



*...accelerating achievement in math, science and English*

## Content Directors

**Lew Acampora, Science:** After 21 years of teaching secondary school chemistry, physics, and mathematics at independent schools in North Carolina, California, and Kentucky, Lew joins KSTC as Science Director for AdvanceKentucky. During his tenure as a classroom teacher, nearly all of Lew's students consistently earned qualifying scores on Advanced Placement\* examinations in chemistry, physics, and calculus. He has acted as a reader, table leader, and question leader for the AP Chemistry program, and is a College Board consultant in chemistry. Lew has also developed curricular materials for chemistry education, helping to develop commercial molecular modeling software and integrating the laboratory component of science courses into the content. He is currently a member of the PRAXIS test development committee in middle school physical science and has presented workshops at regional and national conferences. Lew earned a BA in chemistry from Harvard and has completed graduate work at UNC Charlotte and Brandeis University. His expertise in successfully teaching science at the secondary level will support the efforts of the AP Science teachers schools participating in AdvanceKentucky.

**Monique Morton, Math:** Before relocating to become Math Content Director for AdvanceKentucky, Monique Morton taught high school mathematics in a Washington, DC public school for over 20 years. During that time, nearly all of her AP Calculus AB and BC students took the Advanced Placement examination and the majority of those students earned qualifying scores of 3 or above. Monique has served on several committees and writing teams, including the AP Calculus Test Development Committee and the SAT Mathematics Test Development Committee. She is a College Board consultant for AP and Pre-AP mathematics and has been a reader, table leader, and question leader for the AP Calculus reading. Monique earned a BS in mathematics from the College of William and Mary in Virginia and completed graduate courses in mathematics and education at several Washington, DC area institutions including Georgetown University, George Washington University, American University, and Howard University.

**Tina Rose, English:** Tina Rose comes from a multi-faceted background which spans 12 years in education. Tina taught high school English including AP Language and Literature and most recently worked at the Kentucky Department of Education organizing, developing and delivering presentations for state and international conferences. She comes to KSTC with a BA in teaching Secondary English from UK and an MA in Linguistics from UofL. Students taking Ms. Rose's English classes showed great success in acquiring qualifying scores. During her work with the Department of Education, Tina conducted extensive analysis of the ACT test, coordinated the analysis of the test with other consultants, designed and delivered presentations on dialects in Kentucky and their effects on reading and worked with curriculum development. Tina brings to AdvanceKentucky schools her expertise in successfully teaching AP English classes, data analysis, and research.

\*Advanced Placement Program, AP and Pre-AP are registered trademarks of the College Entrance Examination Board, which was not involved in the production of this program.



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## Role of AdvanceKentucky Content Directors

The **AdvanceKentucky Content Directors** provide curricular support in Mathematics, Science, and English (MSE) in participating schools. These master AP teachers solicit and welcome requests to help organize and deliver customized teacher PD to assist program growth as needed. In this role, directors assist and mentor Lead Teachers who serve in support of other AP and Pre-AP teachers to implement the NMSI model. This includes conducting vertical team meetings (four per year) and student prep sessions (three per year). Directors offer access to NMSI's national network of experts and work with participating teachers to develop and organize online communities that network subject-area teachers to address common issues. In support of the NMSI Model, Directors help ensure consistency of subject area delivery across the state. Directors collect data, lesson plans, unit plans, and other items that can be shared appropriately among teachers in participating schools.