

**CURRICULUM VITAE
FOR
ADRIANA D. CIMETTA
cimetta@email.arizona.edu**

Chronology of Education

- 2012 University of Arizona, Tucson, Arizona
Ph.D. Educational Psychology
Dissertation: *Understanding the Connection between High School Exit Exams and College Performance*, Advisor: Jerome D'Agostino/Ronald Marx
Major: Educational Psychology; Research Focus: Measurement and Research Methodology
Minor: Public Health – Program Planning and Evaluation
- 2001 University of Arizona, Tucson, Arizona
Masters of Public Health: Research Focus: Health Education and Behavioral Science
- 1994 Santa Clara University, Santa Clara, California
Bachelor of Science: Biology

Chronology of Employment

- 2021-pres **Associate Research Professor:** Department of Educational Psychology, College of Education, University of Arizona
- 2015-2021 **Assistant Research Professor:** Department of Educational Psychology, College of Education, University of Arizona
- 2009-2015 **Research Associate:** Office of the Dean, College of Education, University of Arizona
- 2009-2012 **Research Associate:** First Things First External Evaluation, College of Education, University of Arizona
- 2003-2009 **Assistant Program Director of Planning and Evaluation:** College of Public Health, University of Arizona
- 2004-2005 **Project Evaluator:** College of Education, University of Arizona
- 2003-2004 **Assistant Program Director of Planning and Evaluation:** Arizona Area Health Education Centers (AHEC), Arizona Health Sciences Center, University of Arizona
- 2002-2003 **Research Specialist, Senior:** College of Public Health, University of Arizona

- 2001-2002 **Research Specialist:** College of Public Health, University of Arizona
- 2000-2001 **Graduate Research Assistant:** College of Public Health, University of Arizona
- 1998-2000 **Science & Composition Teacher:** Armstrong Academy Middle School. Tucson, Arizona
- 1995-1998 **Research Assistant:** Department of Cardiovascular and Thoracic Surgery, University of Arizona
- 1995-1997 **Emergency Medical Technician:** Rural Metro Corporation. Tucson, Arizona

Honors and Awards

- 2008-pres Delta Omega, National Public Health Honorary Society
- 2009-2017 Kappa Delta Pi, International Honor Society in Education

Service/ Outreach

Local/State Outreach

- 2019 Prepared and administered a lesson on The Five Senses to four kindergarten classes at Basis Oro Valley Primary. Tucson, AZ. (September)
- 2019-pres Co-Leader of Daisy Girl Scout Troop 995

National/International Service/Outreach

- 2020 Reviewer for American Psychological Association, Division 15, 2020 Annual Conference proposals. (January)

Departmental Committees

- 2021 **Chair:** Educational Psychology Departmental Promotion Review Committee
- 2019-pres **Member:** Annual Peer Evaluation Committee – Career Track
- 2016-2017 **Co-Chair:** Committee to establish an Undergraduate Minor in Educational Psychology, College of Education
- 2016-2017 **Co-Chair:** Committee to establish Educational Psychology as a strand in the Language, Literacy, and Leadership Major, College of Education.

College Committees

- 2020 **Member:** Re-Entry College of Education Re-Entry Research Committee, College of Education.
- 2020 **Member:** Re-Entry College of Education Re-Entry Academics and Field Placement Committee, College of Education.

- 2020-pres **Member:** College Council, College of Education
 2019-2020 **Chair:** College Council, College of Education
 2019-2020 **Member:** MA in Medical Education, College of Education and College of Medicine.
 2018-pres **Member:** Undergraduate Research Committee, College of Science
 2018-2019 **Member:** College Council, College of Education
 2018-2019 **Member:** Strategic Plan, Values – Collaboration Committee, College of Education

University Committees

- 2021 **Reviewer:** University of Arizona Excellence Awards
 2018-pres **Member:** Undergraduate Research Committee, College of Science

Other Committees – Internal

- 2018-pres Co-Director: Research Group on Child Development, Education, and Policy

Other Committees - External

Reviewer for:

- 2016-pres International Journal of School and Educational Psychology
 2019 European Journal of Developmental Psychology
 2017 Educational Measurement: Issues and Practice

Publications

Refereed Journal Articles (*published from work as graduate student)

- 2021 Friesen, R. & **Cimetta A.** Facilitating Departmental and Institutional Change for Expanding Undergraduate Research Experiences: The Effectiveness of a Microgrant. *Journal of College Science Teaching*. (In-press: accepted July 2021)
- 2021 Alkhadim, G. S., **Cimetta, A.D.**, Marx, R.W. Cutshaw, C. A., Yaden, D.B. Validating the Research-Based Early Math Assessment (REMA) among rural children in the southwest United States. *Studies in Educational Evaluation*. 68, 28-39. (Published online Nov. 2020)
- 2020 **Cimetta, A.D.**, Sulkowski, M.L., Cutshaw, C. A., Yaden, D.B., Marx, R.W. Does having a young child with emotional and behavioral risk factors influence firearm ownership and storage? *Journal of Education and Human Development*. 9(3), 28-39. DOI: 10.15640/jehd.v9n3a3
- 2018 **Cimetta, A. D.**, Marx, R. W., Yaden, D. B., Alkhadim, G. S., Cutshaw, C., A. Latent variable structure and measurement invariance of a modified early literacy assessment. *International Journal of School and Educational Psychology*, (6)3, 208-222. DOI:10.1080/21683603.2017.1322016

- 2017 Yaden, D. B., Marx, R. W., **Cimetta, A. D.**, Alkhadim, G. S., Cutshaw, C., A. Assessing Early Literacy with Hispanic Preschoolers: The Factor Structure of the Phonological Awareness Literacy Screening—Español. *Hispanic Journal of Behavioral Sciences*, 39(2), 193-210. DOI: 10.1177/0739986316688877
- 2014 Holliday, M.R., **Cimetta, A.D.**, Cutshaw, C.A., Yaden, D.B., Marx, R.W. Protective factors for school readiness among children in poverty. *Journal of Education for Students placed at Risk*. 19(3-4), 125-147.
- 2012 Hites, L.S., Granillo, B.S., Garrison, E.R., **Cimetta, A.D.**, Serafin, V.J., Renger, R.F., Wakelee, J.F., Burgess, J.L. (2012). Emergency preparedness training of tribal community health representatives. *Journal of Immigrant Minority Health*. 14(2), 323-329.
- 2010 ***Cimetta A.D.**, D'Agostino J.V., Levin, J.R. Can high school achievement tests serve to select college students? *Educational Measurement: Issues and Practice*. 29(2), 3-12.
- 2008 *D'Agostino, J.V., Welsh, M.E., **Cimetta, A.D.**, Falco, L.D., Smith, S., VanWinkle, W. H., Powers, S.J. The rating and matching item-objective alignment methods. *Applied Measurement in Education*, 21(1), 1-21.
- 2008 Renger, R., Jansen, A., Peacock, E., **Cimetta, A.**, Surdam, J. Using evaluation theory to augment the homeland security exercise and evaluation program (HSEEP) guidance for evaluating operations based exercises. *Journal of Emergency Management*, 6(3), 45-52.
- 2007 *D'Agostino, J.V., Schwartz, K.L., **Cimetta, A.D.**, Welsh, M.E. Using a partitioned treatment design to examine Project WET impact. *Journal of Environmental Education*. 38(4), 43-50.
- 2003 Renger, R., Passons, O., **Cimetta, A.** Evaluating housing revitalization projects: Critical lessons for all evaluators, *American Journal of Evaluation*, 24(1), 51-64.
- 2002 Renger, R., **Cimetta, A.**, Pettygrove, S., Rogan, S. Geographic Information Systems (GIS) as an evaluation tool. *American Journal of Evaluation*, 23(4), 469-479.
- 2000 Hokama, J.Y., Ritter, L.S., Davis-Gorman, G., **Cimetta, A.D.**, Copeland, J.G., McDonagh, P.F. Diabetes enhances leukocyte accumulation in the coronary microcirculation early in reperfusion following ischemia. *Journal of Diabetes and Its Complications*, 14(2), 96-107.

- 1999 Leprince, P., Diven, C., **Cimetta, A.**, Davis-Gorman, G., L’Italian, A., Hokama, J., McDonagh, P., Copeland J. Cold cardioplegic preservation aggravates alloantibody mediated cardiac dysfunction due to an increase in vascular resistance. *Transplant Proceedings*, 31(1-2), 116-117.
- 1996 Ritter, L., Davis-Gorman, G., **Cimetta, A.**, McDonagh, P. During low flow myocardial reperfusion, leukocyte retention in capillaries is reduced by fucoidin. *Microcirculation*, 449-452.

Other Publications: Non-Peer Reviewed/Reports

- 2021 Cimetta, A., Friesen, R. CURE Training Program Evaluation Report – Cohort 1. Submitted to University of Arizona Office of Societal Impacts. (August)
- 2021 Cimetta, A. Evaluation Findings from the CAT Vehicle REU Summer 2020. Submitted the University of Arizona College of Engineering. (March)
- 2020 Cimetta, A., Legg-Burross, H. Standardized Testing for JD-Next. Submitted to the University of Arizona James E. Rogers College of Law. (June)
- 2020 Cimetta, A., Legg-Burross, H. Report on the Psychometric Properties of the JD-EAP Exam. Submitted to the University of Arizona James E. Rogers College of Law. (April)
- 2020 Mickens, A. J. & Cimetta, A. D. *The Impact of Poverty on Math Readiness* [Roundtable Session]. AERA Annual Meeting San Francisco, CA <http://tinyurl.com/yx6mbsku> (Conference Canceled)

Work in Progress

Manuscripts in preparation:

Friesen, R., **Cimetta, A.D.** (in development). Dynamics of implementing cultural change at a university: Identifying influences of power. Journal article.

Clough, L.T., **Cimetta, A. D.**, Cutshaw, C.A., Yaden, D.B., Marx, R.W. (in development) Home environment and parenting practices influence on executive functioning of young children. Journal article.

Cutshaw, C.A., **Cimetta, A.D.**, Marx, R.W., Yaden, D. B. (in development). Firearm ownership and storage practices among families with young children: Family and neighborhood characteristics. Journal article.

Dai, C., **Cimetta, A.D.**, Marx, R.W., Cutshaw, C.A., Yaden, D. B. (in development). Executive function and family engagement mediate the relation

between family socioeconomic status and math performance in early childhood: A strength-based analysis. Journal article.

Medina, M., **Cimetta, A.D.**, Marx, R.W., Yaden, D.B., Cutshaw, C.A. (in development). Language development in the presence of an older sibling: Effects of age differences and sex of older sibling. Journal article.

Projects:

Taking the lead on developing and preparing an application for a university approved Evaluation Center housed in the College of Education.

Grants:

NSF SaRC EDU: Toward Better Cybersecurity Education and Development: A Big Data and Machine Learning Approach. Eller College of Management. Evaluator. Planned submission in Feb/Mar 2022.

NSF Career: Mitochondrial Transcellular Communication in the Nervous System: Mechanisms of Action and Student Training Opportunities. College of Science. Evaluator. Planned submission in Summer 2022.

Scholarly Presentations

Conferences (*Invited)

- 2021 Friesen, R., **Cimetta, A.D.** Gender and Disciplinary Differences in Faculty Perspectives of Departmental and Institutional Culture Regarding Undergraduate Research Experiences. Association of Colleges and Universities. November (Virtual Conference).
- 2021 Friesen, R., **Cimetta, A.D.** Identifying and evaluating the influence of power dynamics in implementing change at a University. American Evaluation Association Annual Convention. October (Virtual Conference).
- 2021 Medina, M., Cimetta, A., Yaden, D., Cheng, K., Cutshaw, C., & Marx, R. The role of older siblings and a child's literacy and language development. American Psychological Association Annual Convention. August (Virtual Convention).
- 2021 Friesen, R., **Cimetta, A.D.** Discerning Barriers and Opportunities when Implementing Undergraduate Research Experiences. Annual Conference on Academic Research in Education (CARE). June (Virtual Conference).
- 2021 Dai, C., **Cimetta, A.D.**, Marx, R.W., Cutshaw, C.A. (in development). Executive function and family engagement mediate the relation between family SES and math performance in early childhood: A strength-based

- analysis. American Educational Research Association Annual Conference. April (Virtual Conference).
- 2021 Friesen, R., **Cimetta, A.D.** Identifying the Influence of Power. The Qualitative Report 12th Annual Conference. January (Virtual Conference).
- 2020 **Cimetta, A.D.**, Friesen, R., Li, R. Transforming Undergraduate STEM Education to include Course-based Research Experiences: Success and Challenges. American Psychological Association Annual Convention. August (Virtual Convention)
- 2020 Friesen, R., **Cimetta, A.D.** A New Look at Apprenticeship as an Approach to Evaluator Training. American Psychological Association Annual Convention. August (Virtual Convention)
- 2020 Mickens, A.J., **Cimetta, A.D.** The impact of poverty on math readiness. American Educational Research Association Annual Conference. San Francisco, CA. April (conference cancelled due to COVID-19)
- 2019 **Cimetta, A.D.**, Sulkowski, M.L., Cutshaw, C. A., Yaden, D.B., Marx, R.W. Does having a young child with emotional and behavioral risk factors influence firearm ownership and storage? American Public Health Association Annual Conference. Philadelphia, PA. November.
- 2018 **Cimetta, A. D.**, Cutshaw, C., A., Marx, R. W., Yaden, D. B., Hollander, J. Firearm Ownership and Storage Practices Among Families with Young Children: Family and Neighborhood Characteristics. American Public Health Association Annual Conference, San Diego, CA. November
- 2018 Alkhadim, G., **Cimetta, A.**, Cutshaw, C., Marx, R., Yaden, D. Generalizability of the Research-Based Early Math Assessment from Urban NY Children to Rural AZ Children Using IRT. American Evaluation Association Annual Conference, Cleveland, OH. November
- 2018 Clough, L. T., **Cimetta, A. D.** Measuring the Relationship Between Children's Executive Function and Communicative Abilities. American Psychological Association Annual Conference, San Francisco, CA. August
- 2018 Clough, L. T., **Cimetta, A. D.**, Cutshaw, C. A., Yaden, D. B., Marx, R. W. Examining Executive Function of Young Children through Cluster Analysis. American Educational Research Association Annual Conference, New York, NY. April
- 2017 **Cimetta, A. D.**, Marx, R. W., Yaden, D. B., Alkhadim, G. S., Cutshaw, C., A. Latent Variable Structure and Measurement Invariance of a Modified

Early Literacy Assessment. American Psychological Association Annual Conference, Washington, D.C. August

2017 Clough, L. T., **Cimetta, A. D.**, Cutshaw, C. A., Yaden, D. B., Marx, R. W., Examining the Influences of Home Environment on the Executive Function of Young Children. American Psychological Association Annual Conference, Washington, D.C. August

2017 Yaden, D. B., Marx, R. W., **Cimetta, A. D.**, Alkhadim, G. S., Cutshaw, C., A. Assessing Early Literacy with Hispanic Preschoolers: The Factor Structure of the Phonological Awareness Literacy Screening—Español. American Educational Research Association Annual Conference, San Antonio, Texas. April

Awarded Grants and Contracts

Federal

2021-2026 Title III HSISTEM Grant – Project CREAR (Culturally Responsive Engagement, Articulation, and Research). College of Education. Total Award: \$4,989,496. Evaluator: 3% effort.

2020-2024 USDA - HSI Education Grant - Towards an Accessible Agribusiness Education for College Students in Borderland Areas of the U.S. Southwest: An Agribusiness Analytics Minor. University of Arizona, College of Agriculture and Life Sciences, Agriculture and Resource Economics. Proposed Budget: \$249,954. External Evaluator 7.5%

2021-2023 NSF REU Site– CAT Vehicle: The Cognitive and Autonomous Test Vehicle. University of Arizona, College of Engineering, Electrical and Computer Engineering. Total Award: \$400,000. External Evaluator: 7.0% effort

2020-2023 NSF REU Site– CAT Vehicle: The Cognitive and Autonomous Test Vehicle. University of Arizona, College of Engineering, Electrical and Computer Engineering. Total Award: \$419,127. External Evaluator 7.03% effort

2017-2021 Council on Undergraduate Research – Transformation Project (CUR-TP). University of Arizona, Science Administration. NSF DUES-IUSE grant #16-25354, The Council on Undergraduate Research. Total Award: \$16,000. Co-PI Evaluation. 25% effort.

State

2020-2022 Provost Investment Fund: Building Equity and Capacity for Undergraduate Research and Improved Student Retention University of Arizona, College of

Science, Office of Undergraduate Research. Total Award: \$156,000. External Evaluator 5% effort.

Private Non-profit/Foundation

2021-2025 Arizona’s Science, Engineering & Math Scholars (ASEMS) REU Program. Moore Foundation. UA Societal Impacts. Total Award: \$1,000,000. Evaluator: 2% effort.

2021-pres Teacher Regional Educational Collaborative (TREC). College of Education, University of Arizona. Evaluator: 5% effort

2020-2021 Teacher Regional Educational Collaborative (TREC). Thomas Brown Foundation. College of Education, University of Arizona. Total Award: \$25,000. Evaluator: 5% effort.

2020-2021 JD NEXT. ACCESSLEX. College of Law, University of Arizona. Total Award: \$196,250. Assessment/Evaluator. 15% effort.

2020-2022 TeachRock Evaluation in Tucson Unified School District. Rock and Roll Forever Foundation/Marshall Foundation. College of Education, University of Arizona. Total Award: \$100,000. Evaluator. 10% effort. (Currently paused due to pandemic)

2019-2020 JD-Exposure, Assessment, Preparation Program. ACCESSLEX. College of Law, University of Arizona. Total Award: \$150,000. Assessment/Evaluator. 15% effort.

2018-2019 Social Catalyst Technology Education and Literacy in Schools (TEALS) Program. Microsoft Corporation. University of Arizona STEM Learning Center. Total Contract Award: \$125,000. Evaluator. 10% effort.

EVALUATION OF TEACHING & ADVISING

Courses Taught

Course	Title	Date	Number of Students	Role
EDP 403	Pre-adolescent and Adolescent Development	2021	50	Instructor
		2020	49	
		2019	35	
EDP 582A	Educational Evaluation	2021	12	Instructor
		2019	13	
		2018	9	
EDP 699	Independent Study	2019	1	Instructor

EDP 667	Research Design and Techniques	2020 2018	6 7	Instructor
EDP 901	Thesis Research	2021 2020 2019 2018 2017	3 1 2 3 1	Instructor
EDP 905	Dissertation Research	2021 2020	3 2	Instructor
EDP 900	Research Independent Study	2021 2020 2019 2018 2016	3 3 2 3 1	Instructor
EDP 541	Statistical Methods in Education	2007 2006	23 28	Lab Instructor

Guest Lectures

Date	Course	Title	Topic
2021	TTE 331	Introduction to Program Evaluation	Challenges and Lessons Learned in Evaluation
2020	TTE 331	Introduction to Program Evaluation	Challenges and Lessons Learned from a Large-Scale Evaluation
2019	TTE 331	Introduction to Program Evaluation	Being and Evaluator
2018	TTE 331	Introduction to Program Evaluation	Evaluation: Lessons Learned and Challenges
2017	TTE 311	Introduction to Program Evaluation	First Things First External Evaluation challenges and lessons learned
2009	SERP 696F	Doctoral Seminar in Early Childhood Development & Learning	Design and policy implications for large-scale evaluation projects.

2008	CPH 532A	Applied Aspects of Program Planning, Implementation, and Evaluation Theory	Overview of the logic modeling process and its usefulness in practice. Brief introduction to basic test construction concepts.
2007	CPH 532B	Applied Aspects of Program Planning, Implementation, and Evaluation Theory - II	Measurement issues and survey design considerations
2007	CPH532A	Applied Aspects of Program Planning, Implementation, and Evaluation Theory - I	Expectations for CPH 532b; Logic modeling process
2006	CPH532B	Applied Aspects of Program Planning, Implementation, and Evaluation Theory - II	Mapping techniques; applications of the logic modeling process in practice
2005	CPH532B	Applied Aspects of Program Planning, Implementation, and Evaluation Theory – II	Practical application of the logic modeling process
2000	CPH532	Applied Aspects of Program Planning, Implementation, and Evaluation Theory - I	Internship experience in evaluation: What I thought and learned

Student Contact

<u>Date</u>	<u>Name</u>	<u>Degree</u>	<u>Role</u>
2021	Emilia Roland-Umasabor	PhD	Advisor: EDP Candidate
2021	Binlan Zhao	PhD	Advisor: EDP Candidate
2021	Nitika Mehta	MA	Advisor: EDP Candidate
2021	Rebecca Friesen	PhD	Chair: PhD Minor – Assessment/Evaluation
2021	Rachel Floyd	PhD	Member: SLAT Dissertation Committee
2020-2021	Wen Wen	PhD	Chair/Advisor: PhD Minor – Assessment/Evaluation Member: TLS Dissertation Committee
2020-2021	Cristin Phibbs	PhD	Advisor: EDP Candidate Chair: Comprehensive Exam Committee
2020-2021	Margaret Medina	PhD	Advisor: EDP Candidate

2019	Jiahui Qiu	MA	Chair: Dissertation Committee
2019-2021	Changting Dai	PhD	Member: EDP Thesis Committee Chair/Advisor: PhD Minor - Statistics
2019-2021	Abigail Amos	MA	Advisor: EDP Candidate
2019	Heather Kendall	MA	Member: EDP Thesis Committee
2019	Jazmynn Garcia	MA	Member: EDP Thesis Committee
2019	Jazmynn Garcia	MA	Instructor: Research Independent Study
2019	Cristin Phibbs	MA	Member: EDP Thesis Committee
2018-2019	Victoria Capin	PhD	Member: EDP Dissertation Committee
2019	Rebecca Friesen	PhD	Instructor: Research Independent Study
2019	Cristin Phibbs	MA	Instructor: Research Independent Study
2018	Mary Hartman	MA	Instructor: Research Independent Study
2018-2019	Mary Hartman	MA	Chair: EDP Thesis Committee
2018-2019	Avery Mickens	MA	Chair: EDP Thesis Committee
2018-2019	Cristin Phibbs	MA	Advisor: EDP Candidate
2018	Jenna Hollander	MA	Chair: EDP Thesis Committee
2018	Avery Mickens	MA	Instructor: Research Independent Study
2018	Jenna Hollander		Instructor: Research Independent Study
2018-pres	Ernest Littleton	PhD	Advisor: EDP Candidate
2018	Ernest Littleton	PhD	Instructor: Research Independent Study
2017-2018	Ghadah Alkhadim	PhD	Member: EDP Dissertation Committee
2017-2019	Jazmynn Garcia	MA	Advisor: EDP Candidate
2017-2019	Mary Hartman	MA	Advisor: EDP Candidate
2017-2018	Jenna Hollander	MA	Advisor: EDP Candidate
2017-2018	Lauren Clough	MA	Advisor: EDP Thesis
2016	Ghadah Alkhadim	PhD	Instructor: Research Independent Study
2014	Joy Jerauld	PhD	Member: DPS Dissertation Committee
2007	Jeff Sinanian	MPH	Member: COPH Internship Committee 2 nd Reader
2003	Samantha De Dios Goodwin	MPH	Site Supervisor: COPH Internship

