

Michael N. Cain M. Ed.

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Professional Profile

Michael Cain is a student-centred educator with over thirty-four years of classroom experience and over two decades experience in online learn applications and communities. Strong written, verbal, visual, and technological communication skills enable Michael transform complex issues and ideas into understandable concepts accessible by all types of learning styles. Michael Cain is a dynamic problem solver, who utilizes lateral thinking and divergent thought processes to enable him to develop multiple entry level mathematical problems as well as creative and understandable explanations of mathematical topics. Throughout his career, Michael Cain has worked for a variety of national and international publishers creating online learning applications and support materials. Michael utilizes all his skills and talents to make mathematics understandable and enjoyable. His specialty has been transforming mathematical students with a reluctance to learn into an enthusiastic problem solvers.

Education

2008	M. Ed. (Educational Leadership) Edinboro University, Edinboro, PA
1986	B. S. (Mathematics/Education) University of Pittsburgh, Pittsburgh, PA
1979	A.S. (Fine Art Painting) Ivy School of Professional Art, Pittsburgh, PA

Career Summary (Education)

1986-2019	Mathematics instructor 7-12, at Meadville Area High School. (retired)
2014-2018	Creator and Director of the Ben Franklin School of Industry summer camp and afterschool enrichment program for students of all ability levels ages 10-20 years old. The program brought in a collaboration of Allegheny College faculty, staff, and students, the local business community and the 25 th Masonic District of Pa.
2010	8 th grade project director for “Creating Landscapes Transitions” a creative arts and sciences Summer program for students in 6 th to 8 th grade. Dr. Janyce Hyatt executive director, John Hyatt program Director.
2008-10	Workshop facilitator “Education Innovators Workshop” and “Multi-media Classrooms Made Easy” at IU 5 Pennsylvania Department of Education.
1996	Workshop facilitator Middle School Conference of North-western PA.
1995	Workshop facilitator “Web Design for Teachers” for Crawford Central School District.
1994	Workshop facilitator “Innovative Teaching Techniques” at Second Annual Venango County Education Conference.

- 1993 Workshop facilitator “Making Math Fun” for Association of Mathematics Teachers of Northwest Pa.
- 1992 Course creator “Cutting Edge Algebra Clinic” for Crawford Central School District. Developed curriculum and text, initiated, and taught week-long seminar to 7th grade students taking algebra in 8th grade.
- 1992 Program developer “Impossible Dream Machine” for Crawford Central School District. Pioneered, developed, and initiated an after-school art program for “At Risk” youth for Crawford Central School District.
- 1992 Program developer “The Summer Academy” summer enrichment program for Crawford Central School District. Pioneered, developed, initiated course offerings for enrichment of middle school students.

Career Summary (Media)

Publications, Videos, Electronic Media

- 2021-2022 Creator, and Author of “Building Successful Extracurricular Enrichment Programs” a 149-page book on the essential how-to guide for schools and communities. Misha Kidd editor. Routledge, 605 Third Avenue, New York, NY 10158
- 2008-9 Creator and Consultant for program development using interactive whiteboards for Human Relations Media products. Duties include writing content and creation notebook software applications and incorporation of video and sound into applications. Software application used Smartboard Notebook.
- 2008-9 Project Manager for Department of Professional Studies for Edinboro University of Pennsylvania. Supervisor: Dr. James Bolton Department Chairman. Duties include supervising creation intellectual content pages on university Web site. Web applications in DOT.CMS (content management system).
- 2001-7 Project Manager and program designer for interactive online activities for the textbook series “Progress in Mathematics” (Grades k-6), “We Believe” catechism series, “Phonics” textbook series, “Vocabulary Workshop” workbook series and “Content Area Readers” book series for William H. Sadlier Inc. Michael Ferejohn, director of technology for William H. Sadlier Inc.
- 2006-7 Creator, Illustrator, and Author of “Amusement Park Math” a 128-page book of standard based mathematical problem solving and reading, Lacy Elwood editor. Prufrock Press Inc., P.O. Box 8813, Waco, TX 76714-8813.
- 2005 Creator, Illustrator, and Author of “In Step with the Standards” a six-book series for grades 5 to 12 on Standard Based Test practice, mastery, and enrichment, Claudine Theim Editor in Chief, Cathy Anderson editor. Larson Learning Publisher. Larson Learning Inc. 1762 Norcross RD., Erie, PA 16510.
- 2004 Creator and Author of “Mathability” (Math in the Real World) for Prufrock Press, Dianne Draze and Sonsie Conroy editors. Prufrock Press, P.O. Box 8813, Waco, TX 76714.
- 2002 Online facilitator for PBS Teacherline Duties include: supervise and coordinate an online discussion group that focused on NCTM seminar and workshop.
- 2000 Designer and project director for 3D graphics and Blue Screen animation for three videos for Human Relations Media Project called “Good Behavior Action Pack.” Duties include bid on

project, set budget, hire 3 additional artists, work with producer, director, and animators, and outside video editing firm, layout, design, 2D and 3D illustration.

- 1999 Designer and project director for 100 interactive Web applications in mathematics for LearningWave a division of Human Relations Media.
- 1998 Author and illustrator of three mathematics activity books for LearningWave a division of Human Relations Media Pattern Quest: Logic Problems and Patterns, The Fiendish Feast of Doctor Formula: Algebra Equations and Expressions, and Crud City Caravan: Fractions, Percent, and Decimals.
- 1997 Create 4 episodes of Absurd Math, mathematical Internet applications for Human Relations Media Duties include: coordinate programmer assignments, write, illustrate, design, and layout.
- 1996 On camera instructor for One-to-One Basic Math, a four-part video series for HRM Video. Duties include on-camera instructing and acting, working with producer, director, other talent, script writing, creation of teacher base materials for product.
- 1994-1995 Creation of activities and cartoons for Scholastic Math Magazine. Duties include writing and illustrating.

Awards and Achievements

- Feb-2007 One Man Art Exhibition Meadville Council on the Art Paintings and Illustrations
- Oct 2006 One Man Art Exhibition Academy Theatre
- June 2006 Exhibition Art on the Board Walk Conneaut Lake park
- Jan-Feb-2006 One Man Art Exhibition Meadville Council on the Art Paintings and Illustrations
- 2006+07 Selected to Who's Who of Americas Educators
- 1994 Paintings selected for national juried show "Art Without Walls"
- 1993 Outstanding Young Educator Award recipient from Crawford County Jaycee's
- 1992 Pardee Excellence in Education Award recipient
- 1992 Paintings selected for international juried show "Three Rivers Art Festival"
- 1991 Paintings selected for international juried show "Three Rivers Art Festival"

Organizations

- 2016-present Member in good standing Valley of Erie Scottish Rite
Positions: Assistant Wardrobe Manager 2016-2018, Wardrobe Manager 2019-present
- 1981-present Member in good standing of Meadville Lodge 408 of Free and Accepted Masons of Pennsylvania
Positions: Treasurer of Lodge 408 2010-2015, Secretary of Lodge 408 2016-2019, and President of the Masonic Hall Association 2012 - 2018.

Web Site: <https://www.tower23.com>