

Nicholas R. Chitwood, Ed.D.

DATA COORDINATOR · RIVERSIDE COUNTY OFFICE OF EDUCATION

8348 Carriage Ct. Riverside, CA 92508

☎ 559-303-7730 | ✉ nicholaschitwood@gmail.com | 🌐 www.nickchitwood.com | 📱 nickchitwood

Education

University of California, Los Angeles

Los Angeles, CA

Ed.D., EDUCATION LEADERSHIP AND POLICY

March 2018

- Dissertation: The Effectiveness of Leadership Behaviors in Influencing Data-Driven Decision-Making by Teachers
- Dissertation Co-Chairs: Mark Hansen, Ph.D. and Christina Christie, Ph.D.

University of California, Riverside

Riverside, CA

ADDITIONAL GRADUATE STUDIES

Left Dec 2013

- Policy/Leadership Coursework: Politics of Education, State/Federal Policy in Education, Education Policy Analysis, School Finance, Organization and Administration of the School
- Methodological Coursework: Qualitative Methods, Experimental Design, Statistical Inference and Hypothesis Testing, Advanced Statistics, Structural Equation Modeling, Problems in Evaluation

University of California, Riverside

Riverside, CA

M.Ed., LEADERSHIP

Aug 2019

- Project: Leadership at the Conservatory

California Statue University, Fresno

Fresno, CA

BA, MUSIC EDUCATION

May 2016

Research and Leadership Experience

Riverside County Office of Education

Riverside, CA

DATA COORDINATOR

Apr. 2018-Present

- RESEARCH AND DATA ANALYSIS
 - Developed regression model and accompanying visualizations of school-level ELA, Math, and NGSS achievement controlling for demographics utilizing R and Shiny interactive visualization toolset with a focus on identifying "Positive Outliers" for use by Instructional Services Unit
 - Compiled county-wide student CALPADS, CAASPP, ELPAC, and Collegeboard data in partnership with UC Riverside for use as part of the Haynes Foundation supported research project "Examining Disparities in Mathematics Achievement to Promote Equity"
 - Collaborated on design of and implementation of evaluation of STEMulate Student Program
- LEADERSHIP AND CONTINUOUS IMPROVEMENT
 - Reviewed district Local Control Accountability Plans, with a focus on LCAP Metrics and meeting the Increased/Improved Services requirement for unduplicated pupils
 -

Menifee Union School District

Menifee, CA

CURRICULUM AND INSTRUCTION COORDINATOR

Jun. 2016-April 2018

- RESEARCH AND DATA ANALYSIS
 - Developed regression model and accompanying visualizations of school-level ELA, Math, and NGSS achievement controlling for demographics utilizing R and Shiny interactive visualization toolset with a focus on identifying "Positive Outliers" for use by Instructional Services Unit
 - Compiled county-wide student CALPADS, CAASPP, ELPAC, and Collegeboard data in partnership with UC Riverside for use as part of the Haynes Foundation supported research project "Examining Disparities in Mathematics Achievement to Promote Equity"
 - Collaborated on design of and implementation of evaluation of STEMulate Student Program
- LEADERSHIP AND CONTINUOUS IMPROVEMENT
 - Reviewed district Local Control Accountability Plans, with a focus on LCAP Metrics and meeting the Increased/Improved Services requirement for unduplicated pupils
 -

Riverside Unified School District

TOSA - COMPLIANCE COORDINATOR

Riverside, CA

Aug. 2013-Jun 2016

- RESEARCH AND DATA ANALYSIS
 - Developed regression model and accompanying visualizations of school-level ELA, Math, and NGSS achievement controlling for demographics utilizing R and Shiny interactive visualization toolset with a focus on identifying "Positive Outliers" for use by Instructional Services Unit
 - Compiled county-wide student CALPADS, CAASPP, ELPAC, and Collegeboard data in partnership with UC Riverside for use as part of the Haynes Foundation supported research project "Examining Disparities in Mathematics Achievement to Promote Equity"
 - Collaborated on design of and implementation of evaluation of STEMulate Student Program
- LEADERSHIP AND CONTINUOUS IMPROVEMENT
 - Reviewed district Local Control Accountability Plans, with a focus on LCAP Metrics and meeting the Increased/Improved Services requirement for unduplicated pupils
 -

Presentations and Teaching Experience

CalAPA Cycle 1

Riverside, CA

CONTENT DEVELOPER FOR RCOE SCHOOL OF EDUCATION

Jan. 2020

- Created online content for Preliminary Administrative Services Credential Program
- Prepared content on accessing and understanding the California School Dashboard from a longitudinal perspective as needed for the orientation session for CalAPA Cycle 1 - Analyzing Data to Inform School Improvement and Promote Equity

Local Control Accountability Plan Workshop Series - RCOE

Riverside, CA

PRESENTER FOR LCAP WORKSHOPS ON LCAP METRICS

Aug. 2019-Present

- Presented content on developing LCAP Metrics and alignment to the California School Dashboard, as well as the development of interim metrics to monitor progress towards LCAP Goals

CALPADS Workshop - Improved Data Quality and Accuracy

Bishop, CA

PRESENTER ON CALPADS DATA QUALITY AND ACCURACY

Aug. 2019

- Presented a full day training with a focus on CALPADS for non-technical stakeholders within the education system
- Focused on developing an understanding of the accountability, assessment, and individual student context for data entry and management by site and district staff

Dashboard 101 Webinar for the Statewide System of Support

Sacramento, CA

PRESENTER FOR DASHBOARD 101 WEBINAR WITH THE CALIFORNIA COLLABORATIVE FOR EDUCATIONAL EXCELLENCE

Jan. 2019

- Served as member of content development and presentation team for Dashboard 101 statewide webinar, in collaboration with the California Collaborative for Educational Excellence (CCEE), California Department of Education (CDE), and Public Advocates
- Developed and presented content specially around understanding the Academic Indicator, as well as strategies for district and school leaders in presenting Dashboard outcomes and developing strategies to respond to those outcomes

New and Experienced Principals' Network

Sacramento, CA

PRESENTER FOR NEW EXPERIENCED PRINCIPALS' NETWORK - HOSTED BY THE LEADERSHIP INSTITUTE OF RIVERSIDE COUNTY

Jan. 2019

- Shared regular content regarding the CA School Dashboard for New and Experienced Principals to enhance school leadership capacity in responding to accountability outcomes
- Participated in one-on-one support sessions with Principals to build capacity in data analysis

TA - State and Federal Policy in Education 206B

Riverside, CA

TEACHING ASSISTANT - UC RIVERSIDE GRADUATE SCHOOL OF EDUCATION

Winter 2010

- Facilitated in-class discussion of assigned readings around

Publications

OTHER PUBLICATIONS

- Chitwood, N.R., (2020, January 17). *2019 Riverside County StudentTracker Report*. Riverside County Office of Education.
- Chitwood, N.R., (2019, January 10). *2018 Riverside County StudentTracker Report*. Riverside County Office of Education. <https://www.rcoe.us/educational-services/files/2019/01/2018-Riverside-County-StudentTracker-Report.pdf>
- Chitwood, N.R., (2018, April 24). *2017 Riverside County StudentTracker Report*. Riverside County Office of Education. <https://www.rcoe.us/educational-services/files/2018/10/RCOE-Student-Tracker-Report.pdf>

DYNAMIC VISUALIZATIONS/DASHBOARDS

- Chitwood, N.R., (2020, February 3). *District Model 2019* [Shiny Dashboard]. Riverside County Office of Education. <https://riverside.shinyapps.io/DistrictsModel2019/>
- Chitwood, N.R., (2019, November 22). *Schools Model 2019* [Shiny Dashboard]. Riverside County Office of Education. <https://riverside.shinyapps.io/SchoolModel2019/>
- Chitwood, N.R., (2019, November 19). *CSI-ATSI School Report - 2019-2020 Identification Cycle*. [Shiny Dashboard]. Riverside County Office of Education. <https://riverside.shinyapps.io/CSI-ATSI-2019/>
- Chitwood, N.R., (2019, November 8). *CA School Dashboard Multiyear Report*. [Shiny Dashboard]. Riverside County Office of Education. https://riverside.shinyapps.io/Dashboard_MultiYear/
- Chitwood, N.R., (2019, August 28). *CSI-ATSI School Report - 2018-2019 Identification Cycle* [Shiny Dashboard]. Riverside County Office of Education. <https://riverside.shinyapps.io/CSI-ATSI/>
- Chitwood, N.R., (2018, October 4). *Schools Model 2018* [Shiny Dashboard]. Riverside County Office of Education. <https://riverside.shinyapps.io/SchoolModel2018/>
- Chitwood, N.R., (2018, April 18). *Great Schools Model* [Shiny Dashboard]. Riverside County Office of Education. <https://riverside.shinyapps.io/GreatSchools/>

Honors & Awards

2010-11	Graduate Student Fellowship , UC Riverside Graduate School of Education	<i>Riverside, CA</i>
Mar. 2007	Ideal Active Achievement Award , Kappa Kappa Psi Western District	<i>Las Vegas, CA</i>
Spr. 2006	Ritchie Clendenin Outstanding Musician , Fresno State Bulldog Marching Band	<i>Fresno, CA</i>
Spr. 2006	Dean's List , CSU-Fresno	<i>Fresno, CA</i>
Fall 2005	Dean's List , CSU-Fresno	<i>Fresno, CA</i>
Fall 2003	Dean's List , CSU-Fresno	<i>Fresno, CA</i>
Spr. 2003	Dean's List , CSU-Fresno	<i>Fresno, CA</i>
Fall 2001	Dean's List , CSU-Fresno	<i>Fresno, CA</i>

Skills

DevOps	AWS, Docker, Kubernetes, Rancher, Vagrant, Packer, Terraform, Jenkins, CircleCI
Back-end	Koa, Express, Django, REST API
Front-end	Hugo, Redux, React, HTML5, LESS, SASS
Programming	Node.js, Python, JAVA, OCaml, LaTeX
Languages	Korean, English, Japanese

Program Committees

2016	Problem Writer , 2016 CODEGATE Hacking Competition World Final	<i>S.Korea</i>
2013	Organizer & Co-director , 1st POSTECH Hackathon	<i>S.Korea</i>
2012	Staff , 7th Hacking Camp	<i>S.Korea</i>
2012	Problem Writer , 1st Hoseo University Teenager Hacking Competition	<i>S.Korea</i>
2012	Staff & Problem Writer , JFF(Just for Fun) Hacking Competition	<i>S.Korea</i>