

Michael Batie Ph.D.
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Education

Ph.D., Educational Administration University of California Riverside, CA	2009
M.A., Education Foundations, California State University Los Angeles, CA	1986
B.S., Physics, California State University Los Angeles, CA	1982

Appointments

Adjunct Professor Education New Media Literacy in High Need Schools (EDUC 506) Rossier School of Education, University of Southern California – This course was designed to provide candidates with the opportunities to explore an emerging body of literature where media and communication studies converge with educators, researchers, and public policy makers.	2011-2012
Lecturer Politics of Education (EDUC 280P) Graduate School of Education, University of California, Riverside - This class was a requirement for students pursuing the M.A. degree in education at UC Riverside. The course was intended to introduce future educators to the practical and theoretical aspects of the political and policy making structures of education.	2006
Part-Time Faculty Statistics and Research Methods Charter College of Education, California State University Los Angeles – Instructed graduate students in an introductory course in statistics for university nursing students.	2000 - 2002
Adjunct Assistant Professor Practitioner Team Leader DELTA Project LAUSD Charter College of Education, California State University Los Angeles - The DELTA (Design for Excellence: Linking Teaching and Achievement) project was a school reform effort funded by the Annenberg Foundation to form schools into families. As a Practitioner Team Leader my function was to serve as a Liaison between participating schools in the Crenshaw-Dorsey cluster, and Cal State LA.	1999 - 2000
Lecturer Department of Electrical and Computer Engineering, California State University Los Angeles - In this capacity I served as the instructor of freshman engineering students. In 1988 microcomputers were just entering the corporate world. I designed this class whose focus was providing operational knowledge of the hardware and software applications most relevant to future engineers.	1988 - 1994

Educational Activities

Research Consultant – Various Projects Performed quantitative methods and designs for CAMSP for the Lynwood Unified School District. Faculty climate studies for Cal Poly Pomona, NSF grant proposals for evaluation activities in STEM for the physics department at Cal State LA and consulting activities for the IMSS at Cal State East Bay	2007 - 2010
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Educational Activities

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- Charter High School Interim Director** – High Desert Academy of Applied Arts and Sciences, Victorville, CA. Functioned as instructional leader of an alternative charter high school. Taught sections of algebra and earth science. Increased school's API score by 98 points. 2008
- Research Assistant/PhD Candidate** - University of California, Riverside. Conducted research and data analysis for the English Language Development Data system. Was a team member and contributor to the State Evaluation Research Team for the CA State Beginning Teacher Support and Assessment (BTSA) Program. The final report was published in the Summer of 2008. 2003 - 2007
- Middle School Math Teacher**, View Park Prep Charter Middle School - As part of a team of teachers the number of 8th graders scoring advanced or proficient on the 2007 California State Algebra I Test was increased by 70%. 2001 - 2002
- Charter School Consultant and Advisor** – Worked with charter schools in the area of governance and startup consulting. Wrote charter proposals, and startup grants totaling \$1M for the Inner City Education Foundation Schools. Was a founding member of the Accelerated School group, and provided consulting and training for The School of Arts and Enterprise, the Los Angeles International Charter School and the Palisades Family of Schools. 1993 - Present
- Research Assistant**, Program Evaluation and Research Cooperative (PERC) California State University, Los Angeles - Performed quantitative and qualitative data analysis for a variety of evaluation/research projects for the National Institute of Health, the National Science Foundation and the California State University Office of the President. 2000 - 2003
- Middle School Math Teacher**, View Park Prep Charter Middle School - Taught middle school Math to 6th and 7th graders. Students' Stanford 9 math scores were among the highest in the Los Angeles Unified School District. Three middle schools including View Park were in a statistical dead heat for the top position. 2001 - 2002
- Research Fellow**, California Education Research Cooperative (CERC), University of California, Riverside - Assisted university faculty in research of the California Mentor Teacher Project, and Beginning Teacher Support and Assessment Project (BTSA). Extensive data analysis projects using database, statistical analysis, Microsoft, VBasic and data querying tools. 1996 - 2000
- Elementary School Teacher** Los Angeles Unified School District - Taught 5th Grade at the 99th Street Accelerated School, and 6th Grade at Vermont Avenue School. Organized the teachers from the 99th Street School that resulted in the creation of The Accelerated School (TAS), the first charter school in South Los Angeles. In 2001 TAS was recognized as the Time Magazine School of the Year. 1991 - 1992
- Graduate/Research Assistant** - California State University, Los Angeles - Assistant to the School of Education Department Chair. Projects included; Project Support Evaluation Team, Americorp, and the Teacher Enhancement Program (TEP). Performed statistical analysis using SPSS. Generated reports and presentations using software on IBM and Mac platforms. 1984 - 1987
- Adult Education Instructor, Los Angeles Unified School District Fremont High School Instructed adult school students in math science and computer vocations. 1982 - 1986

Student Science Instructor, LACBPE/LAUSD - Instructed sixth grade students in basic math, science and engineering principles for a volunteer program sponsored by the Los Angeles Council of Black Professional Engineers in the Los Angeles Unified School District. 1977 - 1978

Other Positions and Employment

University STEM Academy – CoFounder, Created a Saturday STEM Academy focused on underserved youth on the campus of the University of California, Riverside	2015 - 2016
STEMERC – LA Founder, The Science Technology Engineering and Mathematics Education Research Collaborative LLC (STEMERC) provides a forum for systematic study and joint action to resolve pressing problems in the areas of science, math, and technology (STEM) education and research	2015 - Present
STEM⁵⁴ -LA – CEO, A math, science and engineering whose mission consists of working with students on their current math coursework while scaffolding the fundamental concepts above that they have missed, thus moving students toward the conceptual understanding that is required for success in common core mathematics. (www.stem54.com)	2013 - Present
Mobile Math and Science Labs – LA, CEO - Working with faculty from Chicago State University a support program was replicated that delivers the necessary materials, supplies equipment and support personnel for the effective provisioning of hands-on math, earth science, biology, life science, physics and chemistry laboratory activities. At present Los Angeles County Office of Education Juvenile Hall facilities and charter organizations in Los Angeles county are being served (www.msl-la.com). Implemented all-day Math Science Camps in South Los Angeles	2010 - Present
TheSurfStation.com , President - Designed, marketed, and sold SurfStations, a low cost, environmentally conscious Internet appliance to provide Internet access to underserved communities (http://www.thesurfstation.com).	2005 - 2010
SuccessNet , CEO - Founded SuccessNet, the nation’s first Black owned Internet Service Provider and telecommunications firm providing Internet access, web services, network design and management, and technology training to public and private institutions.	1998 - 2010
Personal Computer Applications Development , President - Developed Artificial Intelligence software, applications for data management and telecommunications on Wide Area Networks for the healthcare, transportation, and entertainment industries. Established the first Black owned national telecommunications network, the National Black Communications Network (NBCN).	1986 - 1991
Hughes Aircraft Co. , Spacecraft Mechanical Engineer - Work consisted of special fiber optics projects in radiation hardened intra-satellite telemetry, and the integration and testing of commercial and military communications satellites.	1978 - 1982
TRW Space Systems Group , Spacecraft Technician - Integration and test of military communications and reconnaissance satellites.	1975 - 1977
Hughes Aircraft Co. , Engineering Technician - Modification and test of AWG-9 Phoenix missile fire control system and AWM-23 Test Console for F-14 "Tomcat" aircraft.	1972 - 1975

Other Positions and Employment (cont'd)

Hughes Aircraft Co., Engineering Technician - Modification and test of AWG-9 Phoenix missile fire control system and AWM-23 Test Console for F-14 "Tomcat" aircraft. 1972 - 1975

Indiana Bell Tel. Co., Central Office Technician - Shift leader for voice and data communications switching center. 1966 - 1971

U.S. Army, Power Generation Specialist - NCOIC of base power plant in Phu Lam Viet Nam for AUTODIN automated digital message switching center. Received Army Commendation Medal for meritorious service. Honorable Discharge. 1969 - 1970

Publications

Batie, M. (2018) "The Black Zero Index" (Self Published) www.thebzi.com 2018 ISBN 978-1-7923-0873-4

Mitchell, D., Yildiz, S., Batie, M. (2011) "Five Faculty Market Dilemmas Facing Community Colleges in the New Economy" Community College Journal of Research and Practice, Volume 35, Number 8 1972 - 1975

Mitchell, D., Batie, M., Mitchell, R. (2010) "The Contributions of School Desegregation to Housing" Urban Education, Volume 45 Number 2

Batie, M., (2009). Charter Schools and Market Segmentation Published doctoral dissertation, University of California, Riverside, Riverside CA

Bates Simun, P., Slovacek, S., Batie, M., Simun, M. (1996). Project Support Evaluation Los Angeles Unified School District Report #3 – Final Evaluation. California State University, Los Angeles, Charter College of Education (ERIC Document Reproduction Service No. 398291)

Batie, M., (1984). Creating an Accelerated Charter School: A Case Study. Unpublished Master's Thesis California State University Los Angeles, CA

Contributor
Mitchell, D. E., Scott-Hendrick, L., (2007). The California Beginning Teacher Support and Assessment and Intern Alternative Certification Evaluation Study Technical Report

Contributor
Slovacek, S. P., Kunnan, A. J., Hae-Jin, Kim (2002). California Charter Schools Serving Low-SES Students: An Analysis of the Academic Performance Index. Program Evaluation and Research Collaborative, California State University Los Angeles

Seminar Organizer - Whatever Happened to the Science of Social Science? – Seminar proceedings resulted in the publication of:
New Foundations for Knowledge in Educational Administration, Policy, and Politics – Science and Sensationalism. Edited by Douglas E. Mitchell (2006). Lawrence Erlbaum Associates, Inc. Mahwah, NJ

Abstracts and Publications

Oral Presentations

National/International Meetings

ESRI GIS Conference: The Relationship Between Neighborhood Housing Patterns and School Integration 2007

Mitchell, D. E., Batie, M. (2006, April). AERA Presentation: The Relationship Between Neighborhood Housing Patterns and School Integration. Paper presented at the American Educational Research Association annual meeting, San Francisco, CA. 2006

Abstracts and Publications

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Mitchell, D. E., Yildiz, S., Batie, M. (2006, April). Six Dilemmas in the Faculty Labor Market for Community Colleges. A Conceptual Framework for Research. Paper presented at the American Educational Research Association annual meeting, San Francisco, CA. 2006

AERA Presentation: Getting Results: Charter Accelerated Schools That Perform Like Elite Private Schools 2001 2006

AERA Presentation: Parent Activism as a Force for Change in Accelerated Schools 2001

Local Regional Meetings

Rand Corporation: The Relationship Between Neighborhood Housing Patterns and School Integration 2006

CSLA Student Research Symposia: "Charter Schools - A Case Study" 1994

CERA Symposium: "Implementation Problems of Project Support" 1994

Posters

National/International Meetings

AERA Presentation Beginning Teacher Support and Assessment (BTSA) Computerized Assessment Model 1997

Certificates and Licensure

U.S Army Engineers School Honor Graduate Powerman Course Diploma 1969

U.S Army Engineers School Honor Graduate Precise Power Generation Course Diploma 1969

U.S Army Engineers School Honor Graduate Power Pack Specialist Course Diploma 1969

U.S Army Engineers School Letter of Appreciation 1969

U.S. Army Basic Training Outstanding Trainee Award E Company 17th Battalion 5th Brigade 1969

Certificate of Completion "The Hour of Code" 2015

Statement of Accomplishment Stanford Online Open Edx "How to Learn Math 2013

Statement of Accomplishment Stanford Online Open Edx "How to Learn Math: For Students 2014

Emergency Long Term Single Subject Teaching Permit authorized for Mathematics 2001

Wireless Access Solutions - Advanced Technical Training Course Certificate of Completion 2000

Certificate of Completion Intel Innovation in Education "Teach to the Future 2002

Certificates and Licensure

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State of California Teaching Credential - Adult Education authorized for Basic Education, Basic Science, and Mathematics	1988 to 1993
State of California Teaching Credential Designated Subjects Vocational Credential authorized for Computer Vocations.	1987 to 1992
Certificate of Completion Unix Operating Systems, University of Southern California	1978

Professional Memberships and Activities

Board Member Inner City School District Association Inc.	Present
Member of Crenshaw Subway Coalition	Present
Executive Board Member Los Angeles Council of Black Professional Engineers	Present
President Los Angeles Council of Black Professional Engineers	2012 - 2019
Member School Site Council Crenshaw High School	2008 - 2010
Member Angeles Mesa Neighborhood Council	1985
Member Voices Neighborhood Council	1982
Committee Chairman of the Inner City School District Association	1979
Committee Chairman of the Inner City School District Association	1979 to 1982
Member of Corporate Advisory Board CSLA Minority Engineering Program	1979
President of Council of Black Engineering Math and Science Students CSLA	1979 to 1982
Member Los Angeles Council of Black Professional Engineers	1979 to Present

Honors and Awards

Encore Gen2Gen Fellowship awarded funding, coaching and support designed to boost visibility, contacts for our STEM Parents Network	2019
Service to the People of Los Angeles Recognition Award City Herb Wesson	2019
California Legislature Assembly Certificate of Recognition in STEM Education Mike Gipson	2019
City of Los Angeles Certificate of Recognition "People of Change Award" Joe Buscaino	2017

Honors and Awards

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The "People of Change Award" STEM Education	2017
CSU Dominguez Hills 2013 STEM in Education Conference Certificate of Appreciation	2013
Excell Program Service Award for the Los Angeles Council of Black Professional Engineers	2009-2011
Outstanding Teaching Assistant Award UC Riverside	2007
Boy Scouts of America Certificate of Appreciation	2007
Wet Angeles COGIC Boy Scout Troop 848 Andre Crenshaw Award	2006
Los Angeles Mayor's Certificate of Appreciation – Windsor Hills School Technology Comm.	1998
CERC Research Fellowship, University of California, Riverside	1995
Commendation Award Los Angeles Technology Connection	1991
Listed in Marquis International Who's Who in Optical Science and Engineering	1984
Outstanding Alumni Award CSLA/CBEMSS	1983
Superior Performer Award Hughes Aircraft Co.	1983
Performance Improvement Award Hughes Aircraft Co	1982
Service Award Los Angeles Urban League Independent Living Program	1980
Recipient of M. W. White Award from The American Society of Physics Students	1979
Member of Physics Honor Society	1979
Achievement Award Los Angeles Council of Black Professional Engineers	1978
U. S. Army Commendation Medal Phu Lam Viet Nam	1970
Letter of Appreciation U.S. Army engineers School Ft. Belvoir, VA	1969