

JAMES D. NICKEL

EDUCATION

Texas A&M University Graduate courses in Mathematics College Station, Texas	2006
Valley Christian University M.A. in Education Thesis: Mathematics Education Clovis, California	1986
Bethany Global University B. Th., B. Miss. in Theology and Missions Thesis: The Theology of the New Covenant Bloomington, Minnesota	1980
Fresno State University B.A. (summa cum laude) in Mathematics Areas of Concentration: Statistics and Computer Science Minor: General Business Fresno, California	1973
Reedley College A.A. in Liberal Arts Reedley, California	1971

FELLOWSHIPS

Appointed Senior Fellow, Mathematics and Education Center for Cultural Leadership Mt. Hermon, California Contributor to publications	2010
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TEACHING EXPERIENCE

Rivendell Sanctuary Lecturer: The History and Philosophy of Mathematics Consulted in syllabus development for Mathematics module Bloomington, Minnesota	2010-2011
The Potter's School Developed PreCalculus Syllabus and Course. Taught Pre-Algebra, Algebra, and PreCalculus Springfield, Virginia	2009-2012
The River Academy Developed and taught PreCalculus Syllabus and Course. Wenatchee, Washington	2005-2007
Patria Institute Dean of the School of Mathematics Designed, developed, and taught distance-learning courses and syllabi for Arithmetic, Pre-Algebra, Algebra, Geometry, and Calculus. Leavenworth, Washington	2005-2008
Fountain Centre Christian School Designed, developed and taught courses and syllabi for World History, Church History, General Science, Algebra, Geometry, and Calculus Boomeroo Centre, South Australia, Australia	1982-1987

Light Educational Ministries	1982-1987
Designed, developed and taught courses and syllabi for the History of Education, Study Skills, and Theology. Promoted Christian education via national and international conferences. Boomer Centre, South Australia, Australia	
International Christian Schools	1978-1979
Designed, developed and taught courses and syllabi for the Junior High and High School Math. Youth With A Mission, Kailua-Kona, Hawaii	

RELATED EXPERIENCE

Access Louisiana	
Database Programmer/Network Designer	2004 – 2005
Design and Implementation of database and software interface for Real Estate Abstracts using Alpha Five Shreveport, Louisiana	
Center Point Energy	
Senior Technical Analyst	1988 – 2004
Software developer: natural gas applications IBM OS/390 and UNIX COBOL/CICS/Sybase SQL, and Microsoft Transact-SQL Client/Server: NATURAL 2/ADABAS, Powerbuilder Shreveport, Louisiana	
Bethany Fellowship, Inc.	
Analyst/Programmer	1976-1978
Software Design and Development: Order Entry System for Book Publishing DIBOL Bloomington, Minnesota	
Computer Sciences Corporation	
Mathematical Analyst	1973-1975
Software developer for United States Navy flight and missile testing (F-14A Tomcat and Tomahawk Cruise Missile) Assembly Language Pt. Mugu NAS, California	

PUBLICATIONS: BOOKS

Mathematics: Exploring Beauty – Trinitarian Perspectives (2024), Sound Mind Press
The Tapestry of the Incarnation: The Infancy Narratives of the Gospels (2020), Sound Mind Press
The Dance of Number (2018), 4 volumes, Sound Mind Press (Middle school and High School mathematics curriculum)
The Incarnation of the Word and the Transformation of the Landscape of Mathematics (2012), Sound Mind Press/Center for Cultural Leadership
Solutions Manual to Calculus: A Liberal Art (2011), self-published
Lift Up Your Eyes on High: Understanding the Stars (1999), Christian Liberty Press
The Heavens Declare: Understanding the Stars (1998), Light Educational Ministries
Mathematics: Is God Silent? (1990, 2001), Ross House Books

PUBLICATIONS: ARTICLES

"The Wonder of the Pythagorean Means" (2013), www.biblicalchristianworldview.net
"The Star of Bethlehem" (2012), www.biblicalchristianworldview.net
"Yom Kippur" (2003, 2012), www.biblicalchristianworldview.net
"Jesus: The High Priest of a New Order" (2003, 2012), www.biblicalchristianworldview.net
"Father's House" (2004, 2012), www.biblicalchristianworldview.net
"Guilt, Expiation, Atonement" (2004, 2012), www.biblicalchristianworldview.net
"The Mathematics Textbooks Authored by Harold R. Jacobs" (2004, 2012), www.biblicalchristianworldview.net
"Differential Equations and Escape Velocity" (2011), www.biblicalchristianworldview.net
"On Viewing Mathematics" (2011), www.biblicalchristianworldview.net
"Did Augustine Render the Study of Mathematics as a Road to Hell?" (2011), www.biblicalchristianworldview.net
"The Resolution of a Math/Science Conundrum" (2011), www.biblicalchristianworldview.net
"The Trinitarian Foundation of Knowledge" (2011), www.biblicalchristianworldview.net

"Pi' Revealed in I Kings" (2011), www.biblicalchristianworldview.net

"Christ: The First and Upholding Principle of Creation" (2011), www.biblicalchristianworldview.net

"What About 'Pure' Mathematics?" (2011), www.biblicalchristianworldview.net

"Science and Creation: A Rare Jewel of a Book" (2011), www.biblicalchristianworldview.net

"Mathematics, Theorems, and Beauty ... Why?" (2011), www.biblicalchristianworldview.net

"The Mystery of Why Mathematics Works" (2011), www.biblicalchristianworldview.net

"Is the Bible Wrong?" (2011), www.biblicalchristianworldview.net

"Biblical Christian Scholarship?" (2011), www.biblicalchristianworldview.net

"Ponder This ... Some Thoughts on Objects in Motion" (2011), www.biblicalchristianworldview.net

"Did Galileo Recant of Copernicanism Before He Died?" (2011), www.biblicalchristianworldview.net

"Geocentrism and Inconsistent Logic" (2011), www.biblicalchristianworldview.net

"Light ... Be!" (2011), www.biblicalchristianworldview.net

"Some Thoughts on the Sovereignty of God" (2009, 2011), www.biblicalchristianworldview.net

"The Work of the Wise" (1994, 2011), www.biblicalchristianworldview.net

"Emergentology: Reformation or Apostasy?" (2010), in *Fidelity: Ethics in Unethical Times*, Center for Cultural Leadership

"Ancient Greek Science and the Rise of Modern Science" (2010), www.biblicalchristianworldview.net

"From Right Triangle to Wave Motion" (2010), www.biblicalchristianworldview.net

"Lessons from Ancient Greece: Number Theory" (2010), www.biblicalchristianworldview.net

"Archimedes: From the Law of the Lever to Formulas for a Sphere" (2010), www.biblicalchristianworldview.net

"The Discovery of the Golden Section and Other Amazing Connections" (2010), www.biblicalchristianworldview.net

"Calculating Square Roots by Hand" (2010), www.biblicalchristianworldview.net

"The Mathematics and Physics of Projectile Motion" (2009, 2010), www.biblicalchristianworldview.net

"The Third R: Restoring the Rudiments" (2009), www.biblicalchristianworldview.net

"What does $i^2 = -1$?" (2009), www.biblicalchristianworldview.net

"A Simple Proof that e is Irrational" (2009), www.biblicalchristianworldview.net

"Finding the Derivative of e^x " (2009), www.biblicalchristianworldview.net

"Finding the Derivative of the Sine Function" (2009), www.biblicalchristianworldview.net

"The Proto-Trigonometry of the Pyramids" (2009), www.biblicalchristianworldview.net

"Why Radians?" (2009), www.biblicalchristianworldview.net

"Mathematics and Language" (2009), www.biblicalchristianworldview.net

"Epistemology and Mathematical Reasoning" (2009), www.biblicalchristianworldview.net

"Functions and Mathematics" (2009), www.biblicalchristianworldview.net

"Logarithms and Large Numbers" (2009), www.biblicalchristianworldview.net

"The Beauty of Symmetry" (2009), www.biblicalchristianworldview.net

"Why Can We Count?" (2009), www.biblicalchristianworldview.net

"Mathematics and Uncertainty" (2009), www.biblicalchristianworldview.net

"Mathematics and Statistics" (2009), www.biblicalchristianworldview.net

"The Nature of Mathematics" (2009), www.biblicalchristianworldview.net

"Arithmetic Sequences" (2009), www.biblicalchristianworldview.net

"Geometric Sequences" (2009), www.biblicalchristianworldview.net

"Power Sequences" (2009), www.biblicalchristianworldview.net

"Recursion and the Fibonacci Sequence" (2009), www.biblicalchristianworldview.net

"Interpolation, Extrapolation, and the Limits of Science" (2009), www.biblicalchristianworldview.net

"What is a Googol? ... And Other Large/Small Numbers" (2009), www.biblicalchristianworldview.net

"Conic Sections: Amazing Unity in Diversity" (2009), www.biblicalchristianworldview.net

"Counting, Infinity, and the Foundation of Knowledge" (2009), www.biblicalchristianworldview.net

"A Tribute to Stanley L. Jaki (1924-2009)" (2009), www.biblicalchristianworldview.net

"The History and Mathematics of Conversions" (2009), www.biblicalchristianworldview.net

"Stillness in a Storm" (2009), www.biblicalchristianworldview.net

"The Love of God" (2009) www.biblicalchristianworldview.net

"Joy to the World" (2008), www.biblicalchristianworldview.net

"The Rainbow: Covenants and Physics" (2008), www.biblicalchristianworldview.net

"The Fundamental Theorem of Arithmetic" (2008), www.biblicalchristianworldview.net

"Mathematics and the Biblical Christian Worldview: Changing Perspectives" (2008), www.biblicalchristianworldview.net

"Saxon Mathematics Program: An Analysis" (2004, 2008), www.biblicalchristianworldview.net

"Divisibility Rules" (2007, 2008), www.biblicalchristianworldview.net

"Jesus: The Father of the Ages" (2007), www.biblicalchristianworldview.net

"Christmas Tidings: Unfolding the Meaning of Luke 2:14" (2007), www.biblicalchristianworldview.net

"Mathematics: The Utility of Beauty" (2007), www.biblicalchristianworldview.net

"Algebra and Number Systems: A Stunning Connection" (2007), www.biblicalchristianworldview.net

"Platonic Solids: Why Only Five?" (2007), www.biblicalchristianworldview.net
 "The Number of Primes: Limitless" (2007), www.biblicalchristianworldview.net
 "Proof that the Square Root of 2 is Irrational" (2007), www.biblicalchristianworldview.net
 "Dominoes and Counting" (2007), www.biblicalchristianworldview.net
 "Let it Snow" (2007), www.biblicalchristianworldview.net
 "Dr. Julia, Meet Dr. Mandelbrot" (2007), www.biblicalchristianworldview.net
 "A Case for Calculus" (2007), www.biblicalchristianworldview.net
 "Keeping Secrets" (2007), www.biblicalchristianworldview.net
 "Fractions a Plenty" (2007), www.biblicalchristianworldview.net
 "Algebra: What's It All About?" (2007), www.biblicalchristianworldview.net
 "The Power of the Continuum" (2007), www.biblicalchristianworldview.net
 "Euler's Crown Jewel" (2007), www.biblicalchristianworldview.net
 "How to Forget the Multiplication Table" (2007), www.biblicalchristianworldview.net
 "Count the Number of Legs and Divide by Four" (2007), www.biblicalchristianworldview.net
 "What is Energy?" (2007), www.biblicalchristianworldview.net
 "Proverbs and the Family" (2007), www.biblicalchristianworldview.net
 "Divine Guidance: Dangers" (2007), www.biblicalchristianworldview.net
 "Why Evil?" (2007), www.biblicalchristianworldview.net
 "The All-Encompassing Christ" (2006), www.biblicalchristianworldview.net
 "Leadership and the Curriculum" (2006), www.biblicalchristianworldview.net and *Classis*
 "Logos, Rationality, and the Quantitative Development of Scientific Law" (2005), www.biblicalchristianworldview.net
 "Education, the New Covenant, and the Holy Spirit" (2005), www.biblicalchristianworldview.net and *Classis*
 "Why Learn Math?" (2005), www.biblicalchristianworldview.net
 "Missing Pieces in Math Education" (2005), www.biblicalchristianworldview.net
 "Behind the Bible Code" (2004), www.biblicalchristianworldview.net
 "Biblical Distinctives for a Local Church" (2004), www.biblicalchristianworldview.net
 "The Gift of Tongues" (2004), www.biblicalchristianworldview.net
 "Of Stones, Summation, and Academic Sterility" (2004), www.biblicalchristianworldview.net
 "Salt and Marriage" (2004), www.biblicalchristianworldview.net
 "The Triumph of the Cross" (2004), www.biblicalchristianworldview.net
 "Clocks: The Heritage of the Christian Faith" (2003), in *Chalcedon Report*
 "Rail Ventures" (2003), in *Chalcedon Report*
 "All Authority" (2003), www.biblicalchristianworldview.net
 "The Evangel of the Kingdom" (2003), www.biblicalchristianworldview.net
 "Repenting from Foolishness" (2002), www.biblicalchristianworldview.net
 "Evangelism unto Discipleship and Dominion" (2002), www.biblicalchristianworldview.net
 "Whither Mathematics Education in the 21st Century" (2001), in *Chalcedon Report and Light of Life*
 "The Incarnation and Modern Science" (2001), in *Chalcedon Report*
 "Christmas: Dance, Thou Universe!" (1999), www.biblicalchristianworldview.net
 "Biblical Christian Meditation" (1998), www.biblicalchristianworldview.net
 "The Age of Messiah: The Cross, the Crown, the World" (1998), www.biblicalchristianworldview.net and *Light Educational Ministries*
 "Living by the Rule of Faith (Bible Study)" (1997), www.biblicalchristianworldview.net
 "Whither Charismaticsism?" (1997), in *Chalcedon Report and Light Educational Ministries* (1998)
 "Upper Class Thinking" (1997), www.biblicalchristianworldview.net and *Light Educational Ministries*
 "Science: Facts and Faith" (1996), www.biblicalchristianworldview.net
 "The Fibonacci Sequence in God's Creation" (1996), www.biblicalchristianworldview.net
 "Walking by the Spirit" (1996), www.biblicalchristianworldview.net and *Light Educational Ministries*
 "A Biblical Philosophy of History" (1996), www.biblicalchristianworldview.net and *Light Educational Ministries*
 "A Biblical Vision of Victory" (1996), www.biblicalchristianworldview.net and *Light Educational Ministries*
 "Our God Reigns" (1996), www.biblicalchristianworldview.net
 "The Future of the Kingdom" (1996), www.biblicalchristianworldview.net and *Light Educational Ministries*
 "The Kingdom of God" (1996), www.biblicalchristianworldview.net and *Light Educational Ministries*
 "Youths in Babylon: God's Purpose in Education" (1996), www.biblicalchristianworldview.net and *Light Educational Ministries*
 "Why Do the Heathen Rage?" (1996), www.biblicalchristianworldview.net and *Chalcedon Report* (1997)
 "Educating Christian Children" (1996), www.biblicalchristianworldview.net and *Light Educational Ministries*
 "A Biblical Christian Interpretation of Mathematics" (1984), www.biblicalchristianworldview.net

LANGUAGES

[English – native language]

MEMBERSHIPS

Association of Christians in the Mathematical Sciences (ACMS)