

CU Accelerate Faculty Profile

Michael W. Schulteis, Sc.Ed.D.
Associate Professor of Science Education
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Profile

Prof. Michael Schulteis has been at Concordia University since 2003 teaching in the School of Education specializing in Science and Mathematics education as well as classroom management. Prior to arriving at Concordia University he taught at the Junior High School level as a 7th grade homeroom teacher teaching multiple subjects and as a science specialist for grades 6-8. At the High School level Michael taught chemistry, biology, and honors biology as well as being a coach and the taxidermy club advisor.

Dr. Schulteis earned his Bachelor of Arts degree in 1995, California Teaching Credential in 1996 and his Master of Arts in Curriculum and Instruction in 1998 all from Concordia University, Irvine. He earned his Doctor of Science Education degree from Curtin University of Technology, Perth, Australia. His dissertation thesis was "The Condition and Effects of Evolutionary Education in the Parochial School."

Beyond his teaching duties, Prof. Schulteis serves as a Faculty Marshal at the University. Dr. Schulteis is a mentor for the American Meteorological Society Datastreme program. He is also a sought after seminar presenter and has made presentations to teachers across the United States, as well as from around the world including teachers from Korea, Japan, China, South Africa, and Australia.

Education

Doctor of Science Education Curtin University, Perth, Western Australia, 2005
Thesis title: The Condition and Effects of Evolutionary Education in the Parochial School.

Master of Arts in Education Concordia University, Irvine, CA, 1998

California Secondary Education Professional Clear Credential with Life Science Waiver
Concordia University, Irvine, CA, 1996

California Secondary Education Professional Clear Credential with Life Science Waiver Renewal
Concordia University, Irvine, CA, 2001, 2006

Lutheran Teaching Credential Concordia University, Irvine, CA, 1996

Bachelor of Arts, Biology: Pre-med Concordia University, Irvine, CA, 1995

Professional / Scholarly Presentations

Pool Parties and Bowling Balls. An article on why Lutheran educators should make science a part of their curriculum. Shaping the Future LEA Quarterly Magazine. Lutheran Education Association Magazine, Spring, 2009.

Evolution education and its effects on student science attitudes. A paper presented at the Australian Science Education Research Association annual meeting, Armidale, New South Wales, July, 2004

Emphasis given to evolution in parochial schools. A paper presented at the National Association of Biology Teachers national convention, Chicago, November, 2004

Professional Involvement & Accomplishments

In-service Presenter, Teaching Science Workshop, Bethlehem Lutheran School, Lakewood, CO, 2009

Invited Speaker, Professional Workers Conference, Lutheran Church Missouri Synod Rocky Mountain District, Breckenridge, CO, 2008

Datastreme Weather Local Implementation Team Advisor, American Meteorological Society, 2008-Present

Seminar Presenter, Motivating Students Through Inquiry Using the Models of Teaching, Urawa Lutheran School, Japan, Faulty Exchange Program, Concordia University, 2008, 2009

Invited Speaker, Do's and Don'ts of Classroom Management, Future Teacher Conference, Santiago Canyon College, Orange, CA, 2008

Doctoral Thesis Examiner, Curtin University of Technology, Perth, Western Australia, 2007

In-service Presenter, Effective Differentiated Instruction Using Models of Teaching and Science, Teacher In-service Training, Harkham Hillel Academy, Beverly Hills, CA, 2007

Seminar Presenter, American Classroom Management and Teaching, Korea National University of Education, Faulty Exchange Program, University of California, Irvine, 2007

Seminar Presenter, Science Misconceptions: How to get your students to correct understanding, Lutheran Educators Conference, Lutheran Church Missouri Synod Pacific Southwest District, Palm Desert, CA, 2007

Seminar Presenter, See The Invisible: How to teach abstract science concepts, Lutheran Educators Conference, Lutheran Church Missouri Synod Pacific Southwest District, Palm Desert, CA, 2007

Datastreme Ocean Education Resource Teacher, American Meteorological Society, 2007-Present

Datastreme Ocean Education Local Implementation Team Advisor, American Meteorological Society, 2007-Present

In-service Presenter, Effective Pedagogy in the Block Schedule, Teacher In-service Training, Lutheran High School, La Verne, CA, 2006

Seminar Presenter, Under Pressure to Teach Science, California Association of Private Schools and Organizations Conference, Long Beach, CA, 2005

Seminar Presenter, Effective Classroom Management, Urawa Lutheran School, Japan, Faulty Exchange Program, Concordia University, 2004-2007

Guest lecturer, Effective Classroom Management, Shenzhen, China, Faulty Exchange Program, Concordia University, 2004-2005

California Teacher Performance Assessment Assessor for Task 1, Concordia University, 2004-Present

WES (Water in the Earth's Systems) Local Implementation Team Advisor, American Meteorological Society, 2004-Present

Water in the Earth's Systems Resource Teacher, American Meteorological Society, 2003-Present

Mentor Teacher, Lutheran High School of Orange County, 2001-2003

Mentor Teacher, Secondary Curriculum & Instruction, Concordia University, Irvine, 2000-2002

Presenter- Science Topics:

Lutheran Church Missouri Synod, Pacific Southwest District, Teachers Conference, 1999, 2000, 2001, 2004

Lutheran Church Missouri Synod, Pacific Southwest District, Early Childhood Educators Conference, 2003

Aid Association for Lutherans, Federation Convention, 1998

Lutheran Church Missouri Synod, Pacific Southwest District, Teacher Equipping Conference, 1997

Evangelical Lutheran Education Association, Fall Teacher's Conference, 1997

Datastreme Weather Education Resource Teacher, American Meteorological Society, 1997-present

Professional Memberships:

National Association of Research in Science Teaching, 2000-Present

National Association of Biology Teachers, 1999-Present

California Science Teacher Association, 1998-Present

Expertise

- Science Education
- Teaching on a budget
- Hands-on Minds-on Teaching
- Teaching science using common everyday materials
- Eliminating fear and frustration with science

Special Interests & Activities

- Science education workshop/seminar/conference presenter
- Special interests are also areas of expertise

Courses Taught at Concordia

- EDUC 101 Introduction to Teaching Careers I
- EDUC 201 Introduction to Teaching Careers II
- EDUC 444 Secondary Curriculum
- EDUC 502 Creating Positive Learning Environments
- EDUC 522 Science and Mathematics for Elementary Teachers
- EDUC 581 TPA Practicum and Seminar: Secondary
- EDU 580 Research in Education
- EDUA 581 Administrator Research in Education
- EDR 605 Action Research
- ALA 403 Science for Teachers