

A Brief History of

V M A T Y C



**Virginia Mathematical Association
of Two-Year Colleges**

Celebrating 20 Years 1986-2006

Third Edition Published March 2006
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VMATYC's Second Historian

First Edition Published April 1996
Second Edition Published April 1999
By Martha T. Clutter
VMATYC's First Historian

The 1999 edition of the VMATYC History was dedicated to Mr. Glenn Fox, former faculty member at Central Virginia Community College and VMATYC President, 1991 - 1993.

Glenn Fox attended the 1986 organizational meeting and became a charter member of VMATYC. He served as Vice President of the Central Region from 1989 to 1991, President from 1993 to 1995, and Past President from 1993 to 1995. He organized and hosted several workshops and conferences including the 1990 VMATYC annual conference. He was serving as the coordinator for the 1998 annual conference when he passed away a week before the conference on April 10, 1998. VMATYC lost one of its most active and dedicated leaders.

One of Glenn's proudest accomplishments was the VMATYC Scholarship, which he authored and helped to implement. At the 1998 conference, the scholarship was officially renamed the Glenn Fox VMATYC Scholarship.

A Brief History of VMATYC

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Beginnings

On April 26, 1986, using a VCCS Funds for Institutional Excellence grant, PVCC hosted a regional meeting for two-year college mathematics faculty across Virginia. Forty-one persons attended this meeting, representing 13 community colleges and the University of Virginia. Two major developments occurred as a result of this meeting. The first was the request to VCTM to include a two-year college person on their Executive Board. (This request was pursued and resulted in VCTM's adding a new Board position for a two-year college representative; Martha Clutter was the first two-year college representative on the VCTM Board.) The second major development was a strong desire to form a state organization for two-year college mathematics faculty.

During the summer of 1986 Martha Clutter contacted Donna Szott (AMATYC Mid-Atlantic Vice President) and Cheryl Cleaves (AMATYC Secretary) to determine the procedures to follow in forming an affiliate organization. In September 1986 Martha attended the Maryland affiliate (MMATYC) meeting to confer with their officers.

On October 24, 1986, an organizational meeting was held at PVCC to form **VMATYC**, the **Virginia Mathematical Association of Two-Year Colleges**. Attending that meeting were Owen McKinnie and Edith Ruben of NRCC; Glenn Fox and Randy Sowell of CVCC; Jon Bell, Martha Clutter, John Fogelgren, Susan Pittman, and Margaret Willis of PVCC; Shirley Johnston of JSRCC; Bill Hackman of RCC; and Warren Fightmaster of VWCC. At this meeting a draft of the constitution was reviewed, the state was divided into four geographic regions, plans were begun for a spring meeting and membership drive, and a temporary slate of officers was selected. The organizational slate of officers for VMATYC was:

President	Martha Clutter	PVCC
Vice Presidents		
North	Bill Hackman	RCC
Central	Randy Sowell	CVCC
East	Shirley Johnston	JSRCC
West	Edith Ruben	NRCC
Secretary	Susan Pittman	PVCC
Treasurer	John Fogelgren	PVCC
AMATYC Delegate	Shirley Johnston	JSRCC

Jon Bell was selected as Newsletter Editor. News of the forming of the new organization was disseminated statewide and a membership drive was begun.

Shirley Johnston and Martha Clutter represented VMATYC at the AMATYC conference in San Francisco in October 1986. On November 12, 1986, VMATYC was officially recognized as the 23rd affiliate of AMATYC.

1987 - 1989

The first annual meeting of VMATYC was held on April 25, 1987, at PVCC in Charlottesville. At that time there were 59 members. The keynote speaker was Dr. Douglas Costa of the University of Virginia. Special guest was Donna Szott, AMATYC Mid-Atlantic Vice President, who brought an official welcome from the AMATYC Executive Board.

The officers elected for 1987 - 1989 were

President	Martha Clutter	PVCC
Vice Presidents		
North	Thomas Tredon	LFCC
Central	Warren Fightmaster	VWCC
East	James Newsom	TCC
West	Edith Ruben	NRCC
Secretary	Susan Pittman	PVCC
Treasurer	John Fogelgren	PVCC
AMATYC Delegate	Shirley Johnston	JSRCC

Jon Bell continued as Newsletter Editor.

Contact persons were obtained for each community college campus to help spread the word about VMATYC. Membership began to increase after this conference, reaching 86 by May 1987 and 91 by November 1987.

The 1988 VMATYC conference was held at VWCC in Roanoke on May 8, 1988. Membership continued to grow, reaching 104 by December 1988.

The 1989 VMATYC conference was held jointly with the MAA section meeting at TCC-Virginia Beach on April 21-22, 1989. Karl Smith, AMATYC President and textbook author, was the keynote speaker.

1989 - 1991

VMATYC officers for 1989 - 1991 were

President	Gayle Childers	JSRCC
Vice Presidents		
North	Ellyn Santi	NVCC
Central	Glenn Fox	CVCC
East	Sandra Dashiell	TNCC
West	Edith Ruben	NRCC
Secretary	Thomas Tredon	LFCC
Treasurer	Margaret Willis	PVCC
AMATYC Delegate	Martha Clutter	PVCC

Jon Bell continued as Newsletter Editor.

In October 1989 the AMATYC conference was held in Baltimore. VMATYC assisted MMATYC by staffing the Advanced Registration table. Many VMATYC members help work the table.

The 1990 VMATYC Conference, "A View for the Future: Mathematics for the 1990s," was held March 30-31 at CVCC in Lynchburg and was the first thematic conference. This meeting was also the first to hold workshops on Friday evening for those attendees who drove in early.

The 1991 VMATYC conference was held at NRCC in Dublin on April 5-6 with the theme "Beyond the Frontier in Mathematics Education." Dr. David Pierce, VCCS Chancellor and former mathematics educator, was the keynote speaker. Two amendments were proposed to the Constitution to add the Past President and President-Elect as officers of VMATYC. The amendments were subsequently approved by a mail ballot of the membership.

VMATYC formed a committee structure at the 1991 meeting. Committees begun at this meeting were: Developmental Studies, Assessment and Placement, Technical Math, New Technology, Math Contest, Scholarship, and Newsletter.

A contest was also announced to develop an official logo for VMATYC. The winning design, shown on the cover of this document, was submitted by Sanford Smith of JSRCC.

By May 1991 VMATYC membership had grown to 105.

1991 - 1993

VMATYC officers for 1991 - 1993 were

President	Glenn Fox	CVCC
Vice Presidents		
North	Barbara Poulson*	BRCC
Central	David Schultz	VWCC
East	Sandra Dashiell	TNCC
West	Larry Liddle	WCC
Secretary	Calvin Holt	PDCCC
Treasurer	Margaret Willis	PVCC
AMATYC Delegate	Gayle Childers	JSRCC

Jon Bell continued as Newsletter Editor. (*Barbara resigned her VMATYC office in the fall of 1991 when she went on leave. The Board appointed June Naclerio of NVCC as her replacement.)

The 1992 VMATYC Conference, "Being Positive About Mathematics," was held at NVCC - Annandale on March 26-27. Charles P. (Pat) McKeague of Cuesta College (CA) was the keynote speaker. Committees active at this time were New Technology, Technical Math, Assessment and Placement, Transfer Mathematics, and Developmental Studies. In May 1992 there were 100 VMATYC members.

The 1993 VMATYC conference, "Enhancing Classroom Instruction, Management, and Communication Through Technology," was held at the JSRCC Downtown Campus. Dr. Arnold Oliver, VCCS Chancellor, chose this meeting to announce the establishment of a systemwide pool of funds for professional development. Keynote speaker was Dr. Richard Minnix, physics professor at Virginia Military Institute. Membership in VMATYC had grown to 144 members by spring 1993.

1993 - 1995

VMATYC officers for 1993 - 1995 were

President	Margaret Willis	PVCC
President-elect	Chris Allgyer	MECC
Past President	Glenn Fox	CVCC
Vice Presidents		
North	Gene Brown	NVCC
Central	Della Hagy	CVCC
East	Gwen Turbeville	JSRCC
West	Edith Ruben	NRCC
Secretary	Calvin Holt	PDCCC
Treasurer	Larry Liddle	WCC
AMATYC Delegate	Charlotte Newsom	TCC

Jon Bell resigned after 7 years as Newsletter Editor. The newsletter responsibilities were handed over to a Newsletter Committee.

The 1994 VMATYC conference was held at BRCC on April 8-9. For the first time VCCS professional development funds paid for lodging and allowed for expenses for keynote speakers. This conference was also the first to have workshops beginning on Friday afternoon to allow for more time for interaction among attendees. Keynote speakers were Herb Gross, founding president of AMATYC, and Arnold Ostebee of St. Olaf College, a leader in calculus reform. Four committees were active: Developmental Studies, New Technology, Assessment and Placement, and Scholarship. Membership was 117.

In the fall of 1994 regional meetings of VMATYC were held for the first time at SWCC, CVCC, JSRCC (Parham Road), and GCC. The success of the regional meetings caused VMATYC to continue the regional meetings every fall in the future.

The 1995 VMATYC conference was held at TNCC on April 7-8 in conjunction with the MAA section meeting. Committees active included Scholarship, New Technology, and Assessment and Placement. A new project was announced and applicants were sought for the VMATYC scholarship, to be given to a community college student planning to major in mathematics. It was hoped that the first scholarship could be awarded for the 1995-1996 academic year.

In anticipation of VMATYC's tenth anniversary, Martha Clutter was appointed as VMATYC Historian.

1995 - 1997

VMATYC officers for 1995 - 1997 were

President	Chris Allgyer	MECC
President-elect	Edith Ruben	NRCC
Past President	Margaret Willis	PVCC
Vice Presidents		
North	Kathi Fields	BRCC
Central	Sarah Martin	VWCC
East	Michael Kirby	TCC
West	Jerry Thornhill	SWVCC
Secretary	Della Hagy	CVCC
Treasurer	Randy Sowell	CVCC
AMATYC Delegate	Gwen Turbeville	JSRCC

David Patterson of MECC assumed the position of Newsletter Editor.

During the fall of 1995 regional VMATYC meetings were again held at NVCC, SWVCC, VWCC, and TCC-VB.

The 1996 VMATYC conference, “Celebrating Ten Years of Excellence in Mathematics Education,” was held April 12-13 at WCC. Keynote speaker was Dr. Monica Neagoy of Georgetown University. Committees active were Grant Writing, Technology, Scholarship, and Developmental Studies. The first VMATYC scholarship was awarded to Melissa Bibb Harris of PVCC (sponsored by Daria Giffen). Alternate was Sara Kight of DCC (sponsored by Claude Moore). (Note: Melissa withdrew from classes and the scholarship was subsequently award to Kight.) Special guest was Dr. Bernadette Black, VCCS director of professional development, who made special awards to the past presidents at the luncheon.

The 1997 VMATYC conference, “Celebrating the *Crossroads in Mathematics*,” was held April 11-12 at DCC. Keynote speaker was Gary Getchell of Cape Cod Community College. Active committees were Grant Writing, Scholarship, New Technology, and Developmental Studies. Scholarship winner for 1997-1998 was Ronald W. Bentley of TCC-VB (sponsored by Michael Kirby).

1997 - 1999

VMATYC officers for 1997 - 1999 were

President	Edith Ruben	NRCC
President-elect	Gwen Turbeville	JSRCC
Past President	Chris Allgyer	MECC
Vice Presidents		
North	Linda Taylor	NVCC
Central	Sarah Martin	VWCC
East	Cathy Hoffmaster	TNCC
West	Clark Fleming	VHCC
Secretary	Della Hagy	CVCC
Treasurer	Randy Sowell	CVCC
AMATYC Delegate	Pansy Waycaster	SWVCC

Sandie Dashiell, Judi Donaldson, and Beverly Phillips, all of TNCC, jointly assumed the duties of Newsletter Editor.

Fall 1997 regional meetings were held at NVCC, VHCC, TNCC, and VWCC.

The 1998 VMATYC conference, “Confronting the Challenges of Technology,” was held April 17-18 at CVCC. Keynote speaker was Agnes Azzolino, president of Mathematical Concepts, Inc., and a faculty member at Middlesex CC (NJ). The 1998-1999 scholarship winner was Victoria Campbell of CVCC (sponsored by Kathy Spradlin). Also announced was the development of the VMATYC Web site, managed by Randolph Joe of JSRCC. The address was <http://nthsrv2.jrs.cc.va.us/vmatyc>.

VMATYC was saddened by the death of past president Glenn Fox on April 10, 1998. A memorial service was held after the luncheon at the conference. The VMATYC scholarship was renamed the Glenn Fox VMATYC Scholarship in his memory.

Membership in September 1998 was 183. Fall regional meetings in 1998 were held at PVCC, JSRCC (Parham Road), VHCC, and VWCC.

The 1999 VMATYC conference, “Preparing to Teach in the 21st Century,” was held April 16-17 at PDCCC in Franklin. Keynote speaker was Bill Thomas from the University of Toledo Community and Technical College; he is a textbook author and a member of the writing team that wrote *Crossroads in Mathematics: Standard for Introducing College Mathematics Before Calculus* published by AMATYC. Attendees who arrived early Friday afternoon for the conference were treated to a tour of the Union Camp paper mill, Franklin’s largest industry.

1999 - 2001

VMATYC officers for 1999 - 2001 were

President	Gwen Turbeville	JSRCC
President-elect	Richard Watkins	TCC
Past President	Edith Ruben	NRCC
Vice Presidents		
North	John Updike	LFCC
Central	Katherine Barringer	CVCC
East	Cathy Hoffmaster	TNCC
West	Ann Bartholomay	SWVCC
Secretary	Kathy Spradlin	CVCC
Treasurer	Christy Peter Hewett	TCC
AMATYC Delegate	Elsie Harris	TCC

Claude Moore of DCC began his term as Newsletter Editor and began publishing it in an electronic format. Beginning with the October 1999 edition, VMATYC Visions was sent to most members by email rather than through the postal service.

At the November 1999 AMATYC Conference in Pittsburgh, PA, our own VMATYC member Susan Wood, Professor of Mathematics at JSRCC, was installed as President of AMATYC.

The 2000 VMATYC conference, "Mathematics: Serving the New Millennium," was held April 14-15 at MECC in Big Stone Gap. Keynote speaker was Dr. Bob Devaney from Boston University, who spoke on chaos and fractals. VMATYC membership at the time of the conference numbered 188.

Martha Clutter Goshaw, our founding Historian, left the VCCS in Fall 1999, and Gwen Turbeville appointed Calvin Holt of PDCCC to be the next Historian.

The 2001 VMATYC conference, "Community Colleges: Smoothing the Transition," was held April 20-21 at VWCC in Roanoke. Keynote speaker was Dr. Susan Wood from JSRCC and the current President of AMATYC. She spoke on "Some Perspectives on Our Profession: Transition, Anchors, and More." A current membership count of 190 was reported at the time of the conference.

2001 - 2003

VMATYC officers for 2001 - 2003 were

President	Richard Watkins	TCC
President-elect	Judy Williams	TCC
Past President	Gwen Turbeville	JSRCC
Vice Presidents		
North	Linda Taylor	NVCC
Central	Ed Polhamus	DCC
East	Cathy Hoffmaster	TNCC
West	Pansy Waycaster	SWVCC
Secretary	Randy Pittman*	JSRCC
Treasurer	Christy Hewett	TCC
AMATYC Delegate #1	Sandra Dasheill	TNCC
AMATYC Delegate #2	Chris Allgyer	MECC

* Randy Pittman resigned his position in April 2002 because of illness. The Board appointed Karen Overman of TCC as his replacement.)

The 2002 VMATYC conference, “2002: The Odyssey Continues,” was held April 12-13 at the Alexandria Campus of NVCC. Keynote speaker was Brian Smith from McGill University in Montreal, Canada. He spoke on “The Mathematician and the Graph: A Stormy Union.” There were approximately 130 VMATYC members at the time of the conference.

Several changes to the VMATYC Constitution were approved at the Business Meeting held during the 2002 conference. One major change was to split the duties of the Secretary into two positions, the Membership Secretary and the Recording Secretary.

The 2003 VMATYC conference, “Applying Our Mathematics,” was held April 4-5 at the Norfolk Campus of TCC. Opening session featured keynote speaker Dr. David Hibler, Professor of Physics and Computer Science at Christopher Newport University. He spoke on “The Quantum Computer: The Future of Computers?” Guest speaker for Saturday’s breakfast was David Wright, Professor of Physics at TCC. Dr. Wright received the SCHEV Outstanding Faculty Award in 2002, was a developer of Physics Day for Busch Gardens/Sea World, and a consultant, scriptwriter, and performer for NASA Why Files TV program. Membership had increased to 199 by conference time.

2003 - 2005

VMATYC officers for 2003 - 2005 were

President	Judy Williams	TCC
President-elect	Linda Taylor	NVCC
Past President	Richard Watkins	TCC
Vice Presidents		
North	Kevin Chouinard	NVCC
Central	Joan Tarpley-Robinson	DCC
East	Roberta Barlok	TCC
West	Will Galliher	MECC
Membership Secretary	Karen Overman	TCC
Recording Secretary	N. V. Fitton	NVCC
Treasurer	Ann Loving	JSRCC
AMATYC Delegate	Richard Gill	TCC

The 2004 VMATYC conference, “Mathematics to Meet All Needs,” was held April 2-3 at the Southwest Virginia Higher Education Center of VHCC in Abingdon. Keynote speaker was Scott Flansburg, known as the Human Calculator because he holds the Guinness World Record for adding numbers faster than an actual calculator. An AMATYC traveling workshop on Teacher Preparation was held as part of the conference program. Funds for this workshop came from a Calculus Consortium of Higher Education (CCHE) grant received by JSRCC and shared with VMATYC. One hundred sixty eight individuals held membership in VMATYC at the time of the conference.

The 2005 VMATYC conference, “Capitalize on Mathematics,” was held April 1-2 at the Parham Road Campus of JSRCC. Keynote speaker was Dr. John Berglund, Mathematics Professor at Virginia Commonwealth University. He spoke on “Mathematics in the Dark Ages.” Current membership was reported as 180.

Claude Moore resigned as Newsletter Editor in mid-2005 when he left the VCCS. Jon Wilkin of NVCC became the new Editor.

2005 - 2007

VMATYC officers for 2005 - 2007 were

President	Linda Taylor	NVCC
President-elect	Sarah Martin	VWCC
Past President	Judy Williams	TCC
Vice Presidents		
North	Kevin Chouinard	NVCC
Central	Joan Tarpley-Robinson	DCC
East	Roberta Barlok	TCC
West	Will Galliher	MECC
Membership Secretary	Susan Fleming	WCC
Recording Secretary	John Gallo	TCC
Treasurer	Ann Loving	JSRCC
AMATYC Delegate	Chris Allgyer	MECC

The 2006 VMATYC conference, “Going the Distance with Mathematics,” was held March 31 - April 1 at the Fredericksburg Campus of GCC. Keynote speaker was Dr Abigail James, Adjunct Professor of Psychology at GCC. She spoke on the topic, “How Gender Differences Affect the Teaching of Mathematics.” Membership in VMATYC was reported as 184 at the time of the conference.

Calvin Holt, PDCCC, notified the Board of his resignation of his position as Historian as of April 2006. Frank Borleske, LFCC, agreed to accept the position of Historian.

VMATYC Annual Conferences

1. **1987** Piedmont Virginia Community College
2. **1988** Virginia Western Community College
3. **1989** Tidewater Community College, Virginia Beach
4. **1990** Central Virginia Community College
5. **1991** New River Community College
6. **1992** Northern Virginia Community College, Annandale
7. **1993** J. Sargeant Reynolds Community College, Downtown
8. **1994** Blue Ridge Community College
9. **1995** Thomas Nelson Community College
10. **1996** Wytheville Community College
11. **1997** Danville Community College
12. **1998** Central Virginia Community College
13. **1999** Paul D. Camp Community College, Franklin
14. **2000** Mountain Empire Community College
15. **2001** Virginia Western Community College
16. **2002** Northern Virginia Community College, Alexandria
17. **2003** Tidewater Community College, Norfolk
18. **2004** Virginia Highlands Community College
19. **2005** J. Sargeant Reynolds Community College, Parham Road
20. **2006** Germanna Community College, Fredericksburg
- Future Conferences**
21. **2007** Thomas Nelson Community College
22. **2008** Piedmont Virginia Community College

VMATYC Presidents

1987 - 1989	<i>Martha Clutter</i>	PVCC
1989 - 1991	<i>Gayle Childers</i>	JSRCC
1991 - 1993	<i>Glenn Fox</i>	CVCC
1993 - 1995	<i>Margaret Willis</i>	PVCC
1995 - 1997	<i>Chris Allgyer</i>	MECC
1997 - 1999	<i>Edith Ruben</i>	NRCC
1999 - 2001	<i>Gwen Turbeville</i>	JSRCC
2001 - 2003	<i>Richard Watkins</i>	TCC
2003 - 2005	<i>Judy Williams</i>	TCC
2005 - 2007	<i>Linda Taylor</i>	NVCC

VMATYC Scholarship Winners

1996 - 1997	<i>Melissa Bibb Harris, PVCC</i> Sponsor, Daria Giffen <i>Sara Kight, DCC</i> Sponsor, Claude Moore
1997 - 1998	<i>Ronald W. Bentley, TCC-VB</i> Sponsor, Michael Kirby
1998 - 1999	<i>Victoria Campbell, CVCC</i> Sponsor, Kathy Spradlin
1999 - 2000	<i>Mary Alice Standifur, MECC</i> Sponsor, David Patterson
2000 - 2001	<i>Molly Cail, TNCC</i> Sponsor, Cathy Hoffmaster
2001 - 2002	<i>Cheryl Powell, TCC-C</i> Sponsor, Muriel Locke
2002 - 2003	<i>Pamela K. Burke, MECC</i> Sponsor, Will Galliher
2003 - 2004	none awarded (no qualified applicants)
2004 - 2005	<i>Ashley O'Quinn, SWVCC</i> Sponsor, William Fiess
2005 - 2006	<i>Valerie Stevens and Brittany Childress, SWVCC</i> Sponsors, William Fiess and Jerry Thornhill

Abbreviations Used

Virginia Community Colleges

BRCC	Blue Ridge Community College
CVCC	Central Virginia Community College
DSLCC	Dabney S. Lancaster Community College
DCC	Danville Community College
ESCC	Eastern Shore Community College
GCC	Germanna Community College
JSRCC	J. Sargeant Reynolds Community College
JTCC	John Tyler Community College
LFCC	Lord Fairfax Community College
MECC	Mountain Empire Community College
NRCC	New River Community College
NVCC	Northern Virginia Community College
PHCC	Patrick Henry Community College
PDCCC	Paul D. Camp Community College
PVCC	Piedmont Virginia Community College
RCC	Rappahannock Community College
SVCC	Southside Virginia Community College
SWVCC	Southwest Virginia Community College
TNCC	Thomas Nelson Community College
TCC	Tidewater Community College
VHCC	Virginia Highlands Community College
VWCC	Virginia Western Community College
WCC	Wytheville Community College

Other Organizations

AMATYC	American Mathematical Association of Two-Year Colleges
MAA	Mathematical Association of America
MMATYC	Maryland Mathematical Association of Two-Year Colleges
SCHEV	State Council of Higher Education for Virginia
VCCS	Virginia Community College System
VCTM	Virginia Council of Teachers of Mathematics

Colleges in the VMATYC Geographic Regions

<u>Northern</u>	<u>Central</u>	<u>Eastern</u>	<u>Western</u>
BRCC	CVCC	ESCC	MECC
GCC	DSLCC	JSRCC	NRCC
LFCC	DCC	JTCC	SWVCC
NVCC	PHCC	PDCCC	VHCC
PVCC	SVCC	TCC	WCC
RCC	VWCC	TNCC	