

Zac Johnston

Assistant Professor of Mathematics

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📍 5441 Hwy 20 NE, Cartersville, GA 30121

- EDUCATION

2016 **MS in Mathematics**, University of West Georgia

2013 **BS in Mathematics**, Kennesaw State University

- PROFESSIONAL APPOINTMENTS

Present
August 2021

Assistant Professor of Mathematics, GEORGIA HIGHLANDS COLLEGE,

- > Taught at least fifteen credit hour load each fall and spring.
- > Advised between twenty to thirty undergraduate students per semester.
- > Organized the assessment of the gateway mathematics courses to provide a baseline for future assessment and reporting.
- > Created schedules for the Division of Physical Science and Mathematics in the absence of a division chair from Spring 2022 through Fall 2022.
 - > Changed the learning support mathematics model from a comingled model to a cohort model.
- > Coordinated STEMFIT camps and departmental exemption exams after the conclusion of the University System of Georgia's STEM Grant.
- > Negotiated the continuation of an agreement with Pearson to keep the price of MyMathLab and the corresponding etexts at \$40.
- > Coordinated with the Director of the Testing and Tutorial Center to create an instructor-level MyMathLab account for Georgia Highland's tutors to provide them access to the master MyMathLab courses and etexts for Quantitative Reasoning, College Algebra, Precalculus, Foundation of Numbers, and the calculus series.

July 2021
August 2018

Instructor of Mathematics, GEORGIA HIGHLANDS COLLEGE,

- > Taught at least fifteen credit hour load each fall and spring.
- > Advised thirty undergraduate students in the first cohort for the college's Quest for Success advising model initiated through the quality enhancement plan.
- > Created schedules for the Division of Mathematics and Computer Science for Spring 2019 through Fall 2019.
- > Participated in Gateways to Completion for Quantitative Reasoning and College Algebra using division endorsed class wrappers.
- > Coordinated two modalities of Precalculus : Face-to-Face and Online. This led to the creation of an online master course for Precalculus that earned Quality Matters certification in 2023.
- > Assisted in the re-design of Quantitative Reasoning and its co-requisite support course.
- > Mentored faculty in the use of WebAssign, MyMathLab, and D2L's Brightspace.
- > Trained faculty for the implementation of co-requisite support courses for College Algebra and Quantitative Reasoning.

BANNER

July 2018
August 2017

Limited-Term Instructor of Mathematics, GEORGIA HIGHLANDS COLLEGE,

- > Taught at least fifteen credit hour load each fall and spring.
- > Advised students in the early-bird advising model.
- > Mentored a part-time instructor on course material in Quantitative Reasoning.

- TEACHING RESPONSIBILITIES

The following courses had full instructor responsibilities.

Georgia Highlands College	Face-to-Face	Online
Foundations of Quantitative Reasoning	1	0
Support for Quantitative Reasoning	8	2
Support for College Algebra	8	5
Quantitative Reasoning	13	1
College Algebra	21	0
Elementary Statistics	14	1
Precalculus	7	10
Applied Calculus	1	0
Calculus I	3	0
Calculus II	5	4
Discrete Mathematics	3	3
Linear Algebra	1	0

- SERVICE TO THE INSTITUTION

Spring 2024 Fall 2023	Ad-hoc Committee on Statutes, CHAIR, <ul style="list-style-type: none"> > Coordinated meetings and delegated tasks among the members of the ad-hoc committee created by the President and the Statutes and Faculty Affairs Committee. > Ensured opportunities for stakeholders to contribute feedback throughout the process. > Consulted the college's president on his vision and plans concerning the statutes. > Presented the finalized statutes to the Faculty Senate and the full Faculty.
Spring 2024 Fall 2023	Academic Assessment Committee, MEMBER,
Spring 2023 Spring 2022	Adult Learner Grant, LEADERSHIP TEAM, <ul style="list-style-type: none"> > Coordinated with other schools and divisions to create departmental exemption exams for incoming students to earn credit for courses without the costs, financial and otherwise, associated with enrolling and completing the whole course.
Summer 2024 Spring 2022	Faculty Senate, MEMBER, <ul style="list-style-type: none"> > Served as the liaison to Statute and Faculty Affairs to aid in updating the statutes of Georgia Highlands College. > Served as a representative of the Senate on the Policy and Processes Task Force. > Served on a subcommittee to draft a policy and procedure for dual enrollment student dismissal and appeals.
Spring 2022 Fall 2021	Threat Assessment Steering Committee, TEAM LEAD, <ul style="list-style-type: none"> > Created a Student Code of Conduct policy, standard, judicial process, and appeals process to better meet the needs of Georgia Highlands College.
Summer 2022 Fall 2020	Diversity Initiative Committee, MEMBER,
Fall 2021 Fall 2019	Strategic Planning Council, MEMBER, <ul style="list-style-type: none"> > Provided feedback on the strategic plan for Georgia Highlands to the Dean of Planning, Assessment, Accreditation and Research.

Spring 2022 Fall 2021	University System of Georgia STEM Grant, LEADERSHIP TEAM, <ul style="list-style-type: none"> > Recruited incoming students for the STEMFIT camp that provides them an opportunity to study for the departmental exemption exam for College Algebra and Precalculus. > Coordinated camp dates with admissions and dual enrollment. > Created a website to provide incoming and current students a landing page for the STEMFIT camp where they can find camp dates, frequently asked questions, and an online application form.
Summer 2023 Spring 2019	Policy and Processes Task Force, MEMBER (SPRING 2019 - FALL 2022), Co-Chair (Fall 2022 - Summer 2023) <ul style="list-style-type: none"> > (Co-Chair) Aided in the planning of meetings and the future of the task force. > Created policies as assigned by the chairs. > Served on Promotion and Tenure Sub-Task Force to create more modern policies and processes on promotion and tenure. Search Committees, MEMBER, <ul style="list-style-type: none"> > Division Chair - Physical Sciences and Mathematics (Spring 2022) > Division Chair - Mathematics (Summer 2021) > Assistant Controller (Summer 2019) > Instructor/Assistant Professor of Mathematics (Summer 2019, Fall 2022) > Student Life Coordinator - Paulding/Douglasville (Summer 2019)

- SERVICE TO THE COMMUNITY

Summer 2024	Grady's Teen Experience and Leadership Program, WORKSHOP CO-FACILITATOR, <ul style="list-style-type: none"> > Facilitated four workshop sessions that presented and engaged high school students with applications of mathematics in the medical field.
Present Fall 2023	GHC Mathfest, LEADERSHIP TEAM, <ul style="list-style-type: none"> > Organized a math competition for third and fourth grade students from Bartow county held on Georgia Highlands' Cartersville instructional site.
Present Fall 2020	Advisory Committee of Hiram Academy of Computer Science, MEMBER, <ul style="list-style-type: none"> > Provided input on mathematics courses needed by computer science students. > Served as the liaison between the Dean of the School of Science, Technology, Engineering, and Mathematics and the Chair of the Advisory Committee to provide Hiram students a dual enrollment opportunities within Georgia Highlands' computer science program. > Connected the appropriate people within both parties to prepare tours for Hiram students.
Fall 2022	McGarity Elementary School Spooky STEM Night, PARTICIPANT, <ul style="list-style-type: none"> > Supervised an event where students assessed their estimation abilities.
2023, 2022	First Lego League Robotics Tournament, REFEREE, <ul style="list-style-type: none"> > Ensured each teams robot met the required measurements. > Enforced the rules for each heat. > Calculated point totals for each heat. > Explained the point system to individual teams.
Spring 2018	Paulding County Schools' STEM Expo, PARTICIPANT, <ul style="list-style-type: none"> > Organized documents to present to prospective students. > Promoted Georgia Highlands' programs to prospective students.

- PRESENTATIONS

9 May 2023 Unplugging from Screens : The Benefits of Switching to Paper-Based Homework for Mathematics Courses, GHC Academic Showcase, Georgia Highlands College, Cartersville

- PROFESSIONAL DEVELOPMENT

2023 International Conference on Technology in Collegiate Mathematics - Attendee
2022 Georgia Highlands College Academic Showcase - Attendee
2021 Quality Matters Peer Review Certification - Two Courses Reviewed
2021 Faculty Learning Community - STEM Student Engagement
2021 Center for Excellence in Teaching and Learning Course : Course Design and Delivery
2020 Center for Excellence in Teaching and Learning Course : Assessing Learning with Creative Assignments
2020 Center for Excellence in Teaching and Learning Course : Active Learning while Physical Distancing
2020 Center for Excellence in Teaching and Learning Course : Copyright in the (online) Classroom
2020 Center for Excellence in Teaching and Learning Course : TiLT
2019 National Academic Advising Association Annual Conference - Attendee
2019 Gardner Institute's Teaching and Learning Academy - Attendee
2018 Center for Excellence in Teaching and Learning Course : Accessibility by Design
2018 Georgia State University's Conference on Scholarly Teaching : Global Conversation in Higher Education - Attendee
2018 Georgia Highlands College Selection Committee Chair Training
2017, 2019 Applying the Quality Matter Rubric Certification