

**Sauk Valley Community College
March 17, 2025**

Action Item 4.10

Topic: Faculty Appointment – Mathematics

College Health Metric: Academics – The College provides quality, contemporary, and relevant educational opportunities to the community

Presented By: Drs. David Hellmich and Jon Mandrell

Presentation:

The administration has been in the process of hiring a mathematics faculty member. The position was advertised online on Sauk Valley Community College's website, *Chronicle of Higher Education*, and *HigherEdJobs.com*. The College received thirty-two applicants. Seven candidates were invited for an on-campus interview. A committee was composed of Carrie Conderman, Evan Hunziker, Jennifer Brown, and Jessica Wilkin. Dr. Patrice Hess, Dean of Transfer Programs and Academic Support Services, served as Chair.

Academic Background: Jorge Gavillan received his Master's in Math Education from Nova Southeastern University. He received his Bachelor's in Liberal Studies from University of Central Florida.

Professional Background: Jorge has been employed by Pasco-Hernando State College in New Port Richey, Florida for 11 and a half years and is an Associate Professor of Mathematics.

Recommendation:

The administration recommends the Board approve the appointment of Jorge Gavillan as a Professor of Mathematics beginning August 8, 2025, at an annual base salary of \$77,175.32.

Jorge R. Gavillan

December 14, 2024

Hiring Committee

Sauk Valley Community College
173 IL Rt 2
Dixon, IL 61021

Dear Hiring Committee,

I am writing to express my strong interest in the Math Faculty position at Sauk Valley Community College. I have a solid background in mathematics and a passion for teaching. I am excited about the opportunity to contribute to your academic community. I am confident that my teaching experience, dedication to student success, and commitment to fostering an inclusive and engaging classroom environment align well with the responsibilities outlined for this position.

I consistently deliver high-quality instruction in mathematics at various levels, fostering student engagement and learning, and collaborating with colleagues to enhance the department's offerings. I also have experience in developing and teaching courses across a range of math subjects, including calculus, statistics, algebra, and survey courses, and I am comfortable adapting my teaching methods to meet the diverse needs of students, both in-person and online.

Additionally, I am adept at assessing student performance, providing constructive feedback, and utilizing data-driven strategies to improve learning outcomes. My commitment to academic excellence extends to my support of students outside the classroom, whether through office hours, tutoring, or facilitating study groups. I take pride in helping students develop both their academic skills and their confidence in mathematics.

Collaboration is a key element of my teaching philosophy, and I am enthusiastic about contributing to the department's initiatives, including curriculum development, advising, and engaging in professional development opportunities. I am committed to continuous learning and growth as an educator and believe in creating a dynamic and inclusive learning environment where all students feel supported and motivated to succeed.

I am excited about the possibility of joining the faculty at Sauk Valley Community College and contributing to the success of your students. Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experience can contribute to the academic community at your institution.

Sincerely,
Jorge R. Gavillan

Curriculum Vita

Jorge R. Gavillan, M.S.

Personal Information

Education

2017	Florida Institute of Technology Completed 12 graduate hours toward an MS in Operations Research	
2005	Mathematics Education, Nova Southeastern University Thesis: <i>Implementing Instructional Strategies as a Method of Increasing 9th Grade LEP Students Mathematics Comprehension</i> 2002	M.S.
2002	Liberal Studies, The University of Central Florida Concentrations in Economics and Mathematics	B.S.
1996	General Studies, Valencia Community College	A.A.

Certifications

2024	Google Advanced Data Analytics Certificate (in progress)
2023	Google Data Analytics Certificate

Teaching Experience

2018 - present	Associate Professor of Mathematics, Pasco-Hernando State College
2015 - 2018	Assistant Professor of Mathematics, Pasco-Hernando State College
2015 - 2018	Adjunct Instructor of Mathematics, Herzing University (Online)
2014 - 2015	Instructor of Mathematics, Pasco-Hernando State College
2011 - 2013	Instructor of Mathematics, Southside Virginia Community College
2010 - 2011	Teacher of Mathematics, Lake Gibson High School

2006 - 2009	Teacher of Mathematics, Osceola County Public Schools
2002 - 2005	Teacher of Mathematics, Maynard Evans High School

Administrative Experience

2011 - 2013	Developmental Mathematics and Math Lab Coordinator, Southside Virginia Community College
2013	Director, Summer STEM Academy, Southside Virginia Community College
2012	Director, Summer STEM Academy, Southside Virginia Community College

Publications

Carter, C. & **Gavillan, J.R.** (2014). Problem-Based Learning in Summer STEM Academy. *American Exchange Quarterly*, 18(1).

Gavillan, J.R. & Hosni, D. (1998). Equality of opportunity: The case of Guatemala. *Equal Opportunities International*, 17(6), 1 - 5.

Presentations

Gavillan, J.R. & Coppola, A. (2019) Embedded Librarian in an Introductory Statistics Course Pasco-Hernando State College, New Port Richey, Florida.

Gavillan, J.R. (2019). *Unrepresented in STEM*. Panel presentation at Women in Data+ Science at Saint Leo University, Saint Leo, Florida.

Gavillan, J.R. (2019). *They're Challenging Me to See Where I Am*. Poster session presented at the annual Eastern Educational Research Association conference, Myrtle Beach, SC.

Gavillan, J.R. (2018). Using OERs to Reduce Costs to Students. Invited presentation at All College Day, Pasco-Hernando State College, New Port Richey, Florida.

Gavillan, J.R. (2018). *Latinx Students and Hispanic-Serving Institutions*. Paper presented at meeting of EdD students, Florida Southern College, Lakeland, Florida.

- Gavillan, J.R.** (2017). *Faculty Unionization Efforts*, Poster session presented at a meeting of Ed.D. students, Florida Southern College, Lakeland, Florida.
- Gavillan, J.R.** (2015). *Servant Leadership*. Invited presentation at Student Leadership Retreat, Pasco- Hernando State College, New Port Richey, Florida.
- Gavillan, J.R.** (2015). *3D Printing*. Presentation and demonstration of 3D printing technology to K-5 students John Young Elementary, Orlando Florida.
- Gavillan, J.R.** (2014). *3D Printing is No Longer Science Fiction*. Presentation and demonstration of 3D printing technology to Encore Program, Pasco-Hernando State College, Dade City, Florida.
- Gavillan, J.R.** (2014). *Flipped Learning*, Presentation at Edu-Tech Conference, Pasco-Hernando State College, New Port Richey, Florida.
- Gavillan, J.R.** (2013). *Stop the Walking Dead! BioMathematics Exploration*, Presentation at Southern Virginia STEM-H Summit Education for Innovation, Danville, Virginia.
- Gavillan, J.R.** (2011). *Cooperative Learning and Error Analysis*, Presentation at Virginia Community College System Developmental Education Conference, Richmond, Virginia.
- Gavillan, J.R.** (2004). *Using Technology to Teach Proofs*, Presentation at Orange County Teachers of Mathematics Staff Development Day, Orlando, Florida.

Service

National

National Association for Professional Development Schools, (2018). Post-conference session data reviewer for the annual conference in Jacksonville, Florida.

Regional

AFC-IEPPD Executive Committee Member, (2016). Treasurer.

Rural Excel Math Project, Advisory Board Member, (2013). Danville, Virginia.

Annual Southern Virginia STEM-H Summit, Planning Committee Member, (2013). Danville, Virginia.

Institutional

Committee Member, Student Disciplinary Committee, (2019). East Campus, PHSC.

Organized Statistics Student Research Poster Presentation, (2018 - Present). East Campus, PHSC.

Organizing Team Member, STEM Event, (2015 - present). East Campus, PHSC.

Teacher, Summer STEAM Camp, a 4-day camp for area students, grades 6-8, (2015). East Campus, PHSC.

Organizing Team Member, STEM Event partnership with LEA, grades K-5, (2014). East Campus, PHSC.

Organizer, STEM-H Day: 1-day STEM-H conference for area students, educators and Counselors, (2014). Keysville Campus, SVCC.

Ad Hoc Marker Space. (2018). Planning Committee Member. East Campus, PHSC.

Campus Mentor for MyPHSC. (2016 - present) PHSC, East Campus.

Ad Hoc Committee Redesign Development Mathematics Course. (2016 - present). PHSC.

Men of Excellence, Advisor. (2014 - 2020). East Campus, PHSC.

Make It Happen, Retention Program for Males of Color, Advisor, (2011 – 2013). SVCC, Keysville, Virginia.

Writing Council Member, (2010 – 2011). LGHS, Lakeland, Florida.

Steering Committee Member (2007 – 2008). LHS, Poinciana, Florida.

Demonstration Teacher, Teacher Training Video LEP/Sheltered Instruction, (2004). OCPS, Orlando, Florida.

Program Mentor, Alternative Certification, (2003 – 2004). OCPS, Orlando, Florida.

Chair, Action Plan Committee, Accreditation Process, (2002 – 2003), MEHS, Orlando, Florida.

Local

SAC member. (2015). Rodney B. Cox Elementary, Pasco County Public Schools

Volunteer Wrestling Coach (2011 - 2013). Charlotte County Public Schools

Workshops

Gavillan, J.R. *Integrating 3D Printing into Your Course*. (2016). Delivered Professional Development workshop at Edu-Tech Pasco Hernando State College, New Port Richey, Florida.

Gavillan, J.R. *Active Learning and the Flipped Classroom*. (2015). Delivered Professional Development workshop at Welcome Back Day Pasco Hernando State College, New Port Richey, Florida.

Gavillan, J.R. & Carter, C. *Hands-on STEaM Activities for Any Classroom*. (2013). Delivered Professional Development workshop for 100 Middle School educators Halifax County Middle School, Halifax, Virginia.

Gavillan, J.R. & Carter, C. *Hands-on STEaM Activities for Any Classroom*. (2013). Delivered Professional Development workshop for 50 High School educators Halifax County High School, Halifax, Virginia.

Awards

AFC Equity Commission Best Practice Award of Merit 2nd Place. (2016). Elementary STEM Family Night

Grants

Chancellor's Innovation Fund. (2012). \$12,000 Summer STEM Academy

Software

R Statistical Computing and Graphics
JASP Statistical Software
Microsoft Office
SAS
SPSS
SQL

Languages

Spanish, native speaker