



Bridging the Gaps for Students with Exceptional Needs

Led by Allan Yu and Dr. Carolee Koehn

June 28 - July 1, 2010

Monday -Thursday

8:30AM - 3:30PM

Location: UCLA

Teaching mathematics to students with exceptional needs can be a daunting task. This institute will provide an intimate forum for all teachers of math (K-12) to engage in activities and discussions with the purpose of learning and sharing teaching strategies in all facets of special education.

Areas of Focus:

- Successfully implementing accommodations and modifications in a math classroom.
- Strategies for collaborating and co-teaching between the general and special education teachers.
- Intervention strategies for teaching math concepts necessary for passing Algebra and the CAHSEE.
- Differentiating instruction by teaching easier alternative algorithms that allows students to access higher level math.
- Understanding and adapting to how students with processing deficits learn math.
- Analyzing teacher practices that make it difficult for students to succeed in math – prevention vs. intervention.
- Setting up and running an effective Learning Center.

The institute is limited to 25 participants so please apply early.

Please complete and return the application form, including your personal statement no later than June 1, 2010. The fee is \$425.00. 3 quarter units are available through UCLA extension.

Apply online at:

<http://centerx.gseis.ucla.edu/math-project>

For institute questions, please contact:

Allan Yu
310-714-2366
allan@simplifymath.com

For registration questions, please contact:

Yolanda Reyna
310-825-5599
reyna@gseis.ucla.edu



Accommodations and Modifications

Graphic Organizers

Learn how to maximize the effectiveness of Graphic Organizers in the math setting. Participants will create unique and innovative tactile Graphic Organizers that will address the multi-modality learners in the classroom.

Preferential Seating

Student collaboration is an important component in math that is unused because teachers have difficulty effectively managing small groups. Learn proven strategies that enable students to work collaboratively and independently allowing the teacher freedom to work individually with students who may need more attention.

Shortened Assignments

Adjust the length of the assignments based on the individual needs of the students without sacrificing content. Participants will create a logical standards based scope and sequence that will allow instruction and content to be more meaningful.

Teacher Collaboration

Implementing the 3-Tier System of Math Intervention

RTI is mandated in many school districts, but few schools are able to successfully implement this system. Learn collaborative and time-management strategies that are pivotal to the success of any RTI program including how to create an effective learning center.

Collaboration, Co-teaching and Co-planning

ALL members in the school community that are invested in the education of students with disabilities must take responsibility in the well-being of the children. Learn strategies to help create a positive environment that fosters collaboration, co-teaching and co-planning.

Intervention vs. Prevention


Targeting the 3 Key Components of Math for Success in Algebra

There are three key components of math that are associated with a student's ability to be successful in Algebra. The majority of students with disabilities are missing these critical foundational components. Learn alternatives to traditional algorithms that allow students to successfully access the Algebra curriculum.

Targeting the Key Components of Math for Passing the CAHSEE

Maximize the efficiency of how teachers prepare students for the CAHSEE by targeting the key strands using alternative algorithms, pneumonic strategies, and a sensible approach that will help increase the passing rate and reduce stress levels.

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2010 Math Summer Institute Payment Form

2010 Summer Institutes Registration Overview

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2010 SUMMER INSTITUTES REGISTRATION OVERVIEW

A How-to for our online Summer Institutes Application. Read up quickly before you start.

Don't miss the deadline - submit and send in your payment before **June 1, 2010**.

APPLICATION PROCESS OVERVIEW

1. Apply through [the online form](#).
2. Create a user ID / password so you can start, save and come back to finish your application later.
3. Fill out the forms; make sure no * sections are blank.
4. Upload your file (see additional instructions below) in the section for the Statement of Purpose.
5. Download the [Payment Form](#), print, fill it out (prices are listed on the Online Application), and MAIL in your payment ASAP - we reserve your place when we receive your payments- so send in your payment early and don't wait until the deadline.
6. Once you finish click submit. We close registration after **June 1, 2010**.
7. Make sure to check the email list checkbox. We'll email updates to those who sign up.

ADDITIONAL MATERIALS

Your application is complete when it includes your Statement of Purpose and we receive the Payment Form with your payment. To make things easy - prepare these items before you submit.

STATEMENT OF PURPOSE FORMAT AND FILE UPLOAD INSTRUCTIONS

1. Match your Statement to the Institutes you are applying for (click to the Institute Description Pages and scroll to the last item, to read the prompts):
[MELI](#)
[Bridging the Gaps for Students with Exceptional Needs](#)
Cognitively Guided Instruction and New Teacher Methods - No Statement of Purpose needed
2. Save your file as a Word Document and name it:
"LastName_FirstName_InstituteName.doc"
3. Upload your saved file to the Online Application.

QUESTIONS?

If you have questions or need help, please [contact us](#).

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<http://centerx.gseis.ucla.edu/math-project/professional-development/summer-programs-registration/2010-summer-programs-registration-overview>[4/18/2010 3:34:59 AM]

UCLAMATHEMATICS PROJECT

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PARTICIPANT EMAIL _____

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- ☐ MASTERCARD
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CARD NUMBER _____

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AMOUNT TO BE CHARGE _____

AUTHORIZING SIGNATURE

DATE

MAIL PAYMENT FORM and CHECK -or- Completed CREDIT CARD FORM to:

UCLA Mathematics Project 2010 Summer Institutes
c/o Center X, Attn: Yolanda Reyna
1320 Moore Hall, Box 951521
Los Angeles, CA 90095-1521

Issues with Payment? Please keep a copy for your records. Contact Yolanda Reyna
(reyna@gseis.ucla.edu / (310) 825-5599) for issues regarding your payment.