

Journal of Mathematics Education at Teachers College

Fall – Winter 2010

A CENTURY OF LEADERSHIP IN
MATHEMATICS AND ITS TEACHING

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The *Journal of Mathematics Education at Teachers College* is a publication of the
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Guest Editor

Dr. Julianna Connelly Stockton

Editorial Board

Dr. Philip Smith
Dr. Bruce Vogeli
Dr. Erica Walker

Corresponding Editor

Ms. Krystle Hecker

On-Line Editor

Ms. Diane R. Murray

Layout

Ms. Sonja Hubbert

Photo Editor and Cover Design

Mr. Mark Causapin

This issue's cover and those of future issues will honor past and current contributors to the Teachers College Program in Mathematics. Photographs are drawn from the Teachers College archives and personal collections.

This issue honors Dr. Alexander P. Karp, an Associate Professor in the Program in Mathematics at Teachers College. A native of St. Petersburg, Russia who is the author of more than one hundred publications including textbooks used throughout Russia, Professor Karp represents Teachers College at meetings and conferences throughout the world as well as through his role as managing editor of the *International Journal for the History of Mathematic Education*.

Former Teachers College Professor and Mathematics Education Chair, Howard Franklin Fehr, was among the most influential mathematics educators of his era. Through his many international contacts, he was the organizer of conferences, projects, and publications including the Congresses of Mathematics Education, a seminal conference on Needed Research in the field, and curriculum initiatives including the Secondary School Mathematics Curriculum Improvement Study.

Aims and Scope

The *JMETC* is a re-creation of an earlier publication by the Teachers College Columbia University Program in Mathematics. As a peer-reviewed, semi-annual journal, it is intended to provide dissemination opportunities for writers of practice-based or research contributions to the general field of mathematics education. Each issue of the *JMETC* will focus upon an educational theme. Themes planned for the 2011 issues are: *Mathematics Curriculum* and *Technology*. *JMETC* readers are educators from pre K-12 through college and university levels, and from many different disciplines and job positions—teachers, principals, superintendents, professors of education, and other leaders in education. Articles to appear in the *JMETC* include research reports, commentaries on practice, historical analyses and responses to issues and recommendations of professional interest.

Manuscript Submission

JMETC seeks conversational manuscripts (2,000-2,500 words in length) that are insightful and helpful to mathematics educators. Articles should contain fresh information, possibly research-based, that gives practical guidance readers can use to improve practice. Examples from classroom experience are encouraged. Articles must not have been accepted for publication elsewhere. To keep the submission and review process as efficient as possible, all manuscripts may be submitted electronically at www.tc.edu/jmetc.

Abstract and keywords. All manuscripts must include an abstract with keywords. Abstracts describing the essence of the manuscript should not exceed 150 words. Authors should select keywords from the menu on the manuscript submission system so that readers can search for the article after it is published. All inquiries and materials should be submitted to Ms. Krystle Hecker at P.O. Box 210, Teachers College Columbia University, 525 W. 120th St., New York, NY 10027 or at JMETC@tc.columbia.edu

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Journal of Mathematics Education at Teachers College

Call for Papers

The “theme” of the spring issue of the *Journal of Mathematics Education at Teachers College* will be *Mathematics Curriculum*. This “call for papers” is an invitation to mathematics education professionals, especially Teachers College students, alumni and friends, to submit articles of approximately 2000-2500 words describing research, experiments, projects, innovations, or practices related to mathematics curriculum. Articles should be submitted to Ms. Krystle Hecker at jmetc@tc.edu by January 1, 2011. The spring issue’s guest editor, Nicholas Wasserman, will send contributed articles to editorial panels for “blind review.” Reviews will be completed by February 1, 2011, and final drafts of selected papers are to be submitted by March 1, 2011. Publication is expected in mid-April, 2011.

Call for Volunteers

This *Call for Volunteers* is an invitation to mathematics educators with experience in reading/writing professional papers to join the editorial/review panels for the spring 2011 and subsequent issues of *JMETC*. Reviewers are expected to complete assigned reviews no later than 3 weeks from receipt of the blind manuscripts in order to expedite the publication process. Reviewers are responsible for editorial suggestions, fact and citations review, and identification of similar works that may be helpful to contributors whose submissions seem appropriate for publication. Neither authors’ nor reviewers’ names and affiliations will be shared; however, editors’/reviewers’ comments may be sent to contributors of manuscripts to guide further submissions without identifying the editor/reviewer.

If you wish to be considered for review assignments, please request a *Reviewer Information Form*. Return the completed form to Ms. Krystle Hecker at jmetc@tc.edu or Teachers College Columbia University, 525 W 120th St., Box 210, New York, NY 10027.

Looking Ahead

Anticipated themes for future issues are:

Spring 2011	Curriculum
Fall 2011	Technology
Spring 2012	Evaluation
Fall 2012	Equity
Spring 2013	Leadership
Fall 2013	Modeling
Spring 2014	Teaching Aids
Fall 2014	Special Students

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FOREWORD

Honoring the Past—Anticipating the Future

The *Journal of Mathematics Education at Teachers College* is the reincarnation of an earlier Teachers College series entitled *Contributions to Mathematics Education*. That series dates back to the era of David Eugene Smith, the founder of the field of mathematics education, who arranged and financed the publication of Teachers College dissertations, including the first two theses in the field written in 1906 by Alva Walker Stamper and Lambert Lincoln Jackson. Financial circumstance, brought on by the Great Depression of the 1930s and World War II, and its aftermath, limited publication to selected theses. *Contributions to Mathematics Education* continued until the final volume appeared in 1970 as a tribute to Professor Myron F. Roszkopf by his doctoral graduates.

The resurrected version of *Contributions to Mathematics Education* is not devoted to the publication of doctoral dissertations, but rather is a semi-annual journal that features both practice-based and research articles of interest to today's broad spectrum of mathematics education professionals. The *Journal of Mathematics Education at Teachers College (JMETC)* should provide opportunities for peer-reviewed publication for novice as well as experienced mathematics educators. Each issue of the *JMETC* will focus upon a theme to permit contributors to prepare thematic articles for future issues. The theme selected for this issue of the *JMETC* is *International Education*. Future themes include *Curriculum* (spring 2011), *Technology* (fall 2011), and *Evaluation* (spring 2012). All issues and themes will emphasize mathematics and its teaching.

While *JMETC's* Editorial Board cannot hope to match the skill and wisdom of previous sponsors of the series *Contributions to Mathematics Education*, including David Eugene Smith, John Roscoe Clark, William David Reeve, and Howard Franklin Fehr, we hope our colleagues in the community of mathematics education professionals will find the contributions by the authors of *JMETC* articles useful additions to the growing body of literature in the field.

J. Philip Smith
Bruce R. Vogeli
Erica Walker