



CPAM Leadership Seminar

Visualization in a Language-Rich Mathematics Class, K-12
Jill Gough, PA 1998 Sec

Wednesday, October 15, 2025 / 1:30 PM – 4:30 PM EDT
Omni Atlanta Hotel at Centennial Park

Don't miss this opportunity to spend the afternoon prior to the opening of the NCTM Annual Meeting in Atlanta with your CPAM colleagues and **Jill Gough, PA 1998 Sec**. This seminar is the twenty-first in the series of CPAM Leadership Seminars and is made possible by a grant from Texas Instruments. CPAM gratefully acknowledges the support of TI.

Check-in begins at 1:00 PM with the program starting promptly at 1:30 PM EDT. Refreshments will be provided. Visit CPAM's webpage at <https://cpam.org/seminar25> for the latest seminar information and for additional copies of the registration form.

Visualization in a Language-Rich Mathematics Class, K-12: Great teachers know that the search for meaning occurs through pattern recognition, that learning relies on memory and attention, and all new learning passes through the filter of past experiences. If we teach at the secondary level, do we know the routines and strategies used by elementary teachers to build conceptual understanding? Do we, as secondary teachers, begin from these prior experiences to build new knowledge and skills? If we teach at the elementary level, do we know where the routines, strategies, and concepts will be applied? As the K-12 team of teachers and coaches, how might we build upon students' past experiences and prior knowledge to deepen student understanding? In this session, we will explore ways to

- Connect prior knowledge to launch new learning by exploring the K-12 trajectory.
- Apply orthographic mapping, the process of storing a word permanently in memory for instant retrieval, so that students have less relearning to do.
- Strengthen student understanding, confidence, and sense-making through retrieval practice and high-quality feedback.
- Leverage the power of visualization to build visual, symbolic, and conceptual knowledge by integrating a multi-sensory approach.

Jill Gough, Director of Teaching and Learning at Trinity School in Atlanta since 2012, facilitates professional development opportunities, builds teacher-administrator partnerships to facilitate a collaborative learning community, and leads educator observations and assessments. Jill regularly presents at the National Council of Teachers of Mathematics and the National Council of Supervisors of Mathematics. In addition, she is a National T³ Instructor. An avid sketchnote artist, Jill's sketches have been featured by the Harvard Graduate School of Education, Kennesaw State University Conference, and various other conferences.

Registration can be made via PayPal by using the link to the registration form on CPAM's website, <https://tinyurl.com/CPAMSeminar25>, or by completing the registration form below and mailing it with a check to Denise I. Griffiths, CPAM Leadership Seminar Coordinator. If you have any questions on registration, contact Denise I. Griffiths at dgriffit@udel.edu.

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| CPAM is offering this session in three formats: in-person in Atlanta, from 1:30 – 4:30 PM EDT, via Zoom from 1:30 – 4:30 PM EDT, and asynchronously. |
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Registrations must be received by October 5, 2025.

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CPAM Leadership Seminar Registration Form

Wednesday, October 15, 2025 / 1:30 PM – 4:30 PM EDT

Jill Gough's session will be open to a limited number of non-awardees to attend as guests of attending CPAM members. **A CPAM member may bring one guest.** Both the CPAM member and the guest should register on the same form.

Check the appropriate box(es).

- ☐ \$15 . . CPAM member registration fee
- ☐ \$45 . . Nonmember registration fee for awardees (includes membership for 7/1/25 – 6/30/26)
- ☐ \$45 . . Guest registration fee

AWARDEE INFORMATION - Please print legibly.

Name _____ First Name/Nickname for Badge _____

Year & State of Award _____ Circle elementary or secondary.

Circle appropriate grade band: K-12 K-4 5-8 9-12

Personal phone number/area code _____

Email address _____

☐ Will attend in Atlanta ☐ Will attend via Zoom ☐ Will participate asynchronously

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GUEST INFORMATION - Please print legibly.

Name _____ First Name/Nickname for Badge _____

Circle appropriate grade band: K-12 K-4 5-8 9-12

Personal phone number/area code _____

Email address _____

☐ Will attend in Atlanta ☐ Will attend via Zoom ☐ Will participate asynchronously

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Please make the check(s) payable to CPAM, Inc. Mail the check and a copy of the completed registration form to

Denise I. Griffiths
CPAM Leadership Seminar
2705 Marklyn Drive
Wilmington, DE 19810

Cell: 302-354-0270
Fax: 302-475-7971
Email: dgriffit@udel.edu

Confirmations will be emailed upon receipt of registration. Requests for refunds after the registration deadline, October 5, cannot be honored.

Registrations must be received by October 5, 2025.