

30 November 2020



Dear Dr. Greene,

Thank you for your outstanding leadership as ARC President and for allowing AAUW CHAR to participate in the education of our young students.

In particular, your programs helped ARC students exceed national norms allowing the success of our scholarship program for single parents and you paved the way for our AAUW @ ARC Student Club that began under your auspices in 2018. Because of your programs and support, AAUW CHAR awarded 73 scholarships to Single Parents with a total program value of \$50,300, our first AAUW @ ARC Student Club President, Samantha Brady, attended the National Conference for College Women Student Leaders (NCCWSL), the nation's premier conference for college women.

With the cooperation of your ARC staff (Kirsten DuBray and Debra Hildred), we completed our first research study on Single Parent Student Outcomes. This is the first of several annual studies to come. You will be pleased to know our study shows ARC Students far exceeded national norms for achievement. At the end of this report are photos and comments from our scholarship recipients from 2016 through 2020.

Our AAUW @ ARC students under President Elizabeth Adam are working with AAUW Student Clubs at CSUS and UCDavis to produce programs that help women achieve. At the end of this report are photographs of our current AAUW @ ARC club officers, ARC staff advisors, and past student presidents.

Congratulations on your good work, and best wishes for your future work in life.

Lee Battershell

Lee Battershell, President – AAUW CHAR



**AMERICAN ASSOCIATION OF UNIVERSITY WOMEN
CITRUS HEIGHTS AMERICAN RIVER BRANCH
(AAUW CHAR)**

AAUW CHAR/ARC STAFF

Single Parent Scholarship Research Study

6 November 2020

Prepared by the AAUW CHAR/ARC Evaluation Team

- **Lee Battershell, AAUW CHAR President**
- **Vernon Chang, AAUW CHAR Chairperson, Research Committee**
- **Kirsten DuBray, ARC Philanthropy Director**
- **Debra Hildred, ARC Donor Specialist**

Single Parent Scholarship Research Study Executive Summary

This Research Study records the positive results of the American River College Single Parent Scholarship student outcomes. With Dr. Greene's approval, this program was implemented with the full cooperation and support of the ARC Staff (Kirsten Dubray and Debra Hildreth - Philanthropy), and AAUW CHAR (Lee Battershell - President).

ARC enrolls an average of 1,700 single parents each year. National norms show that only 28% will complete a degree, 60% will live at the poverty level, and 40% will drop out due to child care costs.

To assist the Single Parent in their pursuit of an education, AAUW CHAR/ARC awarded 73 scholarships since 1987 with a total program value of \$50,300. The majority of these funds were raised through member donations, endowments, and AAUW fundraisers.

In 2020, AAUW CHAR/ARC invited all of the prior scholarship recipients to report their educational outcomes through the AAUW CHAR website (*AAUWCHAR.COM*) online survey. 12 responses were received.

The following report shows excellent outcomes when compared to national norms:

- No dropouts vs. 40% national dropout rate.
- 92% acquired a degree vs. 28% national graduation rate.
- 90% had child care support vs. a 40% national dropout rate due to child care costs
- 20% at poverty level vs. 60% national poverty rate.
- 80% are gainfully employed
- All children under 18 were at the correct grade education level vs. the national average loss of 2/3 years toward a HS diploma.

Henceforth, this research study will be continued annually to acquire a larger database of student outcomes.

Respectfully Submitted – Lee Battershell/Vernon Chang



Single Parent Scholarship Research Study

AAUW MISSION

Advance Gender Equity

**Empower Women and Girls To Succeed Through
Advocacy, Education, Research and Philanthropy.....**

AAUW CHAR **EDUCATIONAL PROJECT**

Awards Scholarships To....

Single Parent Heads of Household Students...

Attending American River College...

Single Parent Scholarship Research Study

Single Mom National Norm Data

- 35 million single parent children (2016 study)...
- 2 million single moms attend college (2012 study).
 - ARC enrolled 1,739 single moms (2016)
 - 60% live at poverty level...
 - 40% drop out due to child care...
 - 28% earn degree vs. 40% married moms...
- Single Parent Child Receives 2/3 Years less education...

Single Parent Scholarship Research Study

Since 1987, AAUW CHAR Has...

- Awarded 73 Scholarships
- Single Parent Heads of Households...
 - Average Value was \$750...
- Total Program Value was \$50,300...
- Scholarship Funding Sources...
- Member Donations, Endowments, and Fundraising events...
- Awards made with No Barriers...
- Race, Religion, Ethnicity, National Origin, Sexual Orientation..Etc..

Single Parent Scholarship Research Study

Notional Expectations – The Student Could:

- Defray Educational and Living Costs
 - Earn 2-year AA Degree
- Pursue a Bachelor's 4-year Degree
 - Increase Her Earning Power
 - Rise Above the Poverty Level
 - Improve Her Child's Education
 - Become a Productive Citizen
- No Student Outcome Data Collected Since Award

Single Parent Scholarship Research Study

The Need To Collect Student Outcome Data...

- Scholarship Funding has Declined...
- As the CHAR membership has Declined...
- Fundraising now includes Charity Foundation Grants...
- Grants Require Proof of Student Outcomes...
- Therefore, AAUW CHAR wishes To...
- Conduct a Single Parent Research Study that will compare...
 - Actual Student Outcomes Against...
 - Our Notional Scholarship Expectations, And...
 - Single Parent National Norm Data...

AAUW CHAR/ARC Timeline TO COLLECT STUDENT OUTCOME DATA

- **6/26/20 – Begin Research Study**
- 8/1/20 – Issue Scholarship List (CHAR)
- 9/15/20 – Gather Contact Information (ARC)
- 9/15/20 - Complete Survey (CHAR)
- 9/15/20 – Automate Online Survey (CHAR)
- 9/16/20 – Issue Request for Online Input (ARC)
- 10/30/20 – Collect Online Data (CHAR)
- **11/6/20 – Issue Report (CHAR)**

Single Parent Scholarship Research Study

National Norm:

- *"28% earn degree vs. 40% married moms"*

Student Outcome Data:

- **92% (11 of 12) earned 19 degrees.**
 - (12 - AAs, 5 – BA/BS, and 2 – Masters)
 - Avg GPA = 3.72
- **6 of 11 were first in family to earn a degree.**
 - 3 had 3.9/4.0 GPAs, and became managers (Budget Analyst, HR Manager, Professor).
 - 2 are teachers (Instructional Design, Art).
 - 1 is student teacher (Will earn AA in 2021).

Single Parent Scholarship Research Study

National Norm

“60% live at poverty level”

Student Outcome Data...

- 80% of Single Mom families (8 of 10) are above the poverty income level.
 - 2 families (for 2) are below \$21,720,
 - 5 families (for 2) are above \$21,720,
 - 3 families (for 6) are above \$35,160).

Single Parent Scholarship Research Study

National Norm:
“40% drop out due to child care”

Student Outcome Data...

- **No Dropouts**
- **90% (10 of 11) had access to family support**
- **Did not pay for child care.**

Single Parent Scholarship Research Study

National Norm:

“The Single Parent Child Receives 2/3 Years less education”

Student Outcome Data

- **32 children were reported:**
 - All 13 children below age 18 were **at the correct grade level.**
 - 15 children over 18 were at college level,
 - 4 over 18 were not reported.
 - Parent modeling behavior had a positive effect on education.

Single Parent Scholarship Research Study

National Norm:

"Did You Have a Language Barrier?"

Student Outcome Data

- **3 of the 11 had a language barrier and overcame them.**
 - **1 student is a registered nurse, is a year graduate student, and has a balanced life,**
 - **1 student is student teaching,**
 - **1 student is home bound due to covid 19).**

Single Parent Scholarship Research Study

National Norm:

"Did You Reach Your Target Job?"

Student Outcome Data

- 8 of 10 are gainfully employed and living above the poverty line:
 - 6 have met their goal,
 - 2 are employed temporarily,
 - 1 is unsure of her plans,
 - 1 is sidelined by covid.

Single Parent Scholarship Research Study

SUMMARY

• Dropouts – “40% dropout due to child care”

- No dropouts – 90% had family child care support

• Degrees Earned – “28% Single Mom vs. 40% Married Moms”

- 92% (11 of 12) earned 19 degrees
- 12-AAAs, 5-BA/BS, 2 Masters,
- GPA Ave = 3.72, 4 @ 3.90/4.0 GPA, 1 @ Summa Cum Laude

• Poverty Levels – “60% Are At/Below Poverty Level

- 80% (8 of 10) are above,
- 20% (2 of 10) are below

• Child Care – “40% dropout due to child care”

- 90% (11/12) had family support and did not pay for child care

• Child’s Education – “Single Parent Child loses 2/3 year education”

- 13 under 18 at proper level, 14 over 18 at college level, 4 TBD
- Parent modeling behavior to seek degree has positive impact.

• Productive Life – “Achieved Target Job?”

- 8 of 10 are gainfully employed
- 6 have met their goal, 2 are temporarily employed, 1 is unsure, 1 is sidelined by covid

Single Parent Scholarship Research Study

Acknowledgements:



- ***Lee Battershell***
President – AAUW CHAR



- ***Kirsten DuBray***
ARC Exec. Director, Philanthropy



- ***Debra Hildred***
ARC - Donor Specialist

Single Parent Scholarship Research Study



Acknowledgements:

- ***Katie Battershell***
- ***Student Website Designer***



- ***Sam Pedraza***
- ***AAUW CHAR Webmaster***



- ***David Wilkes***
- ***AAUW CHAR Website Manager***



- ***Vernon Chang***
- ***AAUW Study Chairperson***

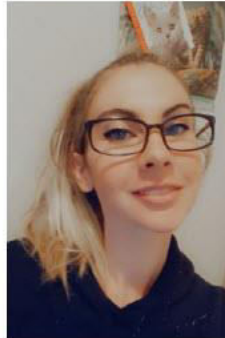
Single Parent Scholarship Research Study

2020 AAUW @ ARC STUDENT CLUB BOARD

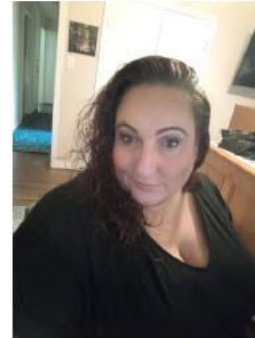
Meet the New ARC Board



Elizabeth Adam
President



Emma Powell
Vice President



Rachel Reed
Secretary



Kate Battershell
Treasurer



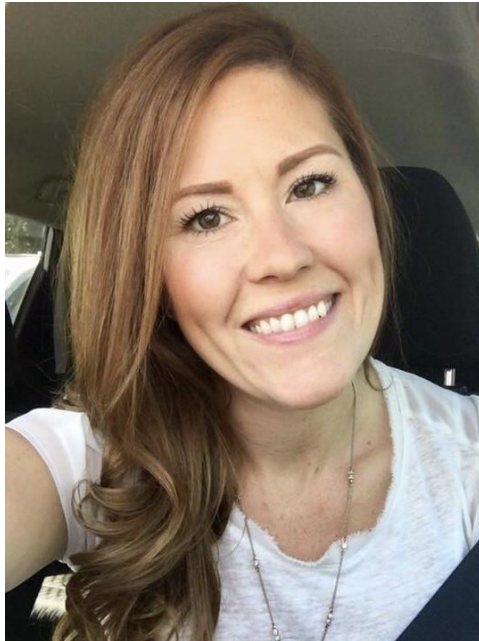
Matthew Register
Advisor



Professor Dyanne Marte
ARC Advisor

Single Parent Scholarship Research Study

PAST AAUW @ ARC STUDENT PRESIDENTS



Samantha Brady
2018 President
2019 Co-President



Carrie Battershell
2019 Co-President

Single Parent Scholarship Research Study

**2016
Winners**

American River College Local Scholarship Winners



Lesli Keith, an Education major with a minor in Special Ed/Linguistics (Spanish and Sign Language); will attend CSUS in the fall having maintained a 3.34 GPA while at ARC. She is a single mother who developed MS at the age of 22, limiting her ability to work or drive. She has volunteered in a Headstart class and worked with disabled students at SJ USD. Lesli is a single mother of a 7 year old son with Autism which has motivated her to help children with special needs.

Brenda Calmelat, the Margaret Radsloff Scholarship Winner, began her college career at ARC in 2011 and has maintained a 3.86 GPA. She will be attending UCD in the fall and majoring in Genetics & Genomics with the goal of becoming a medical doctor. She is the single mother of 2 girls, aged 10 and 11, who has been able to maintain 3 part time jobs and tutor at ARC.



Mimi Matthews, will be transferring after the fall semester at ARC to CSUS and will major in Business Administration to become a Human Resources Manager. She currently works for the California High Speed Rail as an office assistant and with the college education she will be able to reach her career goal. She continues to volunteer in the Twelve Step program, where she is a long time member.

All of these ladies express gratitude for the CHAR AAUW scholarships that provide both financial and emotional encouragement to allow them to become self-sufficient in their chosen field.

Thank you for your continued support of CHAR AAUW's scholarship program.

Single Parent Scholarship Research Study

**2017
Winners**

American River College Local Scholarship Winners



A Social Science major with a minor in French, Serena will attend UC Davis in fall 2018 to major in International Relations with an emphasis on people and nationalities. Serena maintained a 3.11 GPA while at ARC. She is a single mother who works to put three children through school while she is attending college. Serena was a product of the Foster Child program who has truly overcome. In addition to caring for her family and getting a degree, Serena volunteers as a firefighter, serves on the board of directors for a Buddhist nonprofit group, works with the ARC Model United Nations Club and the Student Senate. Serena is a member of the ARC Phi Theta Kappa.

Kalisa is a 4.0 student working toward a degree in Administration of Justice while working full-time and raising her Type One diabetic son as a single mom. After obtaining work experience using her Associates Degree, she will return to complete her transfer units and transfer to a CSU. Kalisa volunteers as an advocate for youth with mental illnesses in the Sacramento Probation Program. She works in food banks and clothes closets to support the homeless.



Maria, began college at ARC in 2015 where she is majoring in General Science and maintains a 3.44 GPA with the goal of becoming a nurse practitioner. A single mother, Maria worked as a medical assistant to support her three children while attending ARC. Maria is the president and co-founder of the ARC Pre-Nursing Club, has tutored Anatomy and Physiology (A&P) students, served as assistant for the A&P Cadaver Dissection Project, and served as translator and medical assistant during several missions to Honduras. An orphan refuge from Honduras, Maria knows what it means to persevere.

Melissa has maintained a 3.74 GPA at ARC. She will attend UCD in the fall with the goal of completing a Masters concurrent with a teaching credential focusing on the arts as an art teacher /special education art therapist. She is the single mother of two who works part-time as a teaching assistant for the San Juan Unified School District. Melissa volunteers in outreach work among the elderly providing light cooking, house cleaning, and best of all visiting.



Single Parent Scholarship Research Study

**2018
Winners**



Carla Howard has a 3.04 GPS and is working toward an AA degree in Psychology. Her goal is to obtain a BS degree and ultimately a PhD at CSU Sacramento. Carla is a motivated single mother who has been through some hard times. A graduate of the St. John's Program where she worked as a cook at Plates, Carla knows the challenges and how to reach her goals.



Amber Well is a 3.20 student working to become a Registered Nurse, earn an AS Degree and then earn a Bachelor's degree in Science with the ultimate goal of becoming a Family Nurse Practitioner. She is a single mother raising a two year old daughter and struggling to make ends meet.



Jennifer Shufelt is a 4.0 student working toward an Associate in Science degree and a four year Bachelor of Science in Accounting. Upon the death of her husband, Jennifer realized her outdated two year degree required more classes to be employable. Working extra shifts as a bartender can be cut back with this scholarship.



Rosanna Fante is a 3.88 student working toward an AA in Art New Media. She is preparing for a Bachelor's Degree at CSUS. Rosanna's art skills have been demonstrated in various school projects and she also freelances doing book illustrations and book cover designs. Rosanna has done this while working 36 hours a week as an Office Manager for a roofing company in Newcastle.

2019 Winners (Group 1)



Andrea Valdes Alfonso

Andria Valdes Alfonso. (CHAR AWARD) "This is a dream for me. I am from Cuba. I never imagined studying in a university in the United States. Receiving this (\$750) scholarship, I will be able to continue my education after transferring (from ARC) to California State University Sacramento. I am the mother of two teenagers and they are very proud of me. They have seen the effort I put into my studies. This award shows that with determination and sacrifice everything is possible. (\$750)



Kalena Chock

Kalena Chock. (MRAC AWARD) "Thank you for recognizing the students who try hard in school and might not always have the financial means to complete their goals by themselves. I find the value in education and have a better appreciation for it the older I get. I pass my positive outlook on learning to my two children, one of whom is in the first grade..." Kalena is going for a Doctor of Physical Therapy inspired by care given her after a car accident. (\$750)



Heather Lee Merrifield

Heather Lee Merrifield. (MRAC AWARD). "Each month I struggle to pay my bills and keep in school, but I am determined to show my daughter the importance of education, and that it is never too late to pursue your dreams and meet the life goals that you have set. I want you to know just how grateful I truly am for this gift, and just how much it will help to keep me on my path. (\$750)



Andrea Miller

Andrea Miller. (CHAR AWARD) "Thank you for making this scholarship available to us mothers doing double duty. I am excited to inform you that I have been accepted into Sac State's Bachelors of Science in Nursing (BSN) program beginning Fall 2019. (\$750)



Jennifer Yarberry

Jennifer Yarberry (Louise Lockhart Memorial) "As a single Mom and going to school full time, every bit helps to achieve my goal on graduating and pursuing my dreams. Thank you very much for choosing me to accept this scholarship." (\$1,000)

Single Parent Scholarship Research Study

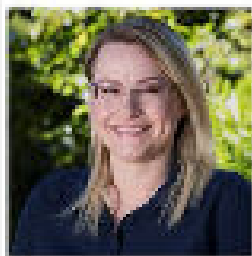
2019 Winners (Group 2)



Samantha Brady is focusing on Agriculture and Food and will attend UC Davis after completing an Associate Degree at American River College. Samantha received recognition from the National Volunteers of America for her work in the public school system tutoring children in reading, math, art and science. She has received assistance from AAUW -CHAR and the **Nan Hendrickson Memorial Scholarship**.



Eryn Knight is a 3.0 student in Communications working for an AA at ARC and is on track to enter UC Davis Spring 2020. Eryn plans for a B.S. in Cognitive Science with an emphasis in Computational Engineering. She volunteers on special projects with Teen Challenge and as student senator protecting the rights of college students. Eryn expressed her thanks and gratitude for the **Margaret Radsloff Endowment**.



Amy Hoffman, a former foster youth, completed her Spring 2017 semester with all "A"s and has maintained an overall GPA of 3.17. She expects to receive 3 degrees at ARC: an AS in Gen. Science, an AA in Social Science, and an AA in Kinesiology. Her goal is a BS degree in Health Sciences at CSUS. She is proud to have received the **Louise Lockhart Memorial Scholarship** this year.

2020 Winners

Single Parent Scholarship Research Study

Abigail Emery. I am relieved to have received this scholarship as it will allow me to purchase my uniform and the utensils I do not have for production in The Oak Cafe kitchen. I am excited to be able to continue courses at American River College and I will be forever appreciative for the generosity of The American Association of University Women for their contribution toward my education. Thank you from the depths of mine and my family's hearts, Abby Emory



Abigail Emery



Myticella Perez. Thank you for your generosity. I am a single mom with limited resources and I am out of work due to COVID-19. I am going to have to take summer courses to make up for the time lost. I am currently at ARC and Sac State. I will have to pay out of pocket cost for tuition fees, books. I will also be adding extra courses in the fall to graduate sooner. Myticella Perez.

Maribeth Reyes. When my daughter was 3 months old, their father left. At 4 months, she went into heart failure, underwent her first open heart surgery (which was unsuccessful), was placed on life support, and despite all the odds being against her, was eventually discharged after 4 months. My daughter is medically fragile with multiple complex and rare forms of congenital heart defects. She is what sparked my interest in pursuing a career as a Registered Dietitian.



By granting me this scholarship you are helping to relieve the financial burden I face. As soon as my daughter's health problems appeared, I had to give up everything, including my job to be by her side 24/7. I made the decision to go back to school 2 years ago, and quite honestly it has been one of the best decisions I have ever made. Maribeth Reyes



Natallia Zakharava. I am a college student majoring in accounting. My dream is to continue my family tradition and help immigrant families with children. Thanks to you I am one step closer to that goal.

By awarding me the ARC Ven & Shirley Scholarship, you have lightened my financial burden which allows me to focus more on the most important aspect of college, learning. Your generosity has inspired me to help others and give back to the community. I hope one day I will be able to help students achieve their goals just as you have helped me. Natallia Zakharava

Elizabeth Adam. I am a re-entry student in my sophomore year at American River College. My major is geology. I previously studied Legal Assisting at ARC and worked in mortgage title insurance and in the legal field before returning to school in 2018. I have a 9 year old son, and reside with my family in Sacramento.



I volunteer at the Sacramento County Food Bank and Family Services, participated in cleanups of the American River parkway, and serve meals with my son through Church of the Nazarene in Rosemont. I am grateful and blessed to be a recipient of the AAUW 2020-2021 scholarship. I am a single parent and full-time student. Thank you for your support.