

Mark J. Sidarous

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OBJECTIVE:

Seeking a position to develop, design, and deliver professional development courses for educators seeking continuing education in the area of educational technology to enhance teaching and learning.

EDUCATION:

Graduate:

- May 2012 - Masters of Educational Administration from the University of Illinois at Champaign-Urbana
- May 2007 - Masters of Secondary Education from the University of Illinois at Champaign-Urbana

Undergraduate:

- May 2002 - Bachelor of Science in Cell Biology from the University of Illinois at Champaign-Urbana

Certification:

- National Board Certified Teacher - Adolescence and Young Adulthood Science
- Illinois State Board of Education Professional Educator License (ID 2026964) Endorsements:
General Administrative (Principal certification), High School Science (Biology, Chemistry, Environmental Science), Middle School Science (General, Biological, Physical Science)
- Google Certified Educator, Levels 1 and 2, Certified Trainer (first Google Certified Trainer in Chicago)
- Khan Academy Ambassador, Adobe ConnectED Teacher, Microsoft Innovative Educator

RELEVANT COURSEWORK:

Advanced Topics in Biology (Human Genetics, Cell Biology, Microbiology, Development, Evolution, Biochemistry, Computational biology), Computer Science courses (Java, C++, Discrete Math, Data Structures), Secondary Education Courses (Special Education, Educational Psychology, Equity in Math and Science, Science Methods, Technology, Assessment, Racial and Ethnic Families in Education, Educational Technology, Literacy in Science), Various Educational Administration Courses (Instructional Supervision, Educational Law, Educational Finance, Technology, Education Reform)

WORK EXPERIENCE:

September 2006- **High School Biology, Chemistry and Computer Science Teacher**

Present Community Links High School (CLHS), Chicago Public Schools, Chicago IL

- As science department head, mentored new science teachers at our school and other neighborhood schools in standards based instruction and classroom environment
- As technology coordinator, designed and administrated school's website at <http://www.comlinkshs.org>, collected, analyzed and distributed student data to teachers, administrated user accounts and managed all school computers
- As a member of the Instructional Leadership Team, collaborated to craft school wide instructional mission, vision and policy, including the school's Continuous Improvement Work Plan (CIWP) and Multi-Tier System of Supports (MTSS) plan
- Developed three performance tasks in Chemistry for the district-wide REACH (Recognizing Educators Advancing Chicago) evaluation system for teachers
- Transitioned our school to G Suite for Education during pilot program in 2008
- Acquired external funding from multiple sources to transition our school from a single computer lab to a one device per student (1:1) computing environment in 3 years
- Collaborated on several grants to fund the construction of two science laboratories at our school to support student learning in science
- Created and led a weekly workshop series on technology in education at our school
- Presented to hundreds of teachers at science meetings at the district level

June 2017-

Professional Development Instructor

Present

Chicago Teachers Union, Chicago IL

- Designed a four-part PD to introduce novice and experienced teachers to Google Apps

- Facilitated PD in person to demonstrate effective use of technology in the classroom
 - Received positive reviews and feedback then revised PD to better meet teacher needs
- January 2017- **Educational Game Consultant and Reviewer**
Present Legends of Learning, Washington DC
 - Wrote informational text and designed art for educational games aligned to NGSS
 - Edited educational games for grammar and content errors as well as gameplay bugs
- June 2006- **Instructor with the Office for Math, Science, and Technology Education (MSTE)**
September 2006 University of Illinois, Urbana IL
 - Gave summer seminars to teachers on technology use in the classroom
 - Provided general support with a focus on biology education
- August 2005- **Integrative Biology 100 Instructor**
June 2006 University of Illinois, Urbana IL
 - Taught discussion sections of introductory biology course for non-majors
 - Worked with undergraduates in one-on-one tutoring sessions
- February 2005- **Teacher Aide in Special Education Classroom**
June 2005 Pleasant Acres Elementary School, Rantoul IL
 - Assisted teacher in preparing activities for students
 - Worked in a classroom composed of students with disabilities and at-risk students
- June 2008 - **Chicago Science Teacher Research Fellow**
August 2008 University of Illinois at Chicago, Chicago IL
 - Conducted research under Dr. Kenneth Brezinsky, Professor of Chemical Engineering
 - Wrote paper on Plasma-Assisted Synthesis of Molybdenum Carbide Catalyst
- August 2002- **Resident Specialist in Agriculture**
February 2005 University of Illinois, Urbana IL
 - Published scholarly paper in BMC Genomics on the production of microarrays
 - Administrative lab manager duties: ordering, computer and equipment maintenance
 - Wet lab procedures: microarray hybridization, electrophoresis gels
 - Class (Crop Sciences 205) administration and assistance
 - Production of soybean DNA microarrays
- December 2001- **Systems Analyst**
August 2002 Personal Care HMO, Champaign IL
 - Systems and database maintenance
 - SQL and Perl programming duties
- August 2001- **Independent Research**
May 2002 Cell and Structural Biology Department, Urbana, IL
 - Wrote Perl scripts to simulate evolution of protein networks in living cells
 - Modeled evolutionary trends of protein complexity
- August 2000- **Peer Computing Consultant**
May 2002 Residential Student Computing, Urbana, IL
 - Provided help for: Microsoft applications, Adobe applications, UNIX, FTP, Telnet
 - User support, maintenance and computer training in lab setting

ACTIVITIES AND HONORS:

- Illinois State Scholar
- Khan Academy Ambassador
- Incomplete Lists of Teachers Ranked as Excellent at UIUC
- Published two scholarly papers, one on soybean microarrays and another on synthesis of molybdenum carbide
- Recipient of Chicago Public Schools' Annual DRIVE (Delivering Results through Innovative and Visionary Education) Award for Excellence in Teaching

SPECIAL ABILITIES AND INTERESTS:

- Coursework in Spanish and Arabic languages
- Proficient in playing piano, French horn, mellophone, bass guitar, and vocals
- Member of the Lake Park High School Marching Band for 4 years, including 1996 when the band won the Bands Of America Grand National Championship

REFERENCES:

Carlos Azcoitia, Professor at National Louis University, Former Deputy Chief Education Officer in Chicago Public Schools and Former Principal at Community Links High School, 2400 S. Marshall Blvd. Chicago, IL 60623. (312)261-3121. carlos.azcoitia@nl.edu

Francisco A. Borrás, Current Principal at Spry Community Links High School, 2400 S. Marshall Blvd. Chicago, IL 60623. (773)793-4779. faborras@cps.edu

Gloria Henllan-Jones, National Board Certification/NTL Coordinator at the CTUF Quest Center, 1901 W. Carroll Ave, Chicago, IL 60612-2401. (312)329-6296. GloriaHenllan-Jones@ctuf.org

Kyla Maletsky, STEM Mentee Teacher at Spry Community Links High School, 2400 S. Marshall Blvd. Chicago, IL 60623. (719)325-6186. kmaletsky@cps.edu

Walter Taylor, Director of Professional Development, at the CTUF Quest Center, 1901 W. Carroll Ave, Chicago, IL 60612-2401. (312)329-6273. waltertaylor@ctuf.org