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a. Professional Preparation

Kazan State Pedagogical University (Kazan, Russia)	Pedagogy of Mathematics	Ph.D. (1996)
Kazan State Pedagogical Institute (Kazan, Russia)	Pedagogy of Mathematics	M.A. (1987)
Turkmen State Pedagogical Institute (Chardjou, Turkmenistan)	Mathematics Education	B.A. (1980)

b. Appointments

2004-present	Associate Professor, Mathematical Sciences and Teacher Education, The University of Texas at El Paso (El Paso, TX)
2000-04 (Fall)	Associate Professor, Teacher Education, The University of Texas at El Paso (El Paso, TX)
1998-99	Visiting Scholar, Comparative Mathematics Education, The Ohio State University (Columbus, OH)
1997-98	Professor, Higher Mathematics, Kostroma State Technological University (Kostroma, Russia)
1994-95	Fulbright Research Scholar, Curriculum and Instructional Development, Case Western Reserve University (Cleveland, OH)
1992-97	Professor and Chair, Higher Mathematics, Tatar-American Regional Institute at Kazan (Kazan, Russia)
1985-92	Research Associate, Comparative Mathematics Education, Research Institute of Professional Education (Kazan, Russia)

c. Main Publications

The complete list of publications includes 7 books, 10 book chapters, 47 articles in referred journals, and 44 papers and presentations.

Supporting and strengthening standards-based mathematics teacher preparation. Guidelines for mathematics and mathematics education faculty. Austin, TX: The University of Texas at Austin, 2004. 112 p. (member of advisory committee, authors: L. Beverly, T. Bryan, K. Childs, at al).

America Learns to Count: Innovations in the US School Mathematics. Riga, Latvia: Experiment, 2001. 209 p.

Visual Mathematics. Kazan, Russia: ABAK, 1997. 85 p.

Representation and Cognition: Internalizing Mathematical Concepts. In *Representations and Mathematics Visualization*. Editor F. Hitt. Mexico: PME-NA - Cinvestav-IPN, 2002. Pp. 207-219.

Preparing teachers for a new challenge: Teaching Calculus concepts in middle grades. *Proceedings of the Second International Conference on the Teaching of Mathematics (at the undergraduate level)*, 2002, Hersonissos, Crete, Greece (co-authors: S. Blake, A. Duval).

Cognitive mechanism of constructive activity development. *Proceedings of Psychology of Mathematics Education-International (PME-25) Annual Conference*, 2001, Utrecht, The Netherlands, Vol. #4. Pp. 249-258.

Method of Cognitive Symmetry: Mechanism of Interrelationship between External and Internal Representations. *Proceedings of PME-NA, V. 1*, 2000, Tucson, AZ. Pp. 85-91.

The Role of Representation(s) in Developing Students Mathematical Understanding. *Theory into Practice: Realizing Reform in School Mathematics*. Spring 2001, Vol. 40, #2. Pp. 118-127 (co-author: S. Pape).

d. Synergetic Activities

- 2001-present** Advisory Board member for FIPSE project “Supporting and Strengthening Standards-based Mathematics Teacher Preparation” (Austin, TX)
- 2000–2003** Center for Effective Teaching and Learning (CETaL) Fellow, University of Texas at El Paso (El Paso, TX)
- 2000-present** Research on Cognition and Visualization, Development of Visual Math Web-page (http://dmc.utep.edu/mouratt/vis_math/visual.html), University of Texas at El Paso (El Paso, TX)
- 1997-98** Research on Innovative Technologies in Mathematics Education, Kostroma State Pedagogical University (Kostroma, Russia)
- 1992-97** Research on Integrated Instructional Systems in Mathematics Education, Tatar-American Regional Institute at Kazan (Kazan, Russia)

e. Collaborators & Other Affiliations

Pacheco, A., Center for Research on Educational Reform, UTEP, El Paso, TX
 Blake, S., Department of Teacher Education, University of Texas at El Paso, TX
 Hughes-Hallett, D., Department of Mathematical Sciences, University of Arizona, AZ
 Presmeg, N., Department of Mathematics, Illinois State University, Normal, IL
 Pape, S., School of Teaching and Learning, Ohio State University, Columbus, OH
 Atanassian, S., Department of Mathematics, Moscow City Pedagogical University, Russia

f. Honors and Awards

- 2003** Excellence in Scholarship Award, College of Education, UTEP (El Paso, TX)
- 2001** Excellence in Teaching Award, College of Education, UTEP (El Paso, TX)
- 2000** CETAL Fellow, University of Texas at El Paso (El Paso, TX)
- 1994** International Fulbright Award, USIA (Washington, DC)
- 1994** Distinguished Professor, Tatar-American Regional Institute at Kazan (Kazan, Russia)
- 1980** Bachelor’s Diploma in Mathematics Education with High Honors, Turkmen State Pedagogical Institute (Chardjou, Turkmenistan)