

Luis O. Jiménez-Rodríguez, S.J.
S.Th.D., Ph.D., M.S., S.T.L, M.A., P.E.

Email: luis_jimenez@pucpr.edu

luisjimenezr@javeriana.edu.co

lojimenez@gmail.com

Orcid.org: 0000-0003-3737-3567

Associate Researcher Colciencias, Colombia

EDUCATION

S.Th.D.	Fundamental Theology	2012	Université Catholique de Louvain, Louvain-la-Neuve, Belgique.
S.T.L.	Fundamental Theology	2009	Centre Sèvres, Paris, France.
M.A.	Systematic Theology	2003	University of Notre Dame, South Bend, Indiana, USA.
Ph.D.	Electrical Engineering	1996	Purdue University, Indiana, USA
M.S.	Electrical Engineering	1991	University of Maryland at College Park, USA
B.S.	Electrical Engineering	1989	Universidad de Puerto Rico, Recinto Universitario de Mayagüez

DOCTORAL THESIS IN FUNDAMENTAL THEOLOGY:

The Articulation between Natural Sciences and Systematic Theology: A Philosophical Mediation Based on the Contributions of Jean Ladrière and Xavier Zubiri, July 2012.

TEACHING EXPERIENCE:

Professor, January 2021 – Present. **School of Theology**, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico. **Courses Taught:** God revealed in Christ: One and Triune.

Associate Professor, January– June 2023. **Facultad de Teología, Pontificia Universidad Católica Javeriana**, Bogotá, Colombia. **Courses Taught:** (a) Ecclesiology (Theology Department), (b) Fundamental Theology (Theology Department), (c) Engineering, Theology and Ethics (Centro Formación Teológica).

Associate Professor, January– June 2022. **Facultad de Teología, Pontificia Universidad Católica Javeriana**, Bogotá, Colombia. **Courses Taught:** (a) Ecclesiology (Theology Department), (b) Fundamental Theology (Theology Department), (c) Engineering, Theology and Ethics (Centro Formación Teológica).

Associate Professor, January– June 2020. **Facultad de Teología, Pontificia Universidad Católica Javeriana**, Bogotá, Colombia. **Courses Taught:** (a) Patrology (Theology Department), (b) Patrology (Virtual version in Betemovil Program, Theology Department), (c) Engineering, Theology and Ethics (Centro Formación Teológica).

Professor, August 2020 – December 2020. **Department of Philosophy and Theology**, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico.

Adjoint Professor, August 2019 – Present. Department of Electrical and Computer Engineering, University of Puerto Rico, Mayagüez Campus.

Associate Professor, January– June 2018. **Facultad de Teología, Pontificia Universidad Católica Javeriana**, Bogotá, Colombia. **Courses Taught:** (a) Introduction to Research in Theology (Master Degree Course in Graduate School), (b) Fundamental Theology (Theology Department) (c) Engineering and Ethics (Centro Formación Teológica).

Wade Chair, August 2017 – December 2017. **Electrical and Computer Engineering Department, Marquette University**, Milwaukee, U.S.A.

Courses Taught: (a) Freshman Seminar: Introduction to Electrical and Computer Engineering, in Electrical and Computer Engineering Department. (b) Ethics and Values Colloquium in Engineering in Faculty of Engineering.

Research theme: Theology and Natural Sciences

Professor, 1996-2003, 2005-2006, 2012-2017: **Electrical Engineering Department, University of Puerto Rico** at Mayagüez (UPRM).

Spring Semester 2016, Fall 2016 and Spring 2017: **Philosophy Section of the Humanity Department**, University of Puerto Rico at Mayagüez (UPRM). Course being Taught: Ethics in Engineering.

Visiting Professor, August 8-12th, 2016. **Facultad de Teología, Pontificia Universidad Católica Javeriana**, Bogotá, Colombia. Doctoral Seminar entitled: “Theological Anthropology and the Anthropology of Neurosciences: Is there something specific about the human species?”.

Visiting Professor, June 10th, 2015 – August 21th, 2015. **Facultad de Teología, Pontificia Universidad Católica Javeriana**, Bogotá, Colombia. Doctoral Seminar entitled: “The Relation between Natural Sciences and Systematic Theology”.

Visiting Professor, 6-10th October 2014. **Facultad de Teología, Pontificia Universidad Católica Javeriana**, Bogotá, Colombia. Doctoral Seminar entitled: “Theological Anthropology and the Anthropology of Neurosciences”.

Visiting Professor, Junio 2004 - Diciembre 2004. Departamento de Filosofía y de Teología, **Pontificia Universidad Católica Madre y Maestra**, Santiago de los Caballeros, República Dominicana. Course Taught: Catholic Social Teaching.

Visiting Professor, Centro Intercongregacional de Formación Religiosa, Santiago de los Caballeros, República Dominicana, Agosto 2003 - Mayo 2004. Course Taught: Christology and Catholic Social Teaching.

PUBLICACIONES:

THEOLOGY:

Books:

L.O. Jimenez-Rodriguez, *The Articulation between Natural Sciences and Systematic Theology: A Philosophical Mediation Based on the Contributions of Jean Ladrière and Xavier Zubiri*, Peeters Publishers, Leuven, Belgium, **Peeters Publishers, Leuven, Belgium, March 2015**.

L.O. Jimenez-Rodriguez, *Introducción a la teología para jóvenes universitarios y adultos inquietos*, (In preparation).

Book Chapter or Section:

L.O. Jiménez-Rodriguez, “*La teología de la acción desde un horizonte unitario y antropológico*”, in **85 años en diálogo con los signos de los tiempos**, Edith González Bernal, Alberto Munera (eds.), Editorial Pontificia Universidad Javeriana, Agosto 2022.

L.O. Jiménez-Rodriguez, “*Human Uniqueness or Anthropocentrism? Semantic, Anthropological and Theological Clarifications in Dialogue with Damasio’s Neuroscience*,” in **Issues in Science and Theology: Are We Special? Human Uniqueness in Science and Theology**, Michael Fuller, Dirk Evers, Anne Runehov, Knut-Willy Saether (eds.), **European Society for the Study of Science and Theology**, Springer, 2017, 191-208.

L.O. Jimenez-Rodriguez, “*El Papa Francisco: profeta de una conversión del estilo eclesial y social al modo de Jesús*”, in **Memorias del Congreso Interpelaciones del Papa Francisco a la Teología Hoy, Congreso Internacional de Teología, Pontificia Universidad Javeriana**, H. Rodriguez-Osorio (ed.), PPC-Colombia / CELAM / CRC / Corporación

Universitaria Minuto de Dios / Pontificia Universidad Javeriana, Bogotá, Colombia, 2017, pp. 224-231.

- L.O. Jimenez-Rodriguez, “*Epistemological and semantic foundations for a dialogue between natural sciences and religious beliefs: the contributions of Jean Ladrière and Xavier Zubiri*”, in **Ciencia, Humanismo y Creencia en una Sociedad Plural**, Proceedings Published in 2012 by the Editorial de la Universidad de Oviedo, Spain, pp. 131-140.

Journal Publications:

- L.O. Jimenez-Rodriguez, SJ, C. Vila-Porras, “*Fundamentos trinitarios de una iglesia sinodal*”, (In preparation).
- L.O. Jimenez-Rodriguez, SJ, J.V. Vergara-Hoyos, O. Ramírez, J.L. Cervantes, O.F. Pabon, “*La violencia en el ser humano: perspectivas neurocientíficas, filosóficas y teológicas*”, (To be submitted).
- J.V. Vergara-Hoyos, L.O. Jimenez-Rodriguez, SJ, W.A. Mejía-Naranjo, J.J. Sutachan-Rubio, N. Torifio-Sánchez, “*Neurosciences, Pharmaceuticals and Freedom: Anthropological and Theological Dialogue Regarding Human Dignity*”. **Theologica Xaveriana, Revista Theologica Xaveriana**, Vol. 71, May 2021.
- L.O. Jimenez-Rodriguez, SJ, “*Misticismo en Teilhard de Chardin. ¿Panteísmo o pan-en-teísmo cristico?*” **Revista Razón y fe**, t. 281, no. 1443, pp. 91-100, January 2020, ISSN 0034-0235
- L.O. Jimenez-Rodriguez, SJ, “*El concepto teológico de “estilo” como clave de lectura de la Laudato Si’ y la Gaudete et exsultate: una manera de encontrar a Dios en la acción transformadora del mundo*”, **Revista Theologica Xaveriana**, Vol. 70, January 2020.
- L.O. Jimenez-Rodriguez, SJ, “*Los aportes de la teología de la creación y de la acción humana a la orientación de las ciencias aplicadas y las tecnologías: una mediación ética y axiológica*”, **Pensamiento. Revista de Investigación e Información Filosófica**, [S.l.], v. 75, n. 283 S.Esp, p. 387-406, Abril 2019. ISSN impreso: 0031-4749 / ISSN digital: 2386-5822. Doi:10.14422/pen.v75.i283.y2019.021.
<https://revistas.comillas.edu/index.php/pensamiento/article/view/11333>
- L.O. Jimenez-Rodriguez, “*It Is Reasonable To Uphold A Non-Reductive Christian Monism? Theology Confronted with The Mind-Brain And Body-Soul Problem*”, **Pensamiento. Revista de Investigación e Información Filosófica**, [S.l.], v. 71, n. 269, p. 1323-1345, February. 2016. DOI: 10.14422/pen.v71.i269.y2016.016.
- L.O. Jimenez-Rodriguez, “*El Punto de partida de la teología, ¿una experiencia de Dios o el lenguaje de la fe? Una respuesta desde la fenomenología y la filosofía del lenguaje*”, **Revista Theologica Xaveriana**, No 176, 2014, pp. 127-156. ISSN: 2011-219X (En línea) | ISSN: 0120-3649 (Impreso).
<https://revistas.javeriana.edu.co/index.php/teoxaveriana/article/view/10963>

Conference Articles:

- L.O. Jiménez-Rodriguez, “*La deliberación ética como lugar de posible articulación entre la tecno-ciencia y una antropología filosófico-teológica de la acción humana*”, **IX Congreso Latinoamericano de Ciencia y Religión**, International Society of Science and Religion (ISSR), Held at Universidad Popular Autónoma del Estado de Puebla (UPAEP), 8-10 February. Presented in February 9th, 2017.

PHILOSOPHY:

Book Chapter:

- L.O. Jimenez-Rodríguez, “*Religious Rationality vis-à-vis Scientific Rationality: Are Scientific Statements Objectives and Religious Beliefs Irrational and Subjective?*”, in **¿Ciencia o religión? Exploraciones sobre las relaciones entre fe y racionalidad en el mundo contemporáneo**, Raúl Melendez, Luis Fernando Múnera, S.J., Carlos Miguel Gomez, (eds.), Editorial Universidad del Rosario / Pontificia Universidad Javeriana, Bogotá, 2017, pp. 97-117.

Journal Publications:

- L.O. Jiménez-Rodríguez, “*La tecnología contemporánea: su estructura, el esfuerzo de la optimización y nuestra responsabilidad*”, en Collective Paper: **Reflections about the book *Tras otro progreso, Filosofía de la Tecnología desde la periferia de Hector Huyke***, Juan José Sánchez, Luis O. Jiménez Rodríguez, Sara Garvell Ortiz, Antonio R. Ramos Vega, **Díálogos, Revista del Departamento de Filosofía de la Universidad de Puerto Rico**, No. 96, December 2014, pp. 162-168. ISSN 0012-2122. Disponible en: <<https://revistas.upr.edu/index.php/dialogos/article/view/760/703>>.
- L.O. Jiménez-Rodríguez, *Zubiri’s notion of mentality and the multiplicity of systems of reference in reason’s quest: the contributions and challenges of an interdisciplinary research of complex realities*, in Peer Review Journal, **Revista Portuguesa de Filosofia**, Vol. 69, Issue 1, 2013, p. 41-56. <http://www.rpf.pt>/ ISSN: 0870-5283. DOT: 10.17990/RPF/1945
- L.O. Jimenez-Rodríguez, *Mathematical realism in Jean Ladrière and Xavier Zubiri: a comparative analysis over the philosophical status of mathematical objects, method and truth*”, in Peer Review Electronic Journal **Xavier Zubiri Review**, Vol. 11, 2011, p. 5-25. ISSN: 1538-5795 http://www.zubiri.org/general/xzreview/2009/rodriguez_09.pdf

ENGINEERING ETHICS:

Journal Article:

- L.O. Jiménez-Rodríguez, E. O’Neill, “*Engineer as a deliberator in a time of crisis: Ethical and Responsible Wellbeing Perspective*”, **ETHOS Gubernamental: Revista del Centro para el Desarrollo del Pensamiento Ético, Edición Especial 2019-2020**, Oficina de Ética Gubernamental de Puerto Rico. September 2020.
https://issuu.com/eticapr/docs/art._el_profdeliberadortiempcrisis_2019
- L.O. Jiménez-Rodríguez, “*La seguridad, el riesgo y la responsabilidad en los proyectos de ingeniería: una mirada desde una ética preventiva y una inspiracional*”, **Revista Anales de Ingeniería**, Vol. 942, Colombia. August 2018, p.76 - 79. ISSN: 0120-0429.
<https://sci.org.co/revista-anales-de-ingenieria-edicion-942-ingenieria-para-el-desarrollo/>
- M.J. Castro-Sitiriche, L.O. Jiménez-Rodríguez, “*Responsible Wellbeing and Energy Threshold*,” **Revista del Centro para el Desarrollo del Pensamiento Ético, ETHOS VII**, Oficina de Ética Gubernamental de Puerto Rico, June 2014, pp. 63-110.
- E. O’Neill-Carrillo, L.O. Jiménez-Rodríguez, W.J. Frey, A. Irizarry-Rivera, “*La Responsabilidad Social en la Transformación de la Infraestructura Eléctrica de Puerto Rico*,” **ETHOS Gubernamental: Revista del Centro para el Desarrollo del Pensamiento Ético, ETHOS VII**, Oficina de Ética Gubernamental de Puerto Rico, June 2014, pp. 3-62.

Conference Articles:

- L.O. Jiménez-Rodríguez, A. Santiago, E. O’Neill, “*Professional and Ethical Deliberation: Educating Engineering Students in Responsible Wellbeing*,” **IEEE Frontiers in Education 2017**, October 18- October 21, 2017. IEEE *Xplore*: 14 December 2017. **Electronic**

ISBN: 978-1-5090-5920-1.

<https://ieeexplore.ieee.org/document/8190680/keywords#keywords>

- L.O. Jimenez-Rodriguez, “*The Integration of Ethics into The Engineering Capstone Design Course*”, **EDULEARN 2017 Conference**, Barcelona, Submitted, Accepted and Published, EDULEARN 2017, Barcelona, July 3-5 2017.
- M.J. Castro-Sitiriche, G. Beauchamp, L.O. Jimenez-Rodríguez, "Solar Microgrids and Energy Poverty: Conceptual Framework for Sustainable Wellbeing and Technology Justice Assessment". **Proceedings of the 12th World Wind Energy Conference & Renewable Energy Exhibition (WWEC)**, La Habana, Cuba, June 2013.
- L.O. Jiménez, E. O'Neill-Carrillo, M. Rodríguez, “An Introductory Learning Module on Ethics and Academic Integrity for Freshman Engineering Students,” **Proceedings of the 39th ASEE/IEEE Frontiers in Education Conference**, October 18 - 21, 2009, San Antonio, TX.
- E. O'Neill-Carrillo, W. Frey, L. Jiménez, M. Rodríguez, D. Negrón, *Social, Ethical and Global Issues in Engineering*, **Proceedings of the 38th Frontiers in Education Conference (FIE 2008)**, October 2008, Saratoga Springs, NY.
- L.O. Jimenez, M. Rodriguez, E. O'Neill, *A Learning Module on Academic Integrity for Engineering Freshman Students*, **International Conference on Engineering Education**, San Juan, Puerto Rico, July 23-28, 2006.
- L.O. Jimenez, E. O'Neill, W.J. Frey, R. Rodríguez-Solis, A. Irizarry, and S. Hunt, *A Learning Module of Social and Ethical Implications for ECE Capstone Design Courses*, **IEEE Frontiers In Education Conference: International, Social and Cultural Borders**, San Diego California, October 28-31, 2006.
- J.A. Cruz-Cruz, W.J. Frey, L.O. Jiménez, E. O'Neill-Carrillo, and H.D. Sanchez, *The EAC Ethics Matrix: Beyond ABET Re-accreditation*, **IEEE Frontiers In Education Conference: International, Social and Cultural Borders**, San Diego California, October 28-31, 2006.
- L.O. Jiménez, E. O'Neill-Carrillo, E. Marrero, *Creating Ethical Awareness in Electrical and Computer Engineering Students: A Learning Module on Ethics*, **IEEE Frontiers In Education Conference: Pedagogies and Technologies, for the Emerging Global Economy**, Indianapolis, Indiana, October 2005.

ENGINEERING RESEARCH:

Book Chapters:

- S. Rosario-Torres, M. Vélez-Reyes, L.O. Jiménez-Rodríguez, and S. Hunt, “The MATLAB Hyperspectral Image Analysis Toolbox.” In R. Rajesh, editor, **Introduction to Advanced Scientific Softwares and Toolboxes**, International Association of Engineers Press, 2007.
- Miguel Vélez-Reyes, Wilson Rivera-Gallegos, and Luis O. Jiménez-Rodríguez, “An Integrated Process for Hyperspectral Image Processing and Analysis” Chapter 15 in **High-Performance Computing in Remote Sensing**, Chapman & Hall/CRC Press, *Antonio J. Plaza and Chein-I Chang, Editors*, 2007.

Journal Publications:

- L.O. Jimenez, E. Arzuaga-Cruz. M. Velez-Reyes, “Unsupervised Linear Feature-Extraction Methods and Their Effects in the Classification of High-Dimensional Data.” *IEEE Transactions on Geoscience and Remote Sensing*, Vol 45, Issue 2, Feb. 2007, pp. 469-483.
- V. Manian and L. O. Jimenez, "Land cover and benthic habitat classification using texture features from multispectral and hyperspectral images," *SPIE Journal of Electronic Imaging*, Vol. 16, No. 2, June 2007.

- L.O. Jiménez, J. Rivera-Medina, E. Rodríguez-Díaz, E. Arzuaga, M. Ramírez, “Integration of Spatial and Spectral Information by means of Unsupervised Extraction and Classification for Homogenous Objects Applied to Multispectral and Hyperspectral Data.” *IEEE Transactions on Geoscience and Remote Sensing*, Vol. 43, Issue 4, April 2005, pp. 844-851.
- Cruz-Pol, S., Velez-Reyes, M., Hunt, S., Parsiani, H., Colom-Ustaris, J., Jimenez, L.O., and Vasquez, R., The Laboratory for Applied Remote Sensing and Image Processing at University of Puerto Rico at Mayaguez, *IEEE Geoscience and Remote Sensing News Letter*, December 2001.
- L.O., Jimenez, A., Morales, A., Creus, “Classification of Hyperdimensional Data Based On Feature and Decision Fusion Approaches Using Projection Pursuit, Majority Voting, and Neural Networks,” *IEEE Transactions on Geoscience and Remote Sensing*, Vol. 37, No. 3, May 1999, pp.1360-1366.
- Jimenez, L.O., Landgrebe, D.A., Hyperspectral Data Analysis and Supervised Feature Reduction Via Projection Pursuit, *IEEE Transactions on Geoscience and Remote Sensing*, Vol 37, No. 6, November 1999, pp. 2653-2667.
- L. O. Jimenez and D.A. Landgrebe, “Supervised Classification in High Dimensional Space: Geometrical, Statistical, and Asymptotical Properties of Multivariate Data,” *IEEE Transactions on Systems, Man and Cybernetics*, Vol 28, No. 1, February 1998, pp. 39-54.

Conference:

- E. Carpena, L.O. Jimenez, E. Arzuaga, “*Linear Unmixing for Subsurface Estimation On Coastal Shallow Waters*”, **8th International Conference of Pattern Recognition Systems (ICPRS 2017)**, Madrid, Spain, July 11-13, 2017. DOI: [10.1049/cp.2017.0168](https://doi.org/10.1049/cp.2017.0168). ISBN: 978-1-78561-652-5. <https://digital-library.theiet.org/content/conferences/10.1049/cp.2017.0168>.
- F.X. Arias ; H. Sierra ; L.O. Jimenez-Rodriguez ; E. Arzuaga, “*Supervised Sparse-Representation Classification on Hyperspectral Images Using the City-Block Distance to Improve Performance*”, **8th International Conference of Pattern Recognition Systems (ICPRS 2017)**, Madrid, Spain, July 11-13, 2017. DOI: [10.1049/cp.2017.0141](https://doi.org/10.1049/cp.2017.0141). ISBN: 978-1-78561-652-5. <https://digital-library.theiet.org/content/conferences/10.1049/cp.2017.0141>
- E. Carpena, L.O. Jiménez-Rodriguez, E. Arzuaga, Sujeily Fonseca, Ernesto Reyes, Juan Figueroa, “*Subsurface Classification of Objects Under Turbid Waters by Means of Regularization Techniques Applied to Real Hyperspectral Data*”, **SPIE Defense and Commercial Sensing 2017 Conference**, Anaheim, California, April 11-13, 2017. Proceedings of SPIE Vol. 10198 (SPIE, Bellingham, WA, 2017) <https://doi.org/10.1117/12.2281298>. ISSN 0277-786X. ISSN 0277-786X. ISSN 1996-756X (electronic).

FUNDED RESEARCH AND EDUCATIONAL PROPOSAL

Co-Principal Investigator:

Francisco y Latinoamerica, February 10th, 2020 – August 16th, 2021, SIAP Project number 9150, Pontificia Universidad Javeriana, Bogotá, Colombia.

Co-Principal Investigator:

Cultivating Responsible Wellbeing in STEM: Social Engagement through Personal Ethics, August 2014-August 2019, **National Science Foundation (NSF)**, \$412,000.00.

RESEARCH GROUPS MEMBER

Interdisciplinary Seminar “Science and Faith” Research Group, Faculty of Theology, Pontificia Universidad Javeriana, January 2018 – Present.

- Interdisciplinary Research Seminar “The Human Being in the Cosmos”, Code 12160330425100, Pontificia Universidad Javeriana, January 2020 – Present.
- Catholic Social Teaching Research Group, ID_00009150, Faculty of Theology, Pontificia Universidad Javeriana, January 2018 – June 2021.
- CETRES, “Interuniversity Seminar of science and religion”, Pontificia Universidad Javeriana, Universidad del Rosario, Universidad Nacional, Bogotá, Colombia, June 2016 - June 2018.

INVITED TALKS AND PRESENTACIONES:

- L.O. Jiménez-Rodríguez, “Second Vatican Council Ecclesiology, Pastoral Conversion and Sinodality”, **Continuous Education Program, Clergy Dioceses of Ponce**, Ponce, Puerto Rico, October, 19-21, 2022.
- L.O. Jiménez-Rodríguez, “Complexity and Emergence: Bridging Neuroscience and Christian Anthropology”, Invited Speaker, **Aquinas Education Foundation, Religious Studies Program and St. Thomas Aquinas Center**, Purdue University, West Lafayette, Indiana, USA, October 26th, 2022.
- L.O. Jiménez-Rodríguez, “Second Vatican Council Ecclesiology and Pope Francis Sinodality”, **Continuous Education Program, Clergy Dioceses of Arecibo**, Arecibo, Puerto Rico, October, 19-21, 2022.
- L.O. Jiménez-Rodríguez, “Comunión con Cristo hoy: desde el seguimiento cristiano hasta la sinodalidad”, **Centro Ignaciano de Espiritualidad**, Santo Domingo, República Dominicana, July 21, 2022.
- L.O. Jiménez-Rodríguez, “Fraternidad humana en la construcción de la paz”, **IV Certificación en Responsabilidad Pública y Gobernanza, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico**, March 22th, 2022.
- L.O. Jiménez-Rodríguez, “¿Una sola visión del alma? Visiones contemporáneas de la teología cristiana en diálogo con las ciencias”, Ciclo de diálogos: *¿A qué nos referimos cuando hablamos de alma?*, **Arts and Humanities School and Science School, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico**, March 10th, 2022.
- L.O. Jiménez-Rodríguez, Hna. Carmen Margarita Fagot, “Hermanados todos”, **III Certificación en Responsabilidad Pública y Gobernanza, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico**, December 14th, 2021.
- Mauricio López, María Stella Rodríguez, L.O. Jiménez-Rodríguez, “Asamblea Eclesial de América Latina y el Caribe: ¿Cuáles son los caminos que estamos recorriendo?”, **Espacios para el espíritu, Provincia Colombiana de la Compañía de Jesús**, November 20th, 2021.
- L.O. Jiménez-Rodríguez, “Encuentros entre las neurociencias y la antropología cristiana: desafíos y aportes,” **Coloquio Ortiz-Chardin, Pontificia Universidad Javeriana**, November 3rd, 2021.
- L.O. Jiménez-Rodríguez, Manuel Dávila Sguerra, Lorena Cerón, “La ética en la ingeniería: una lectura interdisciplinar,” **Semana de la Ingeniería, Fundación Universitaria Unimonserate**, Bogotá, Colombia, October 1st, 2021.
- L.V. Badillo-Lozano, L.O. Jiménez-Rodríguez, A. Rodríguez-Rubio, “Entre lo bello y lo correcto”, **School of Architecture, School of Arts and Humanities, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico**, May 6th, 2021.
- L.O. Jiménez-Rodríguez, “It is possible a dialogue between Theory of Evolution and faith in creation?”, Ciclo de diálogos: *El encuentro entre Ciencia y Religión*, **Arts and Humanities School and Science School, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico**, April 28, 2021.

- L.O. Jiménez-Rodríguez, “Del pecado al perdón: lo revolucionario de la Encarnación”, *IX Congreso Católicos y Vida Pública: Conflicto, reconciliación y hermandad*, **Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico**, April 22, 2021.
- L.O. Jiménez-Rodríguez, “Mind, Matter or Spirit? Debates about Anthropological Unity in Teilhard de Chardin, Karl Rahner and Xavier Zubiri”, Simposio Filosófico Virtual en torno a la relación mente-Dios, **Humanities Department, University of Puerto Rico at Bayamon, Puerto Rico**, April 8th, 2021.
- L.O. Jiménez-Rodríguez, “Estilos del Pueblo de Dios y principios para construir los pueblos: Una reflexión desde la *Evangelii gaudium*”, Serie de diálogos “El gozo de la fraternidad: para leer al Papa Francisco”, **Pontificia Universidad Católica de Puerto Rico**, February 18th, 2021.
- L.O. Jiménez-Rodríguez, J. Ferrer, “De la tribulación a la esperanza: contexto y fundamento del mensaje de la Conferencia Episcopal ante los comicios electorales del 2020”, Ciclo de Conferencias “Elecciones... Hacia una gobernanza efectiva”, **Pontificia Universidad Católica de Puerto Rico**, October 27th, 2020.
- L.O. Jiménez-Rodríguez, “Common Good: Historical, Philosophical and Theological Foundations”, Interdisciplinary Seminar on Government and Public Policies, **Pontificia Universidad Católica de Puerto Rico**, September 17th, 2020.
- L.O. Jiménez-Rodríguez, “*Artificial Intelligence: Realities, Possibilities and Challenges*”, Final Activity of **Louis Stokes Alliance for Minority Participation, Pontificia Universidad Católica de Puerto Rico**, December 20th, 2019.
- L.O. Jiménez-Rodríguez, “*Estilos y principios para construir un pueblo: vision del Papa Francisco para una Iglesia en salida*”, **Pontificia Universidad Católica de Puerto Rico**, Ponce, Puerto Rico, December 3rd, 2019.
- L.O. Jiménez-Rodríguez, “*Estilos y principios para construir un pueblo: vision del Papa Francisco para una Iglesia en salida*”, **Tercer Simposio de Teología y Pastoral: Responsabilidad política para el bien común, Universidad Sagrado Corazón**, Puerto Rico, November 7th, 2019.
- L.O. Jiménez-Rodríguez, “*Aspectos éticos en los proyectos de ingeniería: seguridad, riesgos y responsabilidad*”, presentación en el coloquio y panel “**Ingeniería nacional en las grandes obras**”, Facultad de Ingeniería de la Pontificia Universidad Javeriana, Bogotá, Colombia, June 26, 2018.
- L.O. Jiménez-Rodríguez, “*Responder desde la ingeniería al llamado de la Laudato Si*”, presentación a profesores y directivos de la Facultad de Ingeniería, **Facultad de Ingeniería de la Pontificia Universidad Javeriana**, Bogotá, Colombia, June 21, 2018.
- L.O. Jiménez-Rodríguez, “*Experiencias de diálogo entre ciencia y religión*”, presentación a profesores de la Facultad de Ciencias, Facultad de Ciencias de **la Pontificia Universidad Javeriana**, Bogotá, Colombia, June 18, 2018.
- L.O. Jiménez-Rodríguez, “*Engineering Profession as an Embodiment of Values: Encounters between Technology and Ethics*”, “**Connecting with the World Series**”, **Engineering Faculty, Marquette University**, Milwaukee, November 30, 2017.
- L.O. Jiménez-Rodríguez, “*Are Human Beings Unique? What is Specific of the Human Species? Encounters between Neurosciences and Christian Anthropology*”, **Wade Chair Lecture, Marquette University**, Milwaukee, November 15, 2017.
- L.O. Jiménez-Rodríguez, “*Theory of Evolution and the Doctrine of Creation*”, **Faculty Workshop, Pontifical Catholic University of Puerto Rico**, Ponce Campus, August 1, 2017.
- L.O. Jiménez-Rodríguez, “*Ética aplicada en la educación*”, **Colegio de Ingenieros y Agrimensores de Puerto Rico**, Casa Capitular de Caguas, June 17, 2017.

- L.O. Jiménez-Rodríguez, “*Martín Lutero y sus 95 tesis: Lecciones y retos para el humanismo del siglo XXI*”, Organized by the **Humanities Department, University of Puerto Rico at Mayagüez**, March 14th, 2017.
- L.O. Jimenez-Rodriguez, “*Humanities and Education in a Scientificist, Technocratic and Instrumentalist Society: The Contributions of a Catholic University*”, **Pontifical Catholic University of Puerto Rico**, Ponce Campus, January 13th, 2017.
- L.O. Jimenez-Rodriguez, “*La Revelación en las Sagradas Escrituras*”, **Pontifical Catholic University of Puerto Rico**, Mayagüez Campus, November 15th, 2016.
- L.O. Jimenez-Rodriguez, “*El Papa Francisco: profeta de una conversión del estilo eclesial y social al modo de Jesús*”, **Congreso Interpelaciones del Papa Francisco a la Teología Hoy, Congreso Internacional de Teología, Pontificia Universidad Javeriana**, Bogotá, Colombia, 18-21 de septiembre 2016.
- L.O. Jimenez-Rodriguez, “*Science and Theology in Dialogue: Creation and Evolution*”, **Pontifical Catholic University of Puerto Rico**, Mayagüez Campus, March 15th, 2016.
- L.O. Jimenez-Rodriguez, “*The Method of moral deliberation applied in Engineering Design*”, **Electrical and Computer Engineering Capstone Design Course**, University of Puerto Rico at Mayagüez, February, 2016.
- L.O. Jimenez-Rodriguez, E. O’Neill, M. Castro, “*Ethics in the Laboratory of Electric Measurement: Academic Integrity, Professional Relations and Moral Principles*”, **Electric Measurement Laboratory**, University of Puerto Rico at Mayagüez, January, 2016.
- L.O. Jimenez-Rodriguez, “*Mind-Brain and Soul-Body Problem: Theological Perspective in Dialogue with Neurociences and Philosophy*”, **Fifth Multidisciplinary Symposium of Social Consciousness: A Neuroscientific Consideration of the Mind-Brain Relation**, Universidad Central de Bayamon, Puerto Rico, October 29th, 2015, **Invited Speaker**.
- L.O. Jimenez-Rodriguez, “*The Method of deliberation applied in Research Ethics*”, **Graduate School’s Workshop of Research Ethics**, University of Puerto Rico at Mayagüez, October, 26th, 2015.
- L.O. Jimenez-Rodríguez, *Religious Rationality vis-à-vis Scientific Rationality: Are Scientific Statements Objectives and Religious Beliefs Irrational and Subjective?*, in **IV Coloquio Interuniversitario de Ciencia y Religión**, Bogotá, Colombia, September 16-18, 2015. **Invited Speaker**.
- L.O. Jimenez-Rodriguez, “*The problem soul-body problem in Neurosciences: challenges and contributions from the perspective of theology*”, **Facultad de Teología, Pontificia Universidad Católica Javeriana**, Bogotá, Colombia, August 19th, 2015.
- L.O. Jimenez-Rodriguez, “Research Ethics”, CISE Lectures, Doctoral Program in Computing and Information Sciences and Engineering (CISE), April 9th, 2015.
- L.O. Jimenez-Rodriguez, “*Esbozo de una ética para el trabajo con las comunidades*”, **Seminario de proyectos de investigación-acción participativa (IAP)**, University of Puerto Rico at Mayagüez, Instituto Universitario para el Desarrollo de las Comunidades, January 31st, 2015.
- L.O. Jiménez-Rodríguez, “*La transgresión semántica en el dialogo entre las ciencias naturales y el discurso teológico: del desencuentro a la posible y necesaria articulación por mediación de la filosofía*”, **Facultad de Teología, Pontificia Universidad Católica Javeriana**, Bogotá, Colombia, October 6th, 2014.
- L.O. Jiménez-Rodríguez, “*Ethics for Engineers: Definitions, Principles and Applications*”, Electrical Engineering Faculty, **Electrical and Computer Engineering Department** at UPRM, May 2014.

- L.O. Jiménez-Rodríguez, “*La tecnología contemporánea: su estructura, el esfuerzo de la optimización y nuestra responsabilidad*”, Presented at UPRM’s **Reflections about the book *Tras otro progreso, Filosofía de la Tecnología desde la periferia de Hector Huyke***, April, 2014.
- L.O. Jiménez-Rodríguez, “*La transgresión semántica en el diálogo entre las ciencias naturales y el discurso teológico: del desencuentro a la posible y necesaria articulación por mediación de la filosofía*”, Lección Magistral, **Centro de Estudios de los Dominicanos del Caribe**, Bayamón, Puerto Rico, February 7th, 2013.
- L.O. Jiménez-Rodríguez, “*Ethics for Engineering Capstone Professors*”, University of Puerto Rico, Mayagüez Campus, Mayagüez, Puerto Rico, November, 2013.
- L.O. Jiménez-Rodríguez, “*Engineering Professional Practice and Professional Codes of Ethics*”, Presented to Tau Beta Pi Student Association, University of Puerto Rico, Mayagüez Campus, Mayagüez, Puerto Rico, Fall Semester, 2013.
- L.O. Jiménez-Rodríguez, W. Frey, F. Maldonado, D. Valdés, E. O’Neill, *Estrategia efectiva para la conducta ética*, **Colegio de Ingenieros y Agrimensores, Capítulo de Mayagüez**, Puerto Rico, Mayo 2012.
- L.O. Jimenez-Rodríguez, *L’autonomie de la création selon Ladrière et Gesché : une nouvelle compréhension en dialogue avec les sciences de la nature*, in *Colloque : L’action créatrice*, Paris, 3-4 mai, 2011, **Centres Sèvres, Facultés de Théologie de Paris**.
- L.O. Jimenez, “*Hyperspectral Unsupervised Feature Extraction*”, **First European School on Hyperspectral Imaging**, Caceres, España, October 2007.
- L.O. Jimenez, “*L’agir de l’homme et son impact sur l’environnement : aspects technologiques et philosophiques*”, **Journée Interdisciplinaire**, Centre Sèvres, Paris, December 2007.
- L.O. Jimenez, and E. O’Neill, “*Research Ethics and Graduate School*”, **Center for Professional Enhancement** at University of Puerto Rico, Mayagüez, August 2006.
- E. Arzuaga-Cruz, L.O. Jimenez-Rodríguez, D. Kaeli, M. Velez-Reyes, E. Rodriguez-Diaz, L.E. Santos-Campis, and C. Santiago, “*A MATLAB Toolbox for Hyperspectral Image Analysis*.” Presented at the **IEEE Workshop on Advances in Techniques for Analysis of Remotely Sensed Data**, NASA Goddard Visitor Center, Washington DC, USA October 27/28, 2003.
- L.O. Jimenez, “*Ethics in Electrical Engineering and Technology*,” December 2002, **ECE Department** at UPRM.

Ph.D. THESIS SUPERVISED

Doctoral Thesis in Theology

- Vicente Valenzuela Osorio, *La carne vulnerable como fuente primera y constitutiva de la teología: El testimonio teológico de la carne, articulado con una visión neurocientífica y evolutiva*, Ph.D. Thesis in Theology, Faculty of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, September, 2017.

Ph.D. THESIS, SECOND READER (JURY MEMBER)

Doctoral Thesis in Theology

- Darío E. Martínez Morales, *La Teología como gramática de liberación. (Un acercamiento entre H. Frei y G. Gutiérrez)*, Ph.D. Thesis in Theology, Faculty of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, November, 2015.

José Orlando Reyes Fonseca, *La racionalidad sapiencial en el estatuto del conocimiento teológico*, Ph.D. Thesis in Theology, Faculty of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, November, 2014.

MASTER THESIS SUPERVISED

Master Thesis in Electrical and Computer Engineering

Emmanuel Carpena, *Hyperspectral Coastal Image Analysis Toolbox (HyCIAT) Enhancement: Subsurface linear unmixing and object detection by means of regularization*, Master of Engineering in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2016.

Jose Rene Dominguez, *On the Use of Regularization for Parameter Estimation and Detection*, Master of Science in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2005.

Elias Beauchamp, *Photon Transport and the Radiative Transport Theory in Monte Carlo Simulation*, Master of Science in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2003.

Emmanuel Arzuaga, *Projection Pursuit for Feature Extraction in Hyperspectral Data*, Master of Science in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2003.

Eladio Rodriguez, *Subsurface Sensing using Hyperspectral Data*, Master of Science in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2003.

Mabel Ramírez, *Tikhonov Regularization to Enhance Parameter Estimation and Classification Accuracy*, Master of Science in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2003.

Jorge Rivera-Medina, *Integration of Spectral and Spatial Information*, Master of Science in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2003.

Hector Velasquez, *Clustering Algorithms for Hyperspectral Data Analysis*, Master of Science in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2003.

Felix Fontan, *Unsupervised Algorithms for Hyperspectral Data Analysis*, Master of Science in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2003.

Iñaki Olivares-Arocho, *Fingerprint Verification System Software*, Master of Science in Electrical Engineering, University of Puerto Rico, Mayagüez Campus, June 2000.

Jorge Luis Cervantes, *Los relatos de vida como lugar teológico: una aproximación desde la interpretación de la revelación en hechos y palabras*, Master in Theology (ecclesiastic diploma), Pontificia Universidad Javeriana, Bogotá, Colombia, Defended in December 2022.

MASTER THESIS SECOND READER

George A. Torres Santos, *La supremacía del sacerdocio de Cristo en la Carta a los Hebreos*, Master of Divinity, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico, December 2019.

BACHELOR DEGREE THESIS SUPERVISED

Nefer Pérez, *La revalorización del cuerpo y la relacionalidad como caminos de y hacia Dios; una buena noticia ante la fragilidad y vulnerabilidad presentados por la pandemia del covid-19*, Bachelor Degree in Theology (ecclesiastic diploma), Pontificia Universidad Javeriana, Bogotá, Colombia, May 11, 2022.

COURSES TAUGHT

Courses in Theology:

- Fundamental Theology*, in the Department of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, January - June, 2023.
- Ecclesiology*, in the Department of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, January - June, 2023.
- Theology, Ethics and Engineering*, in the Centro de Formación Teológica, Pontificia Universidad Javeriana, Bogotá, Colombia, April - June, 2023.
- Fundamental Theology*, in the School of Theology, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico, August-December, 2022.
- Doctrine of God revealed in Christ: One and Triune*, in the School of Theology, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico, August - December, 2022.
- Fundamental Theology*, in the Department of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, January - June, 2021.
- Fundamental Theology*, in the Department of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, January - June, 2022.
- Ecclesiology*, in the Department of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, January - June, 2022.
- Theology, Ethics and Engineering*, in the Centro de Formación Teológica, Pontificia Universidad Javeriana, Bogotá, Colombia, April - June, 2022.
- Synthesis Seminar*, in the School of Theology, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico, August-December, 2021.
- Theological Anthropology*, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico, August-December, 2021.
- Doctrine of God revealed in Christ: One and Triune*, in the School of Theology, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico, January - June, 2021.
- Fundamental Theology*, in the Department of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, January - June, 2021.
- Ecclesiology*, in the Department of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, January - June, 2021.
- Theology of Body and Soul*, in the Department of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, August-December, 2020.
- Fundamental Theology*, in the School of Theology, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico, August-December, 2020.
- Ecclesiology*, in the School of Theology, Pontificia Universidad Católica de Puerto Rico, Ponce, Puerto Rico, August-December, 2020.
- Patrology*, in Department of Theology, Faculty of Theology, Pontificia Universidad Javeriana, January – June 2020.
- Patrology* (Virtual version in Betemovil Program), Theology Department, Pontificia Universidad Javeriana, January – June 2020.
- Engineering, Theology and Ethics*, Centro Formación Teológica, Pontificia Universidad Javeriana, January – June 2020.
- Dignity of Human Person*, in Philosophy and Theology Department, Pontificia Universidad Católica de Puerto Rico, August-December, 2019.
- Fundamental Theology*, in Faculty of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, January-May, 2018.

Introduction to Research in Theology, Graduate course in Faculty of Theology, Pontificia Universidad Javeriana, Bogotá, Colombia, January-May, 2018.

Doctoral Seminar Entitled: "Theological Anthropology and the Anthropology of Neurosciences: Is there something specific about the human species?", Facultad de Teología, Pontificia Universidad Católica Javeriana, August 8-12th, 2016.

Doctoral Seminar Entitled: "The Relation between Natural Sciences and Systematic Theology", Facultad de Teología, Pontificia Universidad Católica Javeriana, June 10th, 2015 – August 21th, 2015.

Doctoral Seminar Entitled: "Theological Anthropology and the Anthropology of Neurosciences", Facultad de Teología, Pontificia Universidad Católica Javeriana, 6-10th October 2014.

Catholic Social Teaching, in Department of Philosophy and Theology, Pontificia Universidad Madre y Maestra, República Dominicana, June-July 2004.

Courses in Engineering:

INEL 3105, *Electrical System Analysis I*, ECE Department, University of Puerto Rico, Mayagüez Campus

INEL 3115, *Introduction to Electrical and Computer Engineering*, ECE Department, University of Puerto Rico, Mayagüez Campus

ININ 4010, *Probability and Statistics for Engineers*, ECE Department, University of Puerto Rico, Mayagüez Campus

INEL 4075, *Fundamentals of Electrical Engineering*, ECE Department, University of Puerto Rico, Mayagüez Campus

INEL 4102, *Electrical System Analysis II*, ECE Department, University of Puerto Rico, Mayagüez Campus

INEL 4301, *Telecommunication Theory I*, ECE Department, University of Puerto Rico, Mayagüez Campus

ICOM 5015, *Introduction to Artificial Intelligence*, ECE Department, University of Puerto Rico, Mayagüez Campus

INEL 5046, *Pattern Recognition and Image Analysis*, ECE Department, University of Puerto Rico, Mayagüez Campus

INEL 5309, *Digital Signal Processing*, ECE Department, University of Puerto Rico, Mayagüez Campus

INEL 6007, *Introduction to Remote Sensing*, ECE Department, University of Puerto Rico, Mayagüez Campus

INEL 6078, *Estimation, Detection and Stochastic Processes*, ECE Department, University of Puerto Rico, Mayagüez Campus

INEL 6087, *Artificial Intelligence: Techniques and Applications*, ECE Department, University of Puerto Rico, Mayagüez Campus.

INEL 6088, *Computer Vision*, ECE Department, University of Puerto Rico, Mayagüez Campus

EECE 1953, *Freshman Seminar: Introduction to Electrical and Computer Engineering*, in Electrical and Computer Engineering Department at Marquette University, Milwaukee, U.S., September – December 2017.

ENEV 1952, 2952, 3952: *Ethics and Values Colloquium in Engineering* in Faculty of Engineering at Marquette University, Milwaukee, U.S., September – December 2017.

Courses in Philosophy:

Philosophical Anthropology, in Philosophy and Theology Department, Pontificia Universidad Católica de Puerto Rico, August-December, 2020.

Philosophical Anthropology, in Philosophy and Theology Department, Pontificia Universidad Católica de Puerto Rico, August-December, 2019.

FILO 4045, Ethics in Engineering, Philosophy Section, Humanities Department, University of Puerto Rico, Mayagüez Campus

Engineering and Ethics, in Centro de Formación Teológica, Pontificia Universidad Javeriana, April-May, 2018 (21 hours).

Short Courses in Theology:

Christology, Noviciado Intercongregacional, Santiago, República Dominicana, September-December, 2003.

Catholic Social Teaching, Noviciado Intercongregacional, Santiago, República Dominicana, September-December, 2004.

AWARDS

Spring 2021: elected to be faculty member of Honor Society Phi Kappa Phi.

Fall 2017: Wade Chair (Invited), Marquette University, Milwaukee, U.S.A.

2012: Summa Cum Laude Doctorate Degree, Université Catholique de Louvain, Louvain-la-Neuve, Belgium.

2009: Summa Cum Laude (Mention Très Bien), Master Degree (Licence Canonique du Deuxième Cycle en Théologie), Centre Sèvres, Paris, France.

2001-2002: Distinguished Researcher of the University of Puerto Rico, recognition from the President of the University of Puerto Rico.

2001-2002: Early Promotion to Full Professor.

2000-2001: Distinguished Professor, UPRM ECE Department.

INTERVIEWS:

Millie Gil, “*Lección magistral del Astrónomo George Coyne en Mayagüez*”, Portal electrónico “Mayagüez sabe a Mangó”, August 2014.

<http://www.mayaguezsabeamango.com/historias/historias-final/957-leccion-magistral-del-astronomo-george-v-coyne-en-mayaguez>

Ginger Enid Correa-Angulo, “*Ciencia vs. Espiritualidad: una centenaria discusión*”, UPR Newspaper Diálogo, December 2012-January 2013.

<http://dialogodigital.com/index.php/Ciencia-vs.-Espiritualidad-una-centenaria-discusion.html>

<http://dialogodigital.com/index.php/Ciencia-y-fe-en-la-busqueda-de-lo-trascendental.html>

ADMINISTRATIVE RESPONSIBILITIES

Member, School of Theology Council, Pontificia Universidad Católica de Puerto Rico (PUCPR), May 2019 – Present.

Reviewer Syllabus *Fundamental Theology*, Department of Theology, Pontificia Universidad Javeriana, January - June 2022.

Reviewer Syllabus *Theological anthropology*, School of Theology, Pontificia Universidad Católica de Puerto Rico (PUCPR), January – May 2021.

Reviewer Syllabus *Theología de la praxis eclesial*, Dra. Carola M. Narvaez-Rosario (leader), Dr. Fray Carlos Rodríguez-Villanueva, O.P., Dr. Luis O. Jiménez-Rodríguez, S.J., School of Theology, Pontificia Universidad Católica de Puerto Rico (PUCPR), January – May 2021.

Reviewer Syllabus *Synthesis seminar*, Dr. Luis O. Jiménez-Rodríguez, S.J., Dra. Carolina Vila-Porras, School of Theology, Pontificia Universidad Católica de Puerto Rico (PUCPR), August – December 2020.

Coordinator, Courses Description Revision, Instituto Teológico, Pontificia Universidad Católica de Puerto Rico (PUCPR), May-June 2019.

Reviewer Syllabus *Doctrine of God revealed in Christ*, Department of Philosophy and Theology, Pontificia Universidad Católica de Puerto Rico (PUCPR), August – December 2019.

Reviewer Syllabus *Ecclesiology*, Department of Theology, Pontificia Universidad Javeriana, August - December 2020.

Creator course *Theology of Body and Soul*, Department of Theology, Pontificia Universidad Javeriana, August - December 2020.

Reviewer Syllabus *Christology*, Department of Philosophy and Theology, Pontificia Universidad Católica de Puerto Rico (PUCPR), August – December 2019.

Reviewer Syllabus *Ecclesiology*, Department of Philosophy and Theology, Pontificia Universidad Católica de Puerto Rico (PUCPR), January – June 2020.

Reviewer Syllabus *Fundamental Theology*, Department of Philosophy and Theology, Pontificia Universidad Católica de Puerto Rico (PUCPR), January – June 2020.

Reviewer Syllabus *Patrology*, Department of Philosophy and Theology, Pontificia Universidad Católica de Puerto Rico (PUCPR), January – June 2020.

Director, Laboratory of Applied Remote Sensing and Image Processing (LARSIP), Department of Electrical and Computer Engineering, University of Puerto Rico at Mayagüez, 1997-2003, 2012-2017.

Member, Graduate Committee, Department of Electrical and Computer Engineering, University of Puerto Rico at Mayagüez, 2013-2017.

Member, Personnel Committee, Department of Electrical and Computer Engineering, University of Puerto Rico at Mayagüez, 2015-2017.

Author, Study and Report “Research Status at the Electrical and Computer Engineering Department”, University of Puerto Rico at Mayagüez, Fall 2012.

Associate Director, Laboratory of Applied Remote Sensing and Image Processing (LARSIP), Department of Electrical and Computer Engineering, University of Puerto Rico at Mayagüez, 1996-1997.

REVIEWER

REVISTA PENSAMIENTO, Journal of Philosophy, Pontificia Universidad Comillas, Madrid, España, Marzo 2022.

THEOLOGICA XAVERIANA, Journal of theology from Pontificia Universidad Católica Javeriana, Bogotá, Colombia, April 2020.

REVISTA PERSEITAS, Journal of the Education and Humanities Faculty, Catholic University Luis Amigó, August 2018.

WHISPERS-IEEE, Workshop on Hyperspectral Image and Signal Processing, Los Angeles 22-24, August 2016.

THEOLOGICA XAVERIANA, Journal of theology from Pontificia Universidad Católica Javeriana, Bogotá, Colombia, July 2018.

THEOLOGICA XAVERIANA, Journal of theology from Pontificia Universidad Católica Javeriana, Bogotá, Colombia, January 2015

NASA Peer Review Panel to evaluate proposals in the Carbon Cycle Science Program Area,
March 2001, Washington.

CONTINUOUS EDUCATION

Continuous Education Activity	Institution	Date and time
Quiebra, deuda y repago: ¿por dónde vamos?	Dr. José Antonio González Taboada. Días de Formación de la Facultad, Pontificia Universidad Católica de Puerto Rico	August 12, 2022. (2 hrs)
El impacto de los cambios demográficos en la educación superior en Puerto Rico	Prof. Judith Rodríguez Figueroa. Días de Formación de la Facultad, Pontificia Universidad Católica de Puerto Rico	August 12, 2022. (2 hrs)
Aumenta la incertidumbre: prospectivas económicas 2021-2025	Dr. Juan Lara Fontánez. Días de Formación de la Facultad, Pontificia Universidad Católica de Puerto Rico	August 12, 2022. (1.5 hrs)
Virtudes: modelo para la buena gobernanza	Dr. Pablo Virgilio Mella Febles, S.J. Dr. P. Juan Luis Negrón. Días de Formación de la Facultad, Pontificia Universidad Católica de Puerto Rico	August 11, 2022. (1.5 hrs)
Hagan lo que ellos dicen, no hagan lo que ellos hacen,” lo central de la coherencia en la vida del ciudadano	Dr. César Rey, Dra. Sandra Ramos López. Días de Formación de la Facultad, Pontificia Universidad Católica de Puerto Rico	August 11, 2022. (1 hrs and 15 mins)
Pobreza estructural	Dr. Juan José Ibarretxe. Días de Formación de la Facultad, Pontificia Universidad Católica de Puerto Rico	August 11, 2022. (2 hrs)
Dobbs vs. Jackson: revocación de <i>Roe vs. Wade</i>	Lcdo. Josean A. Frontera, Días de Formación de la Facultad, Pontificia Universidad Católica de Puerto Rico	August 10, 2022. (1.5 hrs)
El ecocidio y el descarte	Dra. Ivonne Díaz, Profa. Carmen M. Reyes-Colón, Dr. Cecilio Ortiz, Días de Formación de la Facultad, Pontificia Universidad Católica de Puerto Rico	August 10, 2022. (1.5 hrs)
El principio de la dignidad y el desarrollo humano integral.	P. Feliciano Rodríguez, Lcdo. Israel Santiago, Días de Formación de la Facultad, Pontificia Universidad Católica de Puerto Rico	August 10, 2022. (2 hrs)
Capacitación plataforma BrightSpace. Charla Nivel 3. Herramientas de evaluación, foros y contenidos.	Christian Metaute-Medina, Jorge Bustacara. Centro ATICO. Pontificia Universidad Javeriana, Bogotá, Colombia.	July 28th, 2021 (3 hrs)

Capacitación plataforma BrightSpace. Charla Nivel 2. Herramientas de comunicación, interacción y contenidos.	Christian Metaute-Medina, Mauricio Cubides Caicedo. Centro ATICO. Pontificia Universidad Javeriana, Bogotá, Colombia.	July 27th, 2021 (3 hrs)
Capacitación plataforma BrightSpace. Charla Nivel 1. Repensar, rediseñar y reconstruir tu curso.	Yolima Hurtado Ramírez. Centro ATICO. Pontificia Universidad Javeriana, Bogotá, Colombia.	June 25th, 2021 (2 hrs)
Capacitación plataforma BrightSpace. Charla Introductoria Nivel "0": Nuevo entorno virtual de aprendizaje (LMS). Conoce el A, B, C de Brightspace, la nueva plataforma de la Universidad.	Yolima Hurtado Ramírez. Leonardo Forero. Centro ATICO. Pontificia Universidad Javeriana, Bogotá, Colombia.	June 6th, 2021 (2 hrs)
"Perspectiva de los pobres – fraternidad universal". Jornada de Formación: Encíclica <i>Fratelli tutti</i> . La Fraternidad Universal en Contexto Colombiano y Latinoamericano.	P. Francisco de Aquino Junior. Departamento Teología, Pontificia Universidad Javeriana.	June 15th, 2021 (2 hrs)
"Del anti-pueblo al nuevo pueblo: una lectura política de <i>Fratelli tutti</i> ". Jornada de Formación: Encíclica <i>Fratelli tutti</i> . La Fraternidad Universal en Contexto Colombiano y Latinoamericano.	P. Guillermo Alfonso Zapata, S.J. Departamento Teología, Pontificia Universidad Javeriana.	June 15th, 2021 (2 hrs)
Capacitación para la implementación Plataforma "LMS BrighSpace"	Facultad de Teología, Pontificia Universidad Javeriana	June 8th, 2021. (1.5 hours)
Del conflicto al diálogo en los procesos políticos	Dr. Gutenberg A. Martínez Ocamica. Congreso Católicos y Vida Pública. Pontificia Universidad Católica de Puerto Rico.	April 22, 2021. (30 minutes).
Los valores del pensamiento cristiano en la democracia moderna. Reconciliar la democracia y el pensamiento cristiano	Dr. Enrique San Miguel. Congreso Católicos y Vida Pública. Pontificia Universidad Católica de Puerto Rico.	April 22, 2021. (45 minutes).
Conflicto, reconciliación y hermandad en <i>Fratelli tutti</i>	Dr. José Francisco Serrano Oceja. Congreso Católicos y Vida Pública. Pontificia Universidad Católica de Puerto Rico.	April 22, 2021. (1 hour).
La independencia de ciencia y religión.	Ciclo de diálogos: el encuentro entre ciencia y religión. Comité Fe, Humanidades y Ciencia, Pontificia Universidad Católica de Puerto Rico.	April 14 th , 2021. (1.5 hours).
"Dios y el problema del origen de las ideas: la solución de Tomás Aquino"	Dr. Juan José Sánchez Álvarez-Castellanos. Simposio Filosófico Virtual en torno a la relación mente-Dios, Humanities Department, University of Puerto Rico at Bayamon, Puerto Rico	April 8 th , 2021 (40 minutes).

"La angustia en Kierkegaard y Dios como paradoja"	Dra. Aleida C. Gelpi Acosta. Simposio Filosófico Virtual en torno a la relación mente-Dios, Humanities Department, University of Puerto Rico at Bayamon, Puerto Rico	April 8 th , 2021 (40 minutes).
"Muerte y Trascendencia en Alcmeón de Crotona"	Dr. Luis H. Pabón Batlle. Simposio Filosófico Virtual en torno a la relación mente-Dios, Humanities Department, University of Puerto Rico at Bayamon, Puerto Rico	April 8 th , 2021 (40 minutes).
Los albores de la Filosofía de la Religión contemporánea en las lecciones sobre filosofía de la religión de Hegel"	Dr. Miguel A. Badía Cabrera Simposio Filosófico Virtual: Mente-Dios. Departamento Humanidades UPR-Bayamon, Puerto Rico.	April 8 th , 2021 (1 hour).
"La autoconsciencia en las Filosofías de Tomás de Aquino y Teilhard de Chardin"	Dr. Luis O. Canting Placa Simposio Filosófico Virtual: Mente-Dios. Departamento Humanidades UPR-Bayamon, Puerto Rico.	April 8 th , 2021 (40 minutes).
Del Conflicto al diálogo: cuatro enfoques.	Ciclo de diálogos: el encuentro entre ciencia y religión. Comité Fe, Humanidades y Ciencia. Pontificia Universidad Católica de Puerto Rico.	April 7 th , 2021. (1.5 hours)
El dilema social, ¿nos controlan los algoritmos?	Comité Fe, Humanidades y Ciencia Pontificia Universidad Católica de Puerto Rico.	December 8 th , 2020. (1.5 hours)
¿Existe una evidencia científica que confirme o desmiente la fe?	Comité Fe, Humanidades y Ciencia Pontificia Universidad Católica de Puerto Rico.	November 24, 2020 (1.5 hours).
Webinar "Google Classroom"	Virtual Education Institute Pontificia Universidad Católica de Puerto Rico.	August 5 th , 2020 (3 hours).
MS-Teams: una herramienta para diseñar las apuestas pedagógicas.	Centro para el aprendizaje, Enseñanza y Evaluación (CAE+E), Pontificia Universidad Javeriana, Bogotá, Colombia.	July 2, 2020 (1.5 hours).
El reto de evaluar el aprendizaje en las nuevas modalidades.	Centro para el aprendizaje, Enseñanza y Evaluación (CAE+E), Pontificia Universidad Javeriana, Bogotá, Colombia.	June 26, 2020 (1.5 hours).
¿Cómo crear y gestionar su perfil digital de investigador en ORCID y Google Scholar	Centro para el aprendizaje, Enseñanza y Evaluación (CAE+E), Pontificia Universidad Javeriana, Bogotá, Colombia.	June 24, 2020 (1 hour).

Lección inaugural, “Sínodo de la Amazonía: Nuevo modelo de relación Iglesia y sociedad”, por Mons. Luis Mariano Montemayor, Nuncio Apostólico en Colombia.	Pontificia Universidad Javeriana	February 11, 2020 (1.5 hours).
Inteligencia Artificial. Estado de la cuestión	IV Seminario Interdisciplinar sobre Inteligencia Artificial Catedra Francisco Ayala Pontificia Universidad de Comillas	December 13, 2018 (2 hours)
La ética ante la inteligencia Artificial	IV Seminario Interdisciplinar sobre Inteligencia Artificial Catedra Francisco Ayala Pontificia Universidad de Comillas	December 13, 2018 (2 hours)
Los desafíos jurídicos de la Inteligencia Artificial	IV Seminario Interdisciplinar sobre Inteligencia Artificial Catedra Francisco Ayala Pontificia Universidad de Comillas	December 14, 2018 (2 hours)
La Inteligencia Artificial desde la filosofía y la teología	IV Seminario Interdisciplinar sobre Inteligencia Artificial Catedra Francisco Ayala Pontificia Universidad de Comillas	December 14, 2018 (2 hours)
La Inteligencia Artificial desde el punto de vista empresarial.	IV Seminario Interdisciplinar sobre Inteligencia Artificial Catedra Francisco Ayala Pontificia Universidad de Comillas	December 14, 2018 (2 hours)
Re-developing Puerto Rico's Electric Systems for Infrastructure Integrity	Colegio de Ingenieros y Agrimensores de Puerto Rico	July 3, 2018 (3 hours)
Selección, Uso y Mantenimiento de Generadores de Emergencia Pequeños para aplicación Residencial y Comercial	Colegio de Ingenieros y Agrimensores de Puerto Rico	August 01, 2018 (3 hours)
Ética Aplicada	Colegio de Ingenieros y Agrimensores de Puerto Rico	February 25, 2017 (3 hours)
Ley 147-2016 y sus Impactos en la Ingeniería Ambiental y otras Relacionadas	Colegio de Ingenieros y Agrimensores de Puerto Rico	February 27, 2017 (3 hours)
Electricidad en la Industria	Colegio de Ingenieros y Agrimensores de Puerto Rico	June 6, 2017 (3 hours)
Servidumbre de Paso	Colegio de Ingenieros y Agrimensores de Puerto Rico	June 13, 2017 (3 hours)
Construye Excelente; Eficiente y Resistente a Terremotos	Colegio de Ingenieros y Agrimensores de Puerto Rico	June 15, 2017
Ética Aplicada en la Educación	Colegio de Ingenieros y Agrimensores de Puerto Rico	June 17, 2017 (3 hours)
Transformadores y Distribución de Energía Eléctrica	Colegio de Ingenieros y Agrimensores de Puerto Rico	January 20, 2015 (3 hours)

“Research and Development, the ethical dimension”	Eugenio María de Hostos Bioethical Institute Recinto de Ciencias Médicas Universidad de Miami	March 14, 2014 (More than 6 hours)
Mejoras al Mercado Fotovoltaico en techos en PR: Propuestas de reforma a procesos y estándares de interconexión y medición neta	Colegio de Ingenieros y Agrimensores de Puerto Rico	May 13 2013 (3 hours)
Reciclaje de Materiales	Colegio de Ingenieros y Agrimensores de Puerto Rico	May 14 2013 (3 hours)
Basic of Telecommunications Distribution Systems	Colegio de Ingenieros y Agrimensores de Puerto Rico	May 28, 2013 (3 hours)
Energía Eléctrica de las Olas del Mar: Recurso, Tecnología, Integración a la Red y Economía	Colegio de Ingenieros y Agrimensores de Puerto Rico	May 16 2012 (3 hours)
Empalmes y Terminaciones para Cables de Media Tensión	Colegio de Ingenieros y Agrimensores de Puerto Rico	May 30 2012 (3 hours)

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

Theological Team of the Conference of Religious Life of Puerto Rico, member since September 2022.

Worldwide Teilhard Network, member since January 2020.

Licensed Engineer in Puerto Rico since 2013.

CIAPR -- Colegio de Ingenieros y Agrimensores de Puerto Rico (The **Professional Engineers and Surveyors** Association of Puerto Rico)

LANGUAGE SKILLS

Spanish: excellent (native speaker), English: excellent (spoken & written), French: excellent (spoken & written), German: basic knowledge (reading), New Testament Greek: basic knowledge (reading).

RESEARCH INTEREST

Fundamental Theology, Relation Science and Theology, Method in Theology, Creation Theology, Theological Anthropology, Catholic Social Teaching, Philosophy of Science, Epistemology, Philosophical Anthropology, Philosophy of Religion, Engineering Ethics and Philosophy of Technology.