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# Christy Glore

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## Education

Ed.D	expected 2025, Saint Mary's University of Minnesota, Leadership
M.Ed.	2020, Saint Mary's University of Minnesota, Learning Design and Technology (summa cum laude)
Certification	2001, Mercer University, Secondary Education
Graduate coursework	University of Tennessee, Analytical Chemistry
B.S.	1995, North Georgia College and State University, Chemistry (summa cum laude)

## Professional Credentials and Certifications

Chemistry Teaching Certificate, State of Virginia, 2011  
In-field Gifted Teaching Endorsement, State of Georgia, 2005  
Broad-field Science Teaching Certificate, State of Georgia, 2001

## Honors and Awards

Outstanding Chemistry Graduate Student, University of Tennessee, 1997  
Outstanding Chemistry Graduate, North Georgia College and State University, 1995

## Professional Experience

### **Science Curriculum and Assessment Manager, University of Kansas (2021-present)**

- Led a team of science content specialists through rigorous item development and test construction processes across multiple assessment programs' overlapping phases of end-to-end development cycles.
- Provided leadership and coaching to staff with regard to assessment development best practices, Evidence-Centered Design (ECD) principles, and Next Generation Science Standards (NGSS) for both the general population and for students with cognitive disabilities.
- Contributed science content and test development expertise to the creation and updating of test specifications, construct definitions, task models, and item writing guidelines.
- Communicated and collaborated across multiple functional teams to ensure the needs of state partners were met and collaborative endeavors produced successful outcomes.
- Contributed to the development of the new science Essential Elements, which bridge the three-dimensional content described by the *Framework* and NGSS Performance Expectations to academic expectations for students with significant cognitive disabilities.

### **Science Curriculum and Assessment Coordinator, University of Kansas (2018-present)**

- Led science test development efforts for the Kansas Assessment Program, as well as computer science and engineering test development efforts for Project Lead the Way's assessments, including the management of workflow for content at multiple stages of the development process, the design and delivery of training to item writers, internal staff, and external reviewers, the design and implementation of onboarding of new and contracted staff, and contributing to collaborative test designs for innovative science and

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STEM assessments, while ensuring the collective achievement of best practices and customer satisfaction.

- Prepared documentation about test development processes for technical and non-technical audiences, including technical reports, informational presentations, and instructional supports.
- Served as an internal science subject matter expert for multiple funded projects within the center for Accessible Teaching, Learning, and Assessment Systems (ATLAS), including the review of science materials, development and evaluation of learning maps in science, collaborative contributions toward research project proposals, and provision of expertise on science instruction for professional development modules.

**Senior Science Test Development Specialist, American Institutes for Research (AIR) (2012-2018)**

Managed and contributed to the development of innovative science assessment materials (summative, adaptive, alternate, and diagnostic) for clients which aligned with their curriculum and content standards, while ensuring the achievement of best practices and customer satisfaction. Specific responsibilities included:

- creating item development plans based on gap analyses, item development schedules, crosswalks between legacy and newly adopted content standards, blue print specifications based on reporting frameworks, performance level descriptors, test specification documents based on single dimensional and multi-dimensional content standards and/or scientific practices, test items and item clusters based on NGSS and single dimensional assessment standards, test forms, and style guides;
- directly collaborating with state, district, and school educators during the creation of item development plans and schedules, blue print specifications, performance level descriptors, test specification documents, assessment items and/or item clusters, item reviews, test forms, and style guides;
- facilitating teacher-attended content, bias and sensitivity, rubric and scoring validation, data review, range finding, standard setting, blue print, and performance level descriptor meetings;
- providing feedback, support, and guidance to other item writers and/or reviewers, the data analysis team, testing platform specialists, and project managers;
- utilizing technology to incorporate simulations and machine-scored items into standardized test settings;
- writing alternate text for graphics, animations, and simulations in effort to increase assessment accessibility for all students;
- managing one of two science content assessment teams to ensure on-time delivery of high-quality products to clients and stake holders;
- developing the capacity of the entire science content assessment team by providing onboard training to newly-hired and/or contracted staff, coaching employees toward performance and skill improvement, and facilitating knowledge transfer between all members of the team.

**Curriculum Specialist, Educational Options Online Learning (2011-2012)**

Supported the development of award-winning, interactive online learning courseware, which served over 250,000 students in over 1500 districts, by reviewing and editing all components of

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the Algebra and Personal Finance curricula to ensure the accuracies of both content and delivery, including the formative and summative assessment materials.

**Teacher, Georgia Public Schools (2001–2011)**

- **AP, Honors, and College Prep Chemistry Teacher**

Created, developed, and implemented both the curricular and laboratory programs for the College Prep, Honors, and AP Chemistry courses by ensuring the alignment of standards and rigor of scope and sequence, incorporating the Socratic and Inquiry methods of instruction, utilizing Best Practices, creating a variety of formative and summative assessments based on Bloom’s Taxonomy, using assessment data to remediate on both individual and class-wide levels, and obtaining as well as maintaining adequate laboratory inventory, all while managing the needs of parents, students, other teachers, and administrators.

- **Earth Science and Math Enrichment Teacher**

Created, developed, and implemented 8<sup>th</sup> grade Earth Science curriculum to be used in inclusive, multi-level classes; created differentiated lessons, activities, and assessments that allowed students to learn and progress at individualized paces; created differentiated math lessons, activities, and assessments that either enriched student knowledge beyond the minimum standards, reinforced student knowledge that met the standards, or remediated knowledge to meet the standards.

**Senior Laboratory Scientist, Georgia Environmental Protection Division (1997–2000)**

Analyzed liquid, solid, air, and tissue samples for metal contamination by using graphite furnace and flame AA, ICP-MS, and Flow Injection Hg AA; managed and analyzed large amounts of data to ensure accuracy of automated measurements and data collection; performed routine maintenance of analytical instruments.

**Employment History**

<b>2021-Present</b>	Science Curriculum and Assessment Manager, University of Kansas
<b>2018–2020</b>	Science Curriculum and Assessment Coordinator, University of Kansas
<b>2012–2018</b>	Senior Science Test Development Specialist, AIR
<b>2011–2012</b>	Curriculum Specialist, Educational Options
<b>2006–2011</b>	AP, Honors, and College Prep Chemistry Teacher, Cherokee High School
<b>2004–2006</b>	Earth Science Teacher, Duluth Middle School
<b>2001–2004</b>	Earth Science Teacher, Pinckneyville Middle School
<b>1997–2000</b>	Senior Laboratory Scientist, Georgia Environmental Protection Division