PIOTR S WINDYGA, PhD

Résumé

1/27/2024

SUMMARY

I am an academic Systems Engineer, with a focus on the application of AI in Biomedical Engineering and Healthcare Cybersecurity, with more than 30 years of combined academic/industrial experience. I have published technical papers cited many times in high-impact international journals and served as referee of many others' papers. I have consistently presented papers in top international conferences. I have prepared winning proposals for funding and have successfully performed all project management aspects of the resulting research grants, which targeted development of cutting-edge technologies. Projects included several for the U.S. Army and leading USA hospitals. I have led extension and industrial partnership initiatives and participated in continuous education programs. I have mentored many students, including those at the master's level, and participated on PhD committees. I have created from scratch new undergraduate and graduate-level courses and full academic programs and have made major changes to existing ones. I am capable of teaching in several technical and non-technical areas in English, Spanish and French, and I am fluent in all online education technologies and multimedia course material development tools. I have been honored for outstanding teaching and research. I have overseen several administrative activities, including course scheduling and instructors' load management; program promotion and accreditation; and qualifying exams design, administration and grading. I have been an invited speaker for prestigious meetings and served as consultant for international firms.

PERSONAL DATA

- **Address:** 121 Edgeview Dr. 402, Broomfield, CO 80021
- **Phone:** (321)439-5120
- **e-mail:** piotrwindyga@yahoo.com
- **Citizenship:** US Citizen

HIGH-LEVEL DEGREES

- 1997 ***Post-Doc***, University of Central Florida, Vision Lab.
  Specialization: Optical Flow in Medical Imaging (object movement assessment).
  Scholarship provided by Dr. Shah's research funds upon Dr. Shah's invitation.
- 1994 ***Ph.D.***, University of Rennes I, France
  Specialization: Medical Signal and Image Processing
  Evaluation: "Très honorable" (Maximum distinction)
  Scholarship provided by French National Government upon International competition.

- 1989 ***Magister in Electronic Engineering***, Simón Bolívar University, Caracas, Venezuela
  Specialization: Digital and Biomedical Systems
  GPA: 4.77/5.00
  Scholarship provided by Venezuelan National Government upon National competition.
- 1985 ***Systems Engineer***, University of Los Andes, Mérida, Venezuela
  Specialization: Process Control
  GPA: 16/20
  Scholarship provided by Venezuelan National Government upon National competition.

WORKING EXPERIENCE

- 2022–present: *Scholar in residence,* Computer Science Department, University of Colorado, Boulder, Colorado, fulltime.
- 2020–2022: *Associate Professor,* Computer Science Department, Fort Hays State University, Hays, Kansas, fulltime.
- 2016–2019: *Associate Professor,* Department of Computer and Information Science, Higher Colleges of technology -Dubai's Men's College, Dubai, United Arab Emirates, full time.
- 2015–2016: *International Consultant, Corporate Trainer, and Executive Coach*.
- 2013–2014: *Research Associate Professor*, University of Central Florida (UCF), School of Electrical Engineering and Computer Science, Orlando, Florida, full time.
- 2011–2013: *Chief Scientist*, 3D STRAIN Consortium, Clairmont-Ferrand, France, full time.
- 2004–2010: *Associate Professor*, UCF School of Electrical Engineering and Computer Science, Orlando, full time.
- 2002–2004: *Associate Professor,* University of Minnesota, Department of Computer Science, Duluth, full-time.
- 1999–2002: *Senior Research Computer Scientist,* UCF Institute for Simulation and Training, Orlando, full-time.
- 1999–2002: *Adjunct Assistant Professor,* UCF School of Computer Science, Orlando, part-time (6 hours/week).
- 1998–1999: *Visiting Assistant Professor*, UCF School of Computer Science, Orlando, full-time.
- 1994–1997: *Assistant Professor*, Simón Bolívar University, Department of Electronics, Caracas, Venezuela, full-time.
- 1989–1990: *Researcher*, Shell-Venezuela, Department of New Computer Technologies, Caracas, Venezuela, full-time.
- 1987–1989: *Graduate teaching assistant*, Simón Bolívar University, Department of Electronics, Caracas, Venezuela, (20 hours/week).
- 1985–1986: *System Programmer*, Shell-Venezuela, Department of Production, Lagunillas, full-time.

- 1984–1985: *Teaching assistant*, Department of Computer Engineering, University of Los Andes, Mérida, Venezuela, (20 hours/week).

ADMINISTRATIVE DUTIES

- 2017–2018: *Interim Dean of academic Operations*, Dubai's Men's College.
- 2016–2017: *Director of Innovation*, Dubai's Men's College.
- 2006–2007: *Associate Dean for Academic Affairs*, University of Central Florida (UCF) College of Engineering and Computer Science.
- 2004–2006: Assistant *Chairman*, Department of Computer and Information Sciences (UCF-CIS).
- 2003–2004: *Coordinator*, UCF-CIS Information Technology Major.
- 2002–2004: *Coordinator*, UCF Interdisciplinary Minor in Informatics.
- 2002-2003: *Interim Chair*, UCF Department of Computer Science.
- 2002–2004: *Coordinator*, Computer Science Outcomes Assessment.
- 2001–2002: *Manager,* UCF-CIS Course scheduling and instructors' load assignment.
- 2001–2002: *Data Manager,* UCF-CIS ABET program accreditation.
- 2000–2001: *Coordinator*, UCF-CIS Internship and career development program.
- 1998–2000: *Leader*, UCF-CIS qualifying exams design, administration, and grading.

CURRICULUM DEVELOPMENT

All the courses listed below were created from scratch.

Minors

- *Cybersecurity*, UCF.
- *Healthcare Informatics,* UCF.
- *Interdisciplinary Minor in Informatics Technology (I2Tech),* UCF.

Majors

- *Bachelor Arts in Cybersecurity,* FHSU.
- *Bachelor Science in Healthcare Informatics,* UCF.

Masters

- *Cybersecurity*, UCF.
- *Healthcare Informatics,* UCF.
- *Healthcare Informatics (online),* UCF.

COURSE DEVELOPMENT

All the courses listed below where created from scratch. This activity included development of course description, definition of course objectives and measurement instruments, and syllabus drafting.

- *Foundations of Computer Programming*, UCF, 2014.
- *Computer Hardware Platforms*, UCF, 2014.
- *Operating Systems Platforms*, UCF, 2014.
- *Component-based Software Engineering*, UCF, 2014.
- *Software Verification and Validation*, UCF, 2014.
- *Storage Area Networks*, UCF, 2014.
- *Internet Databases*, UCF, 2014.
- *Healthcare IT*, UCF, 2014.
- *Healthcare Management Information Systems*, UCF, 2014.
- *Applied Social Media*, UCF, 2014.
- *Geographic Information Systems*, UCF, 2013.
- *IT and Homeland Security*, UCF, 2013.
- *IT Project Management*, UCF, 2013.
- *IT and Organizational Culture*, UCF, 2013.
- *Client/Server Advanced Programming*, UCF, 2013.
- *e-Commerce Systems*, UCF, 2013.
- *Systemic Thinking*, UCF, 2013.
- *IT Governance*, UCF, 2013.
- *Wireless Applications*, UCF, 2013.
- *Engineering Sales*, UCF, 2013.
- *Cloud Computing*, UCF, 2012.
- *Markup Languages*, UCF, 2012.
- *IT Project Management*, UCF, 2012.
- *IT Helpdesk Concepts and Skills*, UCF, 2012.
- *IT Certifications and Carrier Planning*, UCF, 2012.
- *Enterprise Software Applications*, UCF, 2012.
- *Nursing Informatics*, UCF, 2011.
- *Healthcare Data Protection and Liability*, UCF, 2011.
- *Clinical Information Systems*, UCF, 2011.
- *Studies on Healthcare Data*, UCF, 2011.
- *High-Tech Healthcare Education and Training*, UCF, 2011.
- *Organizational Culture and Healthcare Informatics*, UCF, 2011.
- *Healthcare Informatics Core Applications*, UCF, 2011.
- *Computerized Medical Systems Validation and Compliance*, UCF, 2011.
- *Computational Biomedicine*, UCF, 2011.
- *Pathology Informatics*, UCF, 2011.

- *Medical Imaging Informatics*, UCF, 2010.
- *Public Health Informatics*, UCF, 2010.
- *Consumer Health Informatics*, UCF, 2010.
- *Advanced Topics in Healthcare Informatics*, UCF, 2010.
- *Informatics Fundamentals*, UCF, 2010.
- *Organizational Culture*, UCF, 2010.
- *Fluency with Information Technology*, UCF, 2010.
- *Foundations of Information Technology*, UCF, 2010.
- *Web Programming*, UCF, 2010.
- *Integration Architectures*, UCF, 2010.
- *Cryptography and Information Security*, UCF, 2009.
- *Cybersecurity Foundations*, UCF, 2009.
- *Wireless and Mobile Security*, UCF, 2009.
- *Secure Software Development and Assurance*, UCF, 2009.
- *Introduction to Informatics*, UCF, 2009.
- *Server Security,* UCF, 2009.
- *Data Security, UCF*, 2009.
- *Human and Information Technology Devices Interaction*, UCF, 2009.
- *Computer Systems Administration*, UCF, 2009.
- *Enterprise Software Applications*, UCF, 2009.
- *Computer Vision, UMN, 2002.*
- *Image Procession, USB, 1994.*

SPECIFIC SKILLS

Systems Engineering. IT Governance. Wearable Computers. Modeling and Simulation. AI. (Management) Information Systems. User Interaction Design. Software Engineering. Business Analysis. Data Science. Digital Systems. Embedded Systems. Project Management. Human Performance Assessment. Computer Science. Healthcare Informatics. Medical Imaging. Biomedical Engineering.

ACADEMICS COURSES TAUGHT (3CR)

Undergraduate

- *Applied Discrete Math (16)*
- *Statistics and Probabilities (10)*
- *IT Governance (3)*
- *Systems Analysis and Design (12)*
- *Information Systems (5)*
- *Computer Networks* (11)
- *Computer Architecture/Structure* (28)
- *Informatics (4)*
- *Information Theory (7)*
- *Programming Principles (20)*
- *Research Methods (6)*
- *Data Science Foundations (9)*
- *Digital Systems* (12)
- *Microprocessors* (11)

- *Control Systems (6)*
- *Artificial Intelligence (12)*
- *Machine Learning (7)*
- *Computer Vision* (12)
- *Scientific Programming* (6)
- *Computer ethics (3)*
- *Foundation of Information Tech. (11)*
- *Operating Systems (9)*
- *Databases (9)*
- *Data Structures and Algorithms (8)*
- *Introduction to Cybersecurity (14)*
- *Server Security (6)*
- *Digital Forensics (5)*
- *Cybersecurity Programs and Policies* (3)
- *Wireless and Mobile Security (5)*
- *Ethical Hacking (6)*
- *Web Programming* (6)
- *Cloud Security* (3)
- *Human-Computer-Interaction (6)*

Graduate

- *Digital Forensics (5)*
- *Penetration Testing (8)*
- *Computer Networks* (2)
- *Medical Imaging (6)*
- *Computer Architecture/Structure* (3)
- *Introduction to Cybersecurity* (14)
- *Cybersecurity Programs and Policies* (3)
- *Management Information Systems (3)*
- *Human-Computer-Interaction (3)*
- *Data Science (3)*

INTERNET COURSES

- *Management Information Systems* (graduate), UCF, 2008-2009, available through Webcourses@UCF.
- *Human-Computer Interaction* (graduate), UCF, 2008-2009, available through Webcourses@UCF.
- *Introduction to Informatics* (under-graduate), UCF, 2007-2009, available through Webcourses@UCF.
- *Foundations of Information Technology (*under-graduate), UCF, 2009-2010, available through Webcourses@UCF.
- Computer architecture exercises, USB, 1996, available at (http://gbba.usb.ve/~gvebilac/asignaturas/problemario.htm), last time accessed June 12, 2004.

CONSULTING CUSTOMERS

- *Emirates Airways*
- *US Army*
- *Lockheed Martin*
- *IBM*
- *KIA*
- *AdventHealth*
- *Johnson & Johnson*

- *JetBlue*
- *Orlando Airport*
- *Hertz-Thrifty-Dollar*
- *Siemens*
- *several Star-up companies*

COURSES TAUGHT FOR INDUSTRIES

- *Organizational Culture and Leadership,* International Council of Systems Engineering, Orlando, USA, 2009.
- *Computer Architecture*, AT&T, Lake Mary, USA, 1998.
- *The Internet*, Aragua State Chamber of Commerce, Maracay, Venezuela, 1996.
- *The Object-Oriented Approach*, Simón Bolívar University, Caracas, Venezuela, 1995.

COMERCIAL SOFTWARE PROFICIENCY

MS Office, Visio, Blueprint, CASE Spec, Python, Aha!, VersionOne, SQL, Teradata, Blueprint CASE Spec, Python, Aha!, VersionOne, SQL, Teradata, JIRA, Axure, Trello, QAComplete, Abacus, Goggle Docs, JIRA, Axure, Trello, QAComplete, Abacus, Goggle Docs.

EVENTS ORGANIZATION

- 2002 1st Orlando-Area CIO Workshop, Orlando, UCF Main Campus.
- 1995 1st National Medical Imaging Workshop, Caracas, Venezuela.
- 1992 14th IEEE-EMBS (assistant), Paris, France.

BEST FIVE PUBLICATIONS

- Tuyisenge V, Albouy-Kissi A, Cassagnes L, Coupez E, Merlin C, **Windyga P**, Laurent Sarry. Variational myocardial tracking from CINE-MRI with non-linear regularization. ISBI 2013: 824-827
- Schiavenato M, Byers J, Scovanner P, **Windyga P**, Shah M. Is There a Primal Face of Pain? A Methodology Answer. Proc. 29th IEEE EMBS. 2007:3559-3562.
- **Windyga P**, Wink D. A wearable computing-based system for the prevention of medical errors committed by registered nurses in the intensive care unit, Proc. 2nd Joint meeting of the IEEE-EMBS/BMES. 2002:765-766.
- **Windyga P.** Fast Impulsive Noise Removal. IEEE Transactions on Image Processing. 2001;10(1): 173-179.
- Petty M., **Windyga P.** A High Level Architecture-based Medical Simulation System. Special issue *High Level Architecture*, Simulation. 1999;73(5):281-287.
- **Windyga P**, Garreau M, Coatrieux JL. Estimation of search-space in 3D coronary artery reconstruction using angiographic biplane images, Pattern Recognition Letters. 1998;19:1325-1330.

PUBLICATIONS IN REFERED INTERNATIONAL JOURNALS

- **Windyga P.** Fast Impulsive Noise Removal. IEEE Transactions on Image Processing. 2001;10(1): 173-179.
- Petty M., **Windyga P.** A High Level Architecture-based Medical Simulation System. Special issue *High Level Architecture*, Simulation. 1999;73(5):281-287.
- **Windyga P.**, Garreau M., Coatrieux J.L. Estimation of search-space in 3D coronary artery reconstruction using angiographic biplane images, Pattern Recognition Letters. 1998;19:1325-1330.
- **Windyga P.**, Garreau M., Shah M., Coatrieux J.L., LeBreton H. Three-dimensional reconstruction of the coronary arteries using *a priori* knowledge. Medical and Biological Engineering and Computing. 1998;36:158-164.
- Garreau M., Coatrieux J.L., **Windyga P.** Reconstruction and labeling of coronary network for biplane angiography: validation on real data. Journal of Biological Systems. 1994;2(2):183-192.
- **Windyga P.**, Almeida D., Passariello G., Mora F., Coatrieux J.L. A knowledge-based approach to the management of serious arrhythmia in the CCU, Medical and Biological Engineering and Computing. 1991;29(3):254-260.

PUBLICATIONS IN REFERED INTERNATIONAL PROCEEDINGS

- **Windyga P**. Virtual Agents in Healthcare: The patient's best friend. Proc. 32nd IEEE EMBS. Submitted.
- **Windyga P**. Computational Thinking in Healthcare: From Alice to Caterpillar. Proc. 31st IEEE EMBS. Submitted.
- **Windyga P**, Karwowski W, Sala-Diakanda S, Ahram T. Dimensional Components toward Systems Engineering Application to improve Healthcare Delivery. Proc. 30th IEEE EMBS. 2008:1962-1965.
- **Windyga P**, Kim K, White V, Leon M, Bag A, Chen W. Cost-Return Prediction in Morbidly Obese Employees Following Weight Loss Interventions: A Study Framework. Proc. 29th IEEE EMBS. 2007:1766-1769.
- Schiavenato M, Byers J, Scovanner P, **Windyga P**, Shah M. Is There a Primal Face of Pain? A Methodology Answer. Proc. 29th IEEE EMBS. 2007:3559-3562.
- Medina R, Bravo A, **Windyga P**, Toro J, Yanand P, Onik G. A 2-D Active Appearance Model for Prostate Segmentation in Ultrasound Images. Proc. 27th IEEE EMBS. 2005
- **Windyga P**, Onik G., Hiransakolwong N, Vu K, Medina R. Ultrasound-based liver computer assisted surgery. Proc. 26th IEEE-EMBS, 2004:645-651.
- Medina R, **Windyga P**. Prostate segmentation using a 2-D active appearance models. Proc. CIMENICS 2004.
- **Windyga P**, Medina R, Onik G. Augmented Vision for Minimally Invasive Abdominal Cancer Surgery. Proc. 25th IEEE-EMBS. 2003:456-459.
- **Windyga P**, Onik G, Medina R "Virtual Trainer for Prostate Cryosurgery. Proc. IASTED MS. 2003:229-233.
- Hiransakolwong N., Hua K, Vu K., **Windyga P**. Segmentation of ultrasound liver images: An automatic approach. Proc. ICME 2003:432-439.

- Hiransakolwong N, **Windyga P**, Hua K, Vu K. Automatic Segmentation of Ultrasound Images Using Adaptive Thresholding. Proc. 8th ACM SAC. 2003
- Hiransakolwong N., **Windyga P**, Hua K., Vu K. FASU: A Full Automatic Segmenting System for Ultrasound Images. IEEE ACV. 2003:90-94.
- **Windyga P**, Wink D. A wearable computing based system for the prevention of medical errors committed by registered nurses in the intensive care unit," Proc. 2nd Joint meeting of the IEEE-EMBS/BMES. 2002:765-766.
- **Windyga P**, Wink D. Simulating high-stress ICU scenarios for medical errors study. Proc. IASTED-MS. 2002:173-178.
- **Windyga P.,** Schmidt A., Griffin A., Green G. Using haptic tools to explore future combat systems design issues. Proc. I/ITSEC. 2001
- **Windyga P.,** Goldiez B., Griffing A., Smith C., Dahm G., Magee D. Behavior Oriented CCTT Interoperability Definition and Assessment. Proc. SIW. 2001:740-748.
- **Windyga P**., Petty M., Kinkaid J. P., Schricker B., Anna K., Johnson T. Multiple Casualty Sources in the Combat Trauma Patient Simulation (CTPS). Proc. SIW. 2000:424-433.
- Ingrassia C. **Windyga P**. Mubarak S. Segmentation and tracking of coronary arteries. Proc. of The First Joint BME&EMBS, Oct. 13-16, Atlanta, GA, USA, 1999: 203.
- Ibanez M.B., Rivas R., Cardinale Y., **Windyga P.** A. Parallel Algorithm for 3D Reconstruction of Angiographic Images. Proc. 7th International Conference on High Performance Computing and Networking Europe. 1999:168-177.
- **Windyga P.**, Shah M. Planar interpolation for optical flow estimation. Proc. CVPRIP. 1998:370-373.
- **Windyga P.**, Shah M., Ingrassia C**.** A non-linear filter for impulsive noise reduction. Proc. CVPRIP, 1998:29-432.
- **Windyga P.**, Shah M. Automatic profile-based coronary angiogram segmentation. Proc. IASTED-IEEE Signal and Image Processing. 1998:763-766.
- **Windyga P.**, Shah M. Multi-profile analyzer for coronarograms segmentation. Proc. IEEE-MIC. 1998.
- La Cruz A., **Windyga P.**, Bevilacqua G., Mora F., Passariello G. Angiographic image analysis and study tool ANIA: First Application. Proc. IEEE-ICCDCS. 1998:282-284.
- La Cruz A., **Windyga P.**, Bevilaqua G., Garreau M., Coatrieux J.L. Analytic Description of the Estimated Ventricular Surface from Coronary Arteries.Proc. 19th IEEE-EMBS. 1997: 845-847.
- Rivas R., Cardinalle Y., Ibanez, M., **Windyga, P**. Enfoques de paralelización de la reconstrucción 3D de imagenes en el arbol coronario. Proc. 13th Latin-American Conference in Information. 1997:985-996.
- **Windyga P.**, Lopez I., Bevilacqua G., Garreau M., Coatrieux J.L. Utility of 2D properties in the reconstruction of coronary arteries from biplane angiographic images. Proc. 18th IEEE-EMBS. 1996.
- **Windyga P.**, Garreau M., LeBreton H., Coatrieux J.L. Estimation of search-space in 3D coronary artery reconstruction using angiographic biplane imaging. Proc. 17th IEEE-EMBS. 1995:389-390.

- La Cruz, A., Morinelli, G., **Windyga, P.** ANIA: A tool for angiographic image analysis and study. Proc. 17th IEEE-EMBS. 1995: 381-382.
- **Windyga P.**, Garreau M., Le Breton H., Coatrieux J.L. 3D and 2D Knowledge combination for the reconstruction of coronary arteries: First results on real data. Proc. 16th IEEE-EMBS. 1994:620-621.
- **Windyga P.**, Garreau M., LeBreton H., Coatrieux J.L. Reconstruccion tridimensional de las arterias coronarias utilizando conocimiento *a priori*, IV Iberoamerican Congress on Artificial Intelligence, Caracas, Venezuela. 1994: 407-418.
- **Windyga P.**, Garreau M., LeBreton H., Coatrieux J.L. 3D multiple reconstruction and knowledge-based filtering in coronarography. Proc. 15th IEEE-EMBS. 1993:128-129.
- **Windyga P.**, Garreau M., LeBreton H. Knowledge modeling for reconstruction of coronary networks," Proc. 14th IEEE-EMBS. 1992: 847-848.

AWARDS

2017 Most Inspirational Teacher, HCT Dubai's Men's College, 2017.

2009 Innovative Teaching Technologies, UCF, 2007.

2000 Excellence in Undergraduate Teaching, UCF, 2005.

1992 Best scientific work in Engineering, Venezuelan National Committee of Science and Technology (CONICIT).

GRANTS

Note: All the grants listed allowed partially or totally paying my salary, hiring and tuition cover of graduate students, and equipment acquisition.

- 3D Strain. French Minister of Research. Co-PI, EU 400K, over 2 years, founded.
- Adding Medical Images Management Functionality to OpenClinica, FHTC, PI, $82K, over 1 year, funded.
- Cost Analysis of Bariatric Surgery in an Employee-based Healthcare System Following Surgery Coverage, Florida Hospital, PI, $246K over 3 years, funded.
- Cost-Return Prediction in Morbidly Obese Employees Following Laparoscopic Roux-en-Y Surgery, Florida Hospital/I-4 FHTC, 2004, PI, $75K, over one year, Florida-Hospital, funded. Completed on time and within budget.
- Design of a cryosurgery virtual trainer: Anatomical model Aspects, Grant-In-Aid of Research, Artistry and Scholarship, University of Minnesota Graduate School, 2001, $66,500 funded. Completed on time and within budget.
- Haptic Controlled Virtual Simulator for the Future Combat system (FCS), 2001, PI, US Army, $1.1M over two years, funded. Completed on time and within budget.
- Image-guided surgery, Florida Hospital/I-4 FHTC, PI, $200K over one year, funded.
- Combat Trauma Patient Simulation (CTPS), 2000, PI, METI inc./US Army, $340K over two years, funded. Completed on time and within budget.
- Immersive Vehicle Simulation Training (INVEST), US Army, 1999, PI, $400K over one year, funded. Completed on time and within budget.

COMMERCIAL DEVELOPMENTS

- Remote Inventory Control, DROLANCA, Mérida, Venezuela, 1996.
- Donation Management System, DVC- a governmental office-, Caracas, Venezuela 1990.
- MARLOG –Automatic well log reader–, Shell-Venezuela, Caracas, Venezuela, 1989.
- Clinic Administration, Creole-Venezuela, Maturin, Venezuela, 1988.
- Drugstore Inventory Administration (60 copies sold), 1986.
- Report Generation, Integrated Library, ULA, Mérida, Venezuela, 1984.
- Condominiums Administration, Gonzalez & Associates, Mérida-Venezuela, 1983.
- Financial Management, Los Andes Clinic, Mérida, Venezuela, 1983.

NATIONALITY

US Citizen

BOOKS

- Windyga, P. (2018): "The Perfect Tree" (Screenplay), 272 p.
- Windyga, P. (1996): "El Tintero de Neblina" (Poetry), 260 p., Limited Edition.
- Windyga, P. (1996): "Solved exercises of Computer Architecture," 250 p., Simón Bolívar Academic Press, Caracas, Venezuela, (first and second edition).
- Windyga, P. (1996): "Versos de Luna" (Poetry), 250 p., Fotolito Los Profesionales, Caracas, Venezuela.
- Windyga, P. (1995): Chapter *Knowledge-based Systems* in "Medical Images," Mora F. and Passariello G. (Ed.), Equinoccio, Caracas, Venezuela, 1995.

OTHER LITERARY WORK

- Windyga, P. (2018): "The Perfect Tree," Screenplay.

LANGUAGES

- Spanish: S/R/W
- French: S/R/W
- English: S/R/W

OTHERS

- Sports: Tennis
- Hobbies: Theater

PERSONAL REFEREES

- Alfred Jarry, University of Paris, Professor, 32 143.95120, ajarry@univerite-paris.fr
- Isabel Duncan, University of Central Florida, Professor, 407.407.9199, I.Duncan@ucf.edu
- John Wallace, University of Minnesota, Professor, 612 7662071, j.wallace@umn.edu