics teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (February 5, 2011). *Introduction to Web 2.0 in education*. Workshop for English and Spanish teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (February 12, 2011). *Supporting theories for the use of Web 2.0 in education*. Workshop for science and mathematics teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (February 12, 2011). *Supporting theories for the use of Web 2.0 in education*. Workshop for English and Spanish teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (February 26 and March 12, 2011). *Blogs as a teaching technique*. Workshop for science and mathematics teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 6 contact hours.
- Ferrer, J. (February 26 and March 12, 2011). *Blogs as a teaching technique*. Workshop for English and Spanish teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 6 contact hours.
- Ferrer, J. (March 19, 2011). *Web 2.0 and content management*. Workshop for science and mathematics teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (March 19, 2011). *Web 2.0 and content management*. Workshop for English and Spanish teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (March 26, 2011). *Web 2.0: social networks in education*. Workshop for science and mathematics teachers. Academy for Training High Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
- Ferrer, J. (March 26, 2011). *Web 2.0: social networks in education*. Workshop for English and Spanish teachers. Academy for Training High Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.

- Ferrer, J. (April 9, 2011). *Web 2.0: creation and manipulation of educational content*. Workshop for science and mathematics teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
 - Ferrer, J. (April 9, 2011). *Web 2.0: creation and manipulation of educational content*. Workshop for English and Spanish teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
 - Ferrer, J. (April 30, 2011). *Web 2.0: electronic assessment (eAssessment)*. Workshop for science and mathematics teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
 - Ferrer, J. (April 30, 2011). *Web 2.0: electronic assessment (eAssessment)*. Workshop for English and Spanish teachers. Academy for Training High-Performance Teachers (AForMAR). University of Puerto Rico. Mayagüez. 3 contact hours.
 - Ferrer, J. (2010, 2011). *Technology: a great tool for teaching*. Opening conference in plenary session. 7th Academic Conference: Transformation of the classroom through technology. Santillana Group. Wyndham Rio Mar, Rio Grande, PR.
 - Ferrer, J. (2010, 2011). *Creation and manipulation of educational content using the Web*. Workshop. 7th Academic Conference: Transformation of the classroom through technology. Santillana Group. Wyndham Rio Mar, Rio Grande, PR.
 - Ferrer, J. (2010). *Integration of the Internet as a teaching technique*. Project for the fulfillment of the Teaching Career. Online workshops for teachers of the Aguada school district. Edu 2.0 Platform.
-
- Ferrer, J. (2020-present) Educational video capsules on distance education on LinkedIn. <https://www.linkedin.com/in/dr-jos%C3%A9-r-ferrer-l%C3%B3pez-45b19036/>
 - Ferrer, J. (2010). *Blog as an educational resource in libraries*. Workshop for librarians of the Aguada school district.
 - Ferrer, J. (2010). *Review for PCMAS: Educational Technology*. UPRM.
 - Ferrer, J. (2008, 2009). *How to prepare an electronic portfolio on Google Sites*. UPRM. Secondary School Teacher Preparation Program. Workshop for teachers of teaching practice and students.
 - Ferrer, J. (2008). *The Internet as a tool to improve teaching effectiveness*. UPRM. Workshop for cooperative business teachers.

2020 University of Puerto Rico Mayagüez, PR

Member of the Thesis Committee of Félix D. Díaz Méndez

2018 University of Puerto Rico Mayagüez, PR

Member of the Kevin Molina Serrano Undergraduate Thesis Committee

2018-present University of Puerto Rico Botanical Garden, PR

Member of the Institutional Board of Distance Education

2017-present University of Puerto Rico Mayagüez, PR

Chair of the Curriculum Committee for the Teacher Preparation Program

2016-present University of Puerto Rico Mayagüez, PR

**Non-teaching
activities and
committees**

Coordinator of the Distance Education Committee

2014 University of Puerto Rico Mayagüez, PR

Member of the Undergraduate Thesis Committee of Humberto Ramírez Martínez (MABA)

2014 University of Puerto Rico Mayagüez, PR

Member of the Roberto Sánchez Silva Undergraduate Thesis Committee (MSAE)

2014 University of Puerto Rico Mayagüez, PR

Member of the Grisell Feliciano Bonilla Undergraduate Thesis Committee (MAEE)

2013-2014 University of Puerto Rico Mayagüez, PR

Member of the Undergraduate Thesis Committee of Jadira M. Traverso (MAEE)

2013 University of Puerto Rico Mayagüez, PR

Member of the MSCHE Accreditation Committee, standard 13

2013 University of Puerto Rico Mayagüez, PR

Member of the Enrollment Committee

2011-2012 Metropolitan University Aguadilla, PR

Professor advisor of the Fine Arts Association

2008-2018 University of Puerto Rico Mayagüez, PR

Professor advisor of the Association of Future Teachers

2008-2010 University of Puerto Rico Mayagüez, PR

Educational Technology Advisor to NCATE Accreditation Committee

2010-present University of Puerto Rico Mayagüez, PR

CRUISE Educational Technology Advisor

**Certifications from
the Department of
Education of Puerto
Rico**

Regular certificate of general vocal music teacher
Elementary School Principal Certification
Certification of director of a specialized school in fine arts
Fine Arts Teaching Facilitator Certification
Fine Arts Curriculum Specialist Certificate
Cooperating teacher certificate

**Continuing
education courses
created and offered**

Video editing with ShutCut. CREAD. UPR, RUM.
Video editing with iMovie. CREAD. UPR, RUM.
Creating Web Pages for Businesses with Google Sites. CREAD. UPR, RUM.
Educational Technology Trainer Certification. CREAD. UPR, RUM.

Introduction to passive income. CREAD. UPR, RUM.
 Google Classroom. CREATE UPR, RUM.
 Cooperating Teacher. CREATE UPR, RUM.
 Design thinking. CREAD. UPR, RUM.
 Be Creative. CREATE UPR, RUM.
 Virtual facilitator. DECEP. UPR, RP. Created, not yet offered.
 Virtual Educator Certification: 3 courses. (2017-2018). DECEP, UPR, RUM.
 Effective supervision 1. (2017) DECEP, UPR, RUM.
 Private Music Instructor Certification. Workshop sequence. (2014). DECEP, UPR, RUM.
 Blogs as a technique to improve student achievement. (2012). Online module. DECEP, UPR, RUM.
 How to respond to the diversity of intelligences and learning styles in the classroom. Online module. (2013). DECEP, UPR, RUM.
 Creation of tests and exams to measure students' academic performance. Online module. (2012). DECEP, UPR, RUM.
 Creation of observation instruments for the evaluation and assessment of student achievement: Anecdotal record, checklists and rubrics. Online module. (2012). DECEP, UPR, RUM.
 Integration of fine arts as a strategy to improve achievement in core subjects. (2012). Online module. DECEP, UPR, RUM.
 Assessment techniques and strategies to improve academic performance. Online module. DECEP, UPR, RUM.

**Continuing
Education and
Training
Taken**

2024. BUILDING GENERATIVE AI APPLICATIONS USING AMAZON BEDROCK. AWS Training and Certification.
 2024. AMAZON BEDROCK GETTING STARTED. AWS Training and Certification.
 2024. PLANNING A GENERATIVE AI PROJECT. AWS Training and Certification.
 2024. PLANNING A GENERATIVE AI PROJECT. AWS Training and Certification.
 2024. FOUNDATIONS OF PROMPT ENGINEERING. AWS Training and Certification.
 2024. INTRODUCTION TO GENERATIVE AI - ART OF THE POSSIBLE. AWS Training and Certification.
 2020. NeuroEducation in the Classroom: From Theory to Practice. Training provided through IntegraTek, designed by Jesús C. Guillén, professor at the University of Barcelona and author of the book NeuroEducation in the Classroom: From Theory to Practice. Equivalent to 60 hours.
 2018. Certification: e-Learning Ecologies: Innovative Approaches to Teaching and Learning for the Digital Age. University of Illinois at Urbana-Champaign. 4 weeks, 12 hours per week.
 2017. Specialization in Creativity, Design and Innovation: Techniques and Tools, 4 courses, Arizona State University, National Autonomous University of Mexico.
 December 14, 2014. *Performance Assessment in the Virtual Classroom* . Passed with Distinction. University of California, Irvine. Verified Certificate. Resource, Racquel Hernandez. 5 weeks. Passed with Distinction.
 November 13, 2014. *Advanced Instructional Strategies in the Virtual Classroom* . University of California, Irvine. Verified Certificate. Resource, Chris Long. 5 weeks. Passed with Distinction.

October 6, 2014. *Emerging Trends & Technologies in the Virtual K-12 Classroom* . University of California, Irvine. Verified Certificate. Resource, Melissa Joell Loble. 5 weeks. Passed with Distinction.

26 August 2014. *Assessment and Teaching of 21st Century Skills* . The University of Melbourne. Verified Certificate. Resources, Esther Care & Patrick Griffin. 5 weeks. Passed with Distinction.

August 7, 2014. *Foundations of Virtual Instruction* . University of California, Irvine. Verified Certificate. Resource, Cindy Carbajal. 5 weeks. Passed with Distinction.

March 10, 2014. *Introduction to professional photography* . DECEP, UPR, RUM. 24 hour contact.

February 25, 2014. *Open and free textbooks: pedagogical, economic and social implications*. Resource Dr. Mario Núñez. 1.5 hours CEP.

February 21, 2014. Keynote Conference: *New and Improved! The Virtuous Cycle of Teaching Teachers* . CRUISE, UPR, RUM and RP.

January 23, 2014. *EBooks: Electronic books in the library*. UPR RUM. Resource, Prof. Grisell Rodriguez. 1.5 hours CEP.

May 7, 2013. *How to Set Up Webinars* . UPR RUM. Resource, Pablo Rebollo. 1.5 hours CEP.

November 2, 2013. *Standards in Practice Workshop* . UPR RUM. Resource, Prof. Carmen de León. 3 hours CEP.

2012 (June) - *Jazz Ensemble I*. Master's Degree in Music Education from the Interamerican University of Puerto Rico, San Germán Campus. Resource, Dr. Jacques Landry.

2012 (June) - *Jazz Guitar II* . Master's Degree in Music Education from the Interamerican University of Puerto Rico, San Germán Campus. Resource, Dr. Jacques Landry.

2012 (February to May) - *Jazz Guitar I*. Master's Degree in Music Education from the Interamerican University of Puerto Rico, San Germán Campus. Resource, Dr. Jacques Landry.

2011 - *The brain and learning: myths and realities* . University of Turabo and the Association of School Psychologists of Puerto Rico. 7 contact hours. Resource: Dr. Tracey Tokuhama-Espinoza.

2009 - *Using Clickers in the Classroom* . UMET, Aguadilla.

2008 - *Use and Implementation of Elluminate Platform: Online Teaching Methods* . UPR, Mayagüez.

2007 - *Creation and management of online questionnaires with ININWEB Questionnaire System* . UPR, Mayagüez.

2006 - *Management of the platform for online courses : WebCT* . UPR, Mayagüez.

Community service

- 2020 - Multi-Strategic Model for Effective Online Teaching. Seminar. HETS.
- 2020 - Multi-Strategic Model for Effective Online Teaching. Seminar. UPRAg.
- 2020 - Multi-Strategic Model for Effective Online Teaching. Seminar. UPRA.
- 2020 - Multi-Strategic Model for Effective Online Teaching. Seminar. Catholic University, Ponce.
- 2015 - Judge for talent competition. Rev. Father Pablo Gutierrez School. Location: Metropolitan University, Aguadilla, PR.
- 2014 - Workshop on creating electronic portfolios for university admission. 10th grade students. WALKS School. Mayagüez.
- 2014 - Volunteer at Animal Shelter (dogs and cats) in San Francisco de Asís. Cabo Rojo, PR. AFM.

- 2011 - Validation of the research instrument for the doctoral dissertation entitled: *The activities of student organizations of a private higher education institution in Puerto Rico and their relationship with the integral development of the students who belong to them* . Graduate School of Education, Interamerican University of Puerto Rico, Metropolitan Campus. Author; Mercado, M. Approved in May 2012.
- 2011 (November) - Preparation of float for the Aguada Discovery Parade.
- 2010 (August to December) - *Free guitar classes for parents of the Rev. Father Pablo Gutierrez Flores High School* . Project to involve the school community. Aguada School District.