

Leadership for Excellence and Renewal in Mathematics Education

Project Description and Application

Project RENEW is an exciting new project that is designed to support a leadership cadre of experienced mathematics teachers who will work together to mentor teachers new (first 5 years) to the teaching profession in the area of mathematics. It is for teachers (grades K-12) and districts in Santa Barbara and Ventura Counties. Project RENEW is funded by the National Science Foundation and is a program of the *Tri-County Mathematics Project*, based at the University of California, Santa Barbara. Project activities begin in Summer 2001.

This project is designed to be flexible in order to meet the needs of individual districts. It will:

- develop a district leadership team of experienced teachers in mathematics education;
- increase the mathematics and pedagogical knowledge of beginning and experienced teachers;
- help teachers implement the California Mathematics Standards in ways that promote students' understanding of mathematics;
- complement and extend the support beginning teachers receive through BTSA and existing district programs;
- provide the opportunity for PAR Consulting Teachers to receive professional development and support in the area of mathematics education; and
- offer professional development in mathematics education for substitute teachers.

Program Operation

Thirty experienced teachers - called Preceptors - receive intensive mathematics professional development over a three-year period. [A *preceptor* is an experienced teacher who works with new teachers to develop their expertise — in this case in the teaching and learning of mathematics.].

Preceptors participate in district teams of 2-4 teachers and, with the support of Project RENEW staff, develop and implement strategies to mentor beginning teachers in their district in mathematics education.

Each preceptor mentors 2-5 *beginning* teachers (defined as teachers in their first **five years** of teaching), depending on their teaching load.

Preceptors mentor beginning teachers by making classroom visitations, coaching, and conducting after-school *Math Education Professional Seminars* that provide mathematics professional development and support for the participating beginning teachers..

Mathematics Education Institutes that are 3-5 days are planned and conducted by preceptors and Project RENEW staff for all interested beginning teachers in participating districts.

Two days each year of math education professional development will be offered to substitute teachers that work in participating districts.

An evaluation team will gather and analyze data regarding the effect of the project on participating teachers and their classrooms and will report their findings throughout the project.

For Questions or Interest in Participation contact:

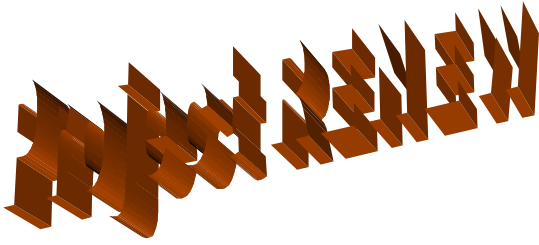
Nancy Terman at: Phone: 805-893-3190 or Email: terman@math.ucsb.edu

Project Funding

Project RENEW is a five-year project. The chart below shows how National Science Foundation (NSF) funds will be used to support the activities of this project and the matching funds required by districts to support their beginning teachers.

Project Year	Project Activities (Requiring Stipends or Release Time)	Funded by NSF	Funded by Districts
Year One	10 Day Summer Institute + 6 Academic Year Seminar days for Preceptors	16 days	
	Release time for Preceptors for Classroom Visits and Coaching	3 days	
	Academic Year Stipend for Preceptors	\$1000	
	Release time for Beginning Teachers to visit classrooms		3 days
	Stipends for Beginning Teachers to attend after school (1 – 1/2 hrs each) professional development -14 meetings		4 days
	Stipends for 60 substitute teachers to attend Math Professional Development 2 days each year	120 days	
Year Two	4 Day Residential Summer Retreat + 6 Academic Year Seminar days for Preceptors	10 days	
	Release time for Preceptors for Classroom Visits and Coaching	3 days	
	Academic Year Stipend for Preceptors	\$2000	
	5 Day Summer Institute at UCSB for 30 teachers with stipend or 3-Day Institute in District	3 –5 days	
	3 Days Follow-up to Beginning Teacher Institutes		3 days
	Stipends for Beginning Teachers to attend after school (1 – 1/2 hrs each) professional development -14 meetings		4 days
	Stipends for 60 substitute teachers to attend Math Professional Development 2 days each year	120 days	
Year Three	5 Day Summer Institute + 4 Academic Year Seminar days for Preceptors	9 days	
	Release time for Preceptors for Classroom Visits and Coaching	3 days	
	Academic Year Stipend for Preceptors	\$2000	
	Professional Development in districts for Begin. Teachers		3 days
	Stipends for Beginning Teachers to attend after school (1 – 1/2 hrs each) professional development -14 meetings		4 days
	Stipends for 60 substitute teachers to attend Math Professional Development 2 days each year	120 days	

In Year Three a new cohort of preceptors and beginning teachers will begin their participation in the project. Participation for this Cohort II (Years Three – Five of the project) is the same as shown for Years One - Three above.



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Application for Preceptor

Project RENEW is an exciting opportunity to be part of a learning community of 30 knowledgeable and experienced K-12 mathematics teachers and to make a difference in the professional lives of beginning teachers in your school or district

What is involved in being a Preceptor?

A *preceptor* is an experienced teacher who works with new teachers to develop their expertise — in this case in the teaching and learning of mathematics. In Project RENEW, preceptors participate in a three-year leadership program that provides professional development in mathematics content, mathematics pedagogy, equity and access issues in mathematics education, and the development of strategies for effectively mentoring beginning teachers. They will have the opportunity, with support from project staff, to take leadership in mentoring and providing professional development in mathematics for beginning teachers in their district.

District Teams. Preceptors participate in Project RENEW in district teams of 2 – 4 teachers. Each team will develop a plan in mathematics education that complements and enhances existing district plans for mentoring beginning teachers.

The Program for Year One

Summer 2001. The project begins with a ten-day *Leadership Institute in Mathematics Education* for 30 preceptors. Institute activities include: mathematics learning, discussion of current issues, articles, and research in math education, examination of student work and video cases, community building, and fun!

Dates of the Leadership Institute: Monday, July 23 – Friday, August 3, 2001.
Weekdays from 8:30 a.m. – 3:30 p.m..

Location: University of California, Santa Barbara

Academic Year Program. Each preceptor will mentor a small group of beginning teachers (2-4) in their school or district. The district and its preceptor team will work together to determine which beginning teachers will have the opportunity to be involved. Resources are provided for classroom visitations and coaching and each district team of preceptors will plan and conduct 1-1/2 hour meetings during the school year that provide professional development and support for beginning teachers in mathematics education.

Preceptors meet together for *six full-day leadership seminars during the academic year* to continue their mathematics learning, share ideas, refine plans for mentoring beginning teachers, and discuss related issues. (Meeting dates set by the group.)

Stipend for Year One: \$750.00 in summer; \$1000.00 during academic year. *UCSB Extension Credit is available .*

The Program for Years Two and Three

Year Two of Project RENEW includes a four-day residential Leadership Workshop in summer and six days of academic year seminars for the preceptors. During Year Three preceptors attend a one-week (non-residential) leadership institute in summer and 4 academic year seminars.

At the beginning of the Year Two, preceptors will work with project staff to plan and conduct a *five-day Mathematics Education Institute for Beginning Teachers* at UCSB or a similar three-day institute in their own district. The preceptors and project staff will design the program for beginning teachers for Year Three, based upon local needs and information provided by Project RENEW evaluators.

Stipend: \$2,300.00 for each of years two and three.

Application Procedure.

Applications are open to teachers in districts who agree to participate in Project RENEW. Teachers who have participated in the Tri-County Math Project and related programs (e.g. IMEDC and PRIME) are encouraged to apply but this is not a requirement. Special consideration will be given to teachers who are BTSA Support Providers, PAR Consulting Teachers, or have other responsibilities for supporting beginning teachers.

Preceptors agree to:

Attend the ten-day *Leadership Institute* during summer 2001 at UCSB: **Monday, July 23 – Friday, August 3, 2001**. Weekdays from 8:30 a.m. – 3:30 p.m..

Participate in the six Leadership Seminars during the 2001-02 academic year and the activities in Years Two and Three (described above).

Mentor a small group (2-4) of beginning teachers in your school or district in the area of mathematics education.

Work with a district leadership team to conduct after-school meetings for a small group of beginning teachers.

Participate in the program for three years.

Please complete the *Application Form for Project RENEW Preceptor* and send it with a **one-page letter of interest** telling us about yourself and why you want to participate in this project to:

Project RENEW
CECIMS/Math, UCSB,
Santa Barbara, CA 93106

FAX: (805) 893-3190

If you are interested in involving your district in Project RENEW, please contact Nancy Terman at (805) 893-3190 or email terman@math.ucsb.edu .

Application Timeline.

Applicants are encouraged to submit their applications by **July 10, 2001**. Contact Nancy Terman (above) if you intend to apply but are not able to meet this deadline.

Application Form for Project RENEW Preceptor

Applicant: Please send this form and your Letter of Interest to
CECIMS/Math; UCSB, Santa Barbara, CA 93106 OR FAX: 805-893-3026.

Part I • Personal Information and Educational Background (Please print clearly or type.)

Name _____

Home Address _____

City _____ State _____ Zip _____

Home Phone () _____ E-Mail Address _____

Ethnicity (optional)

- | | | |
|--------------------|--------------------|---------------------------|
| 1. American Indian | 2. Asian/Filipino | 3. Black/African American |
| 4. Latino/Hispanic | 5. White/Caucasian | 6. Other _____ |

School _____ District _____

School Address _____

Principal _____ School Phone () _____

Position (circle one)

1. Full-Time Classroom Teacher 2. Teacher on Special Assignment 3. Other _____

Number of Years Taught _____ Current Grade Level (s) _____ Bilingual: ____yes ____no

Part II • Administrative Support Agreement by Site Administrator

The above applicant is applying to participate in Project RENEW, a leadership project in mathematics education. She/he will be part of a district leadership team who will work together to mentor beginning teachers in the area of mathematics. The undersigned supports the applicant's participation in Project RENEW and agrees to:

- Support the preceptor in his/her efforts to mentor beginning teachers in the school or district.
- Attend two half-day leadership seminars each year with the preceptor.

Please sign and return this form to the applicant.

Signature: _____ Date: _____

Print name: _____ Title: _____



CHECK HERE IF THE SITE ADMINISTRATOR IS UNAVAILABLE FOR SIGNATURE.