

F / H	Frederick Herrmann	
	EDUCATOR	2026

CURRICULUM VITAE

ALOHA!

Allow me to introduce myself. My name is Frederick Herrmann. I live on Hawaii Island.

I am an educator, currently pursuing my doctorate in education at George Fox University, part of the Curriculum Design & Development cohort.

My background includes a variety of educational work, including tutoring adults, teaching GED at a correctional facility, running an after school program for Mexican Americans, working as an aid for students with special needs, and running the aerospace and STEM program at a Christian high school.

I specialize at project-based learning, and my students have been successful in several aerospace programs and competitions, including NASA HUNCH, NASA TechRise, the National STEM Festival, the International Space Elevator Consortium, and the ISDC Space Settlement Contest.

My masters degree is in Special Education, and I focused on Gifted & Talented. I believe gifted pedagogy is applicable to most students, that gifted students can be made, not just born. For this reason, I design curricula to increase students' self-efficacy.

Do I sound like the teacher for your program? Please peruse my cv and find out.



Frederick Herrmann



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MAKUA LANI CHRISTIAN ACADEMY 2010 - 2025

HIGH SCHOOL TEACHER

CLASSES TAUGHT

- Python
- Science 8 Physics
- Introduction to CubeSat Systems
- Introduction to Aerospace Engineering
- Aerospace Design
- Algebra I
- Algebra II
- Geometry
- Calculus
- AP English Language & Composition
- AP English Literature & Composition
- Ancient World Literature
- Modern World Literature
- AP United States History
- AP European History
- Worship Music
- Film
- Photography
- Yearbook
- Student Resource



ROLES

AEROSPACE DIRECTOR | 2017-2025

- Facilitated after-school Space Club.
- Designed curricui and instructed the aerospace classes.
- Directed aerospace trips to Hawaii Space Fligh Laboratory & ISDC conferences.

MEDIA MANAGER | 2010-2017

- Maintained sound system.
- Used monies awarded to Film Class via contests to purchase cameras and lenses, and to upgrade RAM in Apple computer lab.
- Purchased workstations for modern lab with components needed to maximize efficiency for media arts applications.
- Installed Adobe Suite in desktop workstations.
- Removed antiquated equipment for recycling.

WORSHIP DIRECTOR | 2010-2016

- Initiated student-led worship.
- Facilitated after school worship team practice.
- Instructed worship team class.
- Coordinated visiting worship teams from local missionary base.



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STUDENT HONORS & AWARDS INTERNATIONAL / NATIONAL

Classes & clubs taught by Frederick Herrmann

NASA HUNCH ENGINEERING CONTEST | NATIONAL

2024

FINALIST (highest placement) - Lunar Art

Joshua R., Anella M., Alex L., Quinten W., Abigayle B.
Class: Aerospace Design

ISEC/NSS ACADEMIC CHALLENGE | INTERNATIONAL

2024

FIRST PLACE (highest placement) - Space Elevator Mission Design

Joshua R., Anella M., Alex L., Abigayle B.
Class: Aerospace Design

NSS LIVE IN A HEALTHY SPACE COMPETITION | INTERNATIONAL

2024

THIRD PLACE (10th grade small group) - Agricultural Module Design

Devin O., Scott P.
Class: Aerospace Design

NASA HUNCH ENGINEERING CONTEST | NATIONAL

2023

FINALIST (highest placement) - Lunar Habitat Chair

Anja H., Mika C., Lynelle Y.
Class: Aerospace & Lunar Habitat Design

NASA HUNCH ENGINEERING CONTEST | NATIONAL

2022

FINALIST (highest placement) - Lunar Habitat Shoes

Anja H., Mika C., Lynelle Y.
Class: Aerospace Design

NASA HUNCH ENGINEERING CONTEST | NATIONAL

2022

FINALIST (highest placement) - Magnetic Boots for Starship EVAs

Calvin B, Mikella C., Andrew O., Jaxen F.
Class: Aerospace Design

NASA TECHRISE | NATIONAL

2022

WINNER - Granular Flow microgravity experiment for suborbital rocket launch

STAR LIONS. Calvin B, Mikella C., Andrew O., Jaxen F., Anja H., Mika C., Lynelle Y.
Class: Aerospace Design

US REPRESENTATIVE KAIALI'I KAHELE, LETTERS OF CONGRATULATIONS

2021

Awarded to each student by US Rep. Kahele for student success in the NSS Space Settlement Contest.
Mikella C., Josiah R., Christian T., Austin P., Jaxen F., Hana H., Andrew O.
Class: Introduction to Aerospace Engineering



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STUDENT HONORS & AWARDS INTERNATIONAL / NATIONAL (2)

Classes & clubs taught by Frederick Herrmann

NASA HUNCH ENGINEERING CONTEST | NATIONAL 2021

FINALIST (highest placement) - EVA Food Dispenser Device

Mikella C., Josiah R., Christian T., Makayla B.

Class: Introduction to Aerospace Engineering

NASA HUNCH ENGINEERING CONTEST | NATIONAL 2021

SEMI-FINALIST, FIRST HONORARY MENTION - Lunar Pod Retrieval System

Austin P., Jaxen F., Hana H., Andrew O.

Class: Introduction to Aerospace Engineering

NSS SPACE SETTLEMENT CONTEST | 1,618 Entries | 22 NATIONS 2021

INTERNATIONAL GRAND PRIZE

AEROSPACE MERIDIAN. Mikella C., Jaxen F., Hana H., Andrew O., Austin P., Josiah R., Christian T.

Class: Introduction to Aerospace Engineering

NSS SPACE SETTLEMENT CONTEST | 12,899 Participants | INTERNATIONAL 2019

INTERNATIONAL GRAND PRIZE

AEROSPACE MERIDIAN. Josiah D., Josiah R., Austin P., Hana H., Madeleina W., Raychelle L., Maya

C., Nolan P., Jayde W., Christian W., Logan R.

Class: Space Club

US SENATOR DAVID SCHATZ, LETTER OF CONGRATULATIONS 2018

Awarded by US Senator Schatz for student success in the NASA Ames Space Settlement Contest.

Josiah D., Josiah R., Austin P., Hana H., Madeleina W., Raychelle L., Maya C., Nolan P., Jayde W.

Class: Space Club

NASA AMES SPACE SETTLEMENT CONTEST | 10,000 Participants 2018

INTERNATIONAL FIRST PRIZE IN CATEGORY - 10th Grade Large Group

AEROSPACE MERIDIAN. Josiah D., Josiah R., Austin P., Hana H., Madeleina W., Raychelle L., Maya

C., Nolan P., Jayde W.

Class: Space Club

NASA AMES SPACE SETTLEMENT CONTEST | 6,674 Participants 2017

INTERNATIONAL FIRST PRIZE IN CATEGORY - 12th Grade Large Group

ERRANTES VITAM. Enjolique H., Kelly C., Reisa W., Witney O., Noa B., Matthew R., Shanti E.

Class: Advanced Language



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STUDENT HONORS & AWARDS INTERNATIONAL / NATIONAL (3)

Classes & clubs taught by Frederick Herrmann

LIVE POETS SOCIETY OF NJ | 15,000 to 30,000 Participants | NATIONAL 2016

TOP 2% - Geoffrey H. and Abigail S.
Class: AP English Literature

STATE FARM 2N2 SAFE DRIVING | Video Competition | NATIONAL 2015

FINALIST - Entire Class
Class: Film & Photography

COLORISM HEALING | Poetry Contest | NATIONAL 2014

HONORABLE MENTION - Joy C.
Class: AP English Literature & Composition

LIVE POETS SOCIETY OF NJ | 15,000 to 30,000 Participants | NATIONAL 2014

TOP 2% - Abigail S. and Rachel W.
Class: AP English Literature & Composition



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STUDENT HONORS & AWARDS STATE

Classes and clubs taught by Frederick Herrmann

NATIONAL STEM FESTIVAL

2025

The National STEM Festival is a national competition, but finalists are chosen by state.

FINALISTS: Alexander L., Bailey G., Christian H., Deklyn C., Laird B., Leila G.

Class: Science 8 Physics

GOVERNOR JOSH GREEN, CERTIFICATE OF SPECIAL RECOGNITION

2024

Awarded by Governor Ige for Winners of NASA HUNCH lunar art design and International Space Elevator Consortium space elevator mission design.

Joshua R., Alex L., Anella M., Abigayle B., Quinten W.

Class: Aerospace Design

GOVERNOR DAVID IGE, CERTIFICATE OF SPECIAL RECOGNITION

2022

Awarded by Governor Ige for Winner of NASA TechRise microgravity rocket launch.

STAR LIONS. Calvin B, Mikella C., Andrew O., Jaxen F., Anja H., Mika C., Lynelle Y.

Class: Aerospace Design

STATE OF HAWAII, HOUSE OF REPRESENTATIVES

2021

CERTIFICATES OF CONGRATULATIONS for Grand Prize in the NSS Space Settlement Contest.

Josiah R., Austin P., Christian T., Hana H., Mikella C., Jaxen F., Andrew O.

Class: Introduction to Aerospace Engineering

GOVERNOR DAVID IGE, CERTIFICATE OF SPECIAL RECOGNITION

2019

Awarded by Governor Ige for Grand Prize in the NSS Space Settlement Contest.

Josiah D., Josiah R., Austin P., Hana H., Madeleina W., Raychelle L., Maya C., Nolan P., Jayde W., Christian W., Logan R.

Class: Space Club

STATE OF HAWAII, HOUSE OF REPRESENTATIVES

2019

CERTIFICATES OF CONGRATULATIONS for Grand Prize in the NASA Ames Space Settlement Contest.

Josiah D., Josiah R., Austin P., Hana H., Madeleina W., Raychelle L., Maya C., Nolan P., Jayde W., Christian W., Logan R.

Class: Space Club

GOVERNOR DAVID IGE, CERTIFICATE OF SPECIAL RECOGNITION

2018

Awarded by Governor Ige for student success in the NASA Ames Space Settlement Contest.

Josiah D., Josiah R., Austin P., Hana H., Madeleina W., Raychelle L., Maya C., Nolan P., Jayde W.

Class: Space Club



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STUDENT HONORS & AWARDS STATE (2)

Classes and clubs taught by Frederick Herrmann

GOVERNOR DAVID IGE, CERTIFICATE OF SPECIAL RECOGNITION

2017

Awarded by Governor Ige for student success in the NASA Ames Space Settlement Contest.
Enjolique H., Kelly C., Reisa W., Witney O., Noa B., Matthew R., Shanti E.
Class: Advanced Language

THE CLARENCE T.C. CHING FOUNDATION | Inspired in Hawaii Contest

2013

FIRST PLACE 12TH GRADE - Joy C. Poster: "Marriage - A Weapon Against Child Poverty"
Class: AP English Language & Composition

UNIVERSITY OF HAWAII INTERNET SAFETY AWARDS | Essay Contest

2011

FIRST PLACE IN CATEGORY - Savannah P.
FIRST PLACE IN CATEGORY - Bailey W.
FIRST PLACE IN CATEGORY - Kamela S.
FIRST PLACE IN CATEGORY - Justin P.
HONORABLE MENTION - Lauren M.
Class: Honors Ancient World Literature



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STUDENT HONORS & AWARDS ISLAND / LOCAL

Classes and clubs taught by Frederick Herrmann

HAWAII COUNTY COUNCIL, CERTIFICATE OF RECOGNITION

2022

Awarded to AeroSpace Meridian for winning NASA TechRise and NASA HUNCH
Calvin B, Mikella C., Andrew O., Jaxen F., Anja H., Mika C., Lynelle Y.
Class: Aerospace Design

MAYOR MITCHELL ROTH, CERTIFICATE OF RECOGNITION

2021

Awarded to AeroSpace Meridian for NSS Space Settlement Contest International Grand Prize.
Josiah R., Hana H., Austin P., Christian T., Mikella C., Jaxen F., Andrew O.
Class: Introduction to AeroSpace Engineering

HAWAII COUNTY COUNCIL, CERTIFICATE OF RECOGNITION

2021

Awarded to AeroSpace Meridian for NSS Space Settlement Contest International Grand Prize, NASA
HUNCH finalist category, and spacecraft shielding.
Josiah R., Hana H., Austin P., Christian T., Mikella C., Makayla B., Jaxen F., Andrew O.
Class: Introduction to AeroSpace Engineering

MAUNAKEA COIN DESIGN CONTEST | Essay Contest

2021

FIRST PLACE, HIGH SCHOOL - Marissa R.
SECOND PLACE, HIGH SCHOOL - Anja H.
HONORARY MENTION - Timani M.
Class: Algebra II

VETERANS OF FOREIGN WARS | Voice of Democracy Audio Essay | Kona

2020

SECOND PLACE - Austin P.
THIRD PLACE - Makayla B.
Class: AP English Language & Composition

HAWAII ACCESS TO JUSTICE COMMISSION | The Hawaii Bar Foundation

2020

Award for essay on the student's volunteer work during the COVID-19 pandemic.
WINNER, WEST HAWAII - Josiah R.
Class: AP English Language & Composition

VETERANS OF FOREIGN WARS | Voice of Democracy Audio Essay | Kona

2019

Winning students presented speeches at awards banquet.
FIRST PLACE - Kulani P.
Class: AP English Literature & Composition





STUDENT HONORS & AWARDS ISLAND / LOCAL (2)

Classes and clubs taught by Frederick Herrmann

HAWAII COUNTY COUNCIL, CERTIFICATE OF RECOGNITION

2019

Awarded to AeroSpace Meridian for Grand Prize in the NASA Ames Space Settlement Contest.
 Josiah D., Josiah R., Austin P., Hana H., Madeleina W., Raychelle L., Maya C., Nolan P., Jayde W., Christian W., Logan R.
 Class: Space Club

VETERANS OF FOREIGN WARS | Voice of Democracy Audio Essay | Kona

2018

Winning students presented speeches at awards banquet.
FIRST PLACE - Caitlyn P. Essay published in *West Hawaii Today*.
SECOND PLACE - Kulani P.
THIRD PLACE - Witney O.
 Class: AP English Language & Composition

VETERANS OF FOREIGN WARS | Voice of Democracy Audio Essay | Kona

2017

Winning students presented speeches at awards banquet.
FIRST PLACE - Noa B. Essay published in *West Hawaii Today*.
SECOND PLACE - Katie M.
THIRD PLACE - Kelly C.
 Class: AP English Literature & Composition

AUTOBODY HAWAII | Essay Contest

2017

WINNER - Neena C.
 Class: AP English Language & Composition

THE SHOPS AT MAUNA LANI | Photography Competition | West Hawaii

2016

FIRST PLACE - Taylor M.
 Class: Film & Photography

YOUNG AT ART | Exhibition

2016

NOMINATION & EXHIBITION - Riley P.
 Class: Film & Photography

HAWAII COUNTY COMMITTEE ON THE STATUS OF WOMEN | Real Women Creative Writing Competition

2014

SECOND PLACE - Savannah P.
 Class: AP English Literature & Composition



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STUDENT HONORS & AWARDS ISLAND / LOCAL (3)

Classes and clubs taught by Frederick Herrmann

AUTOBODY HAWAII | Essay Contest **2013**

WINNER - Lauren M.
Class: AP English Language & Composition

KEAUHOU SHOPPING CENTER | Television Commercial Competition **2013**

FIRST PLACE - Entire Class. Commercial aired on Big Island Television for 1 year.
Class: Film & Photography

KEAUHOU SHOPPING CENTER | Television Commercial Competition **2012**

FIRST PLACE - Entire Class. Commercial aired on Big Island Television for 1 year.
Class: Film & Photography

AUTOBODY HAWAII | Essay Contest **2012**

WINNER - Brandt M.
Class: AP English Literature & Composition

KEAUHOU SHOPPING CENTER | Television Commercial Competition **2011**

FIRST PLACE - Entire Class. Commercial aired on Big Island Television for 1 year.
Class: Film & Photography

KEAUHOU SHOPPING CENTER | Television Commercial Competition **2010**

SECOND PLACE - Entire Class.
Class: Film & Photography



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STUDENT LABS & CONFERENCES & PRESENTATIONS

Space Center Houston | NASA HUNCH

2024

HOUSTON, TX

Joshua R., Alex L., Anella M., Abigayle B., Quinten W.

Students presented their prototype designs for Lunar Art to NASA engineers. April 2022.

Space Center Houston | NASA HUNCH

2023

HOUSTON, TX

Anja H., Mika C., Lynelle Y.

Students presented their prototype designs for Lunar Habitat Chair to NASA engineers. April 2022.

Councilman Holeka Inaba | StarLion Rescue

2023

MAKUA LANI CHRISTIAN ACADEMY, KAILUA-KONA, HAWAII

Calvin B., Jaxen F., Anja H., Mika C., Lynelle Y.

Students presented drone-based search-and-rescue plan for victims lost at sea. May 2023.

Hawaii Space Flight Laboratory

2022

HONOLULU, HI

Calvin B., Jaxen F., Anja H., Mika C., Lynelle Y., Carter R.

Engineering students of UH Manoa worked with Star Lions students to finalize NASA TechRise experiment. Included Vibration Table test. June 2022.

Space Center Houston | NASA HUNCH

2022

HOUSTON, TX

Calvin B., Mikella C., Andrew O., Jaxen F., Anja H., Mika C., Lynelle Y.

Students presented their prototype designs for Lunar Habitat Shoes and Magnetic Boots to NASA engineers. April 2022.

Hawaii International Conference on Education

2022

WAIKOLOA, HI

Andrew O., "The Impact of Emotional Stability and Conscientiousness on Procrastination Behavior," January 2022. Quantitative analysis employing Pearson Correlation Coefficient on high school and post-high school student groups.

international Space Development Conference (ISDC 2021)

2021

VIRTUAL - ONLINE

AEROSPACE MERIDIAN. Mikella C., Jaxen F., Hana H., Andrew O., Austin P., Josiah R., Christian T.

Students presented their space station project ASM Venus; recorded. Students received cash award in lieu of ISDC event.



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STUDENT LABS & CONFERENCES & PRESENTATIONS (2)

International Space Development Conference (ISDC 2019)

2019

WASHINGTON, DC

AEROSPACE MERIDIAN: Josiah D., Josiah R., Austin P., Hana H., Madeleina W., Raychelle L., Maya C., Nolan P., Jayde W.

Students traveled to the Capitol to present their Grand Prize space settlement design at the ISDC Gala Dinner. They received a standing ovation. Students toured the Capitol Building, the Smithsonian, the International Spy Museum, the US Mint, and the National Archive.

Alliance for Space Development

2018

HONOLULU, HI

Josiah D., Austin P., Hana H., Madeleina W., Raychelle L., Nolan P.

Presentation in advocacy of space development for staffers of US Senator Schatz and US Senator Hirono. Federal Building, Honolulu. October 2018.

International Space Development Conference (ISDC 2018)

2018

LOS ANGELES, CA

AEROSPACE MERIDIAN: Josiah D., Josiah R., Austin P., Hana H., Madeleina W., Raychelle L., Maya C., Nolan P., Jayde W.

Students present their 1st Prize space station design concepts to the Lunar subgroup.

NASA BASALT

2017

VOLCANO, HI

Josiah D., Hana H., Madeleina W., Raychelle L., Nolan P., Maya C., Austin P.

Students attend simulated NASA Mars ground station, test Mars surface VR goggles, interview NASA psychologist.

International MoonBase Alliance

2017

KOHALA COAST, HI

ERRANTES VITAM: Enjolique H., Shanti E., Noa B., Whitney O.

Students recruited as delegates, operate in multiple subgroups, collaborate on moonbase planning.

International Space Development Conference (ISDC 2017)

2017

ST. LOUIS, MO

ERRANTES VITAM: Enjolique H., Shanti E., Noa B., Whitney O., Kelly C.

Students present their 1st Prize space station design concepts to the Financial subgroup.



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STARLION RESCUE PROGRAM

STARLION RESCUE

March 2022 to August 2023



StarLion Rescue - The use of Unmanned Aerial Vehicles for a search-and-rescue program aimed at rescuing lost hikers and swimmers pulled out to sea in the State of Hawaii.

The StarLion proposal was reviewed by Hawaii County officials in August 2023. The officials remarked that many of the ideas were novel and may be employed by the State in the future.

The program concept originated with Makua Lani Christian Academy's Aerospace Design students, who were working under a community program sponsored by the Hawaii Space Flight Laboratory.



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AEROSPACE PATENTS

PATENT APP. # 19/415,739

FILED DEC 2025

SPACE WINGS SUIT

INVENTORS: Frederick Herrmann, Caleb Smith, Kapono Corpus, Alexander Lim, Christian Williams, Brandon Buehler

Inventors are the teacher, co-teacher, and four high school students.

PATENT US 2021/0163156 A1

PUBLISHED JUNE 2021

SELF-HEALING SHIELD CONFIGURED TO PROTECT AN ENVIRONMENT FROM HIGH VELOCITY PARTICLES

INVENTORS: Andrew Olafsrud, Austin Pham, Christian Williams, Frederick Herrmann

Lead and second inventors were high school students at the time of patent submission.



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LAUNCHES

NASA TECHRISE | HIGH ALTITUDE BALLOON LAUNCH

2024

ADJUSTABLE LANDING LEGS DESIGN & PROTOTYPE

SPACE CLUB (Middle School): Kapono C., Caleb S., Jaedon L.

Mission concept by Kapono C. Under the mentorship of a NASA engineer, students designed and built the prototype of their design. Launch date 12 August 2024.

The result of some launches cannot be publicly discussed.



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MATHEMATICS PAPERS

Works are original to the best of my knowledge.
All papers registered with the US Copyright Office.

Mathematica Exploratio II

June 2025

- Multiple novel methods for solving polynomial roots are explored.
- Includes the equation for the Prime Solution Anomaly.
- The solution to special quadratic equations is proven to be the summation of a Catalan series.

Explorations on the Euler Constants

April 2025

- Several algorithms are explored for producing the Euler gamma constant.
- Visualizes the Euler exponential constant as a spherical surface.
- Defines multiple geometric locations of the Omega Constant.

The Hang Time Method for Solving Projectile Height and Velocity

September 2024

- A novel technique for finding the initial velocity and maximum height of vertical projectiles.
- Easy mathematics (no trigonometry or calculus) and appropriate for middle school or high school.

Delta Method for Solving Quadratic Equations and Special Cubic Equations

JUNE 2024

- A new method for solving parabolic roots based on the concept of measuring the amount of change in area optimization problems.
- The method is can be taught in high school or advanced middle school.
- Each step of the method is cognitively intuitive, not simply algebraic.
- This method can be applied to cubic equations for which the outer roots are evenly spaced from the inner root.



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MATHEMATICS PAPERS(2)

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All papers registered with the US Copyright Office.

Ten Novel Methods for Solving Quadratic Roots

July 2023

- Introduces ten novel methods for solving parabolic roots.
- I have tested the Vertex Method in the classroom for multiple years and the students prefer it over the Quadratic Formula.
- The methods include examples, proofs, and visuals.

The 3-Space Method for Solving Parabolic Roots

September 2021

- A new method for solving parabolic roots that utilizes circular paraboloids.
- Simpler than the quadratic formula.

Mathematica Exploratio I

June 2021

- Introduces three new methods for solving parabolic roots.
- Includes a method for finding the constant of an integrated derivative with only one given point on a parabola.
- Includes theorems and discussions on parabolas.



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PAPERS & PRESENTATIONS

St. Joseph's High School

January 2026

"Not Too Little to Learn!"
 Hilo, HI. Professional development session.

SUMMARY: This professional development session analyzes peer-reviewed studies on the Pygmalion/Rosenthal Effect and the Crystallizing Experience. Though the latter is often a descriptor of gifted children, I instruct the teachers how to create opportunities to use the Rosenthal Effect and Crystallizing Experience in neurotypical classrooms. I provide two examples from my own practice: Teaching quantum mechanics with integral calculus to 8th graders and teaching graduate-level quantitative research to upper classmen. The presentation was well-received and the feedback forms indicated that most teachers were willing to incorporate the strategies.

Hawaii International Conference on Education

January 2022

"The Differences in the Motivation of High-GPA and High-IQ Students."
 Waikoloa, HI. Research proposal.

SUMMARY: Gifted & Talented are the most unreached group of Special Education students. They are a distinct group from academically gifted students, and the degree of non-overlap exceeds the degree of overlap between high-IQ and high-GPA students. Understanding the motivational construct of gifted students will help teachers identify them, teach them, and help them succeed after high school - this latter point being non-trivial, since many gifted students struggle in their careers after graduation.



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EDUCATOR AWARDS

Space Educator of the Year | National Space Club March 2022 Goddard Memorial Dinner | Washington, DC

“Frederick Herrmann, Educator and the Director of the Astronautics & Space Program at Makua Lani Christian Academy in Kailua-Kona, Hawaii, will receive the Space Educator Award. He is recognized for his creativity and dedication as a career space educator who engages, inspires, and educates students about the space frontier. Mr. Herrmann, a prime example of a phenomenal space educator, provides research opportunities and career guidance to create the next generation of space professionals.”



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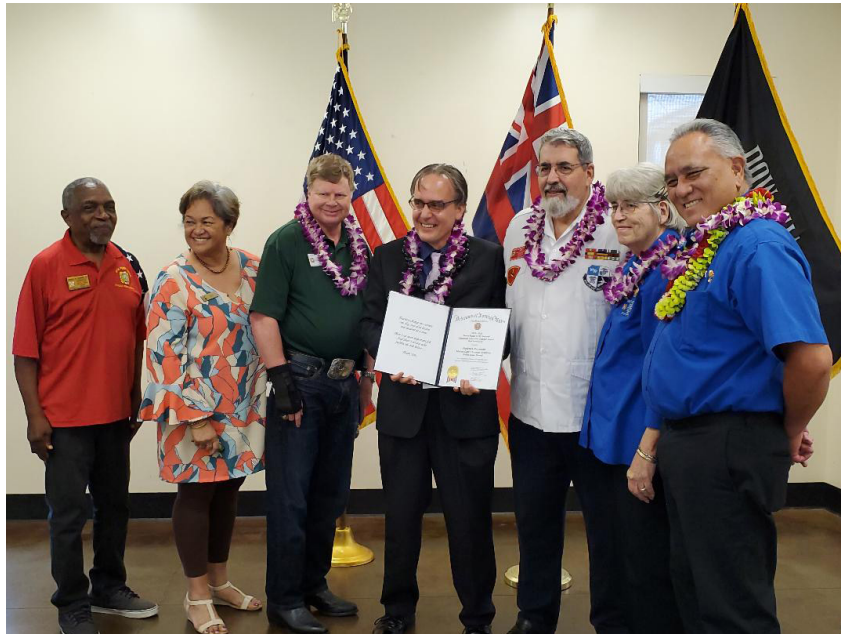
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EDUCATOR AWARDS (2)

**Teacher of the Year | State of Hawaii
Veterans of Foreign Wars | Honolulu, HI**

February 2019

Candidates are recommended by parents of students and selected by VFW local and state committees.



**Certificate of Special Recognition
Governor David Ige**

May 2017

In recognition of the student team Errantes Vitam winning 1st Place in Category in the NASA AMES NSS Space Settlement Contest.



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F / H	Frederick Herrmann	
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CERTIFICATIONS

Technician License - FCC

July 2025

Amateur Radio

Call Sign - WH6HFD

PCEP™ - Certified Python Entry-Level Programmer
Python Institute

May 2025



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SAMPLE CLASS PROJECTS

Produced by students in classes instructed by Frederick Herrmann.



“Here I Stand” - 2016

Music Video
 Class: Praise & Worship
 Original lyrics, music and performance by The Wick.
 Produced with ProTools.
 Original music video. Produced with Adobe Premiere.



Exhibition - 2015

Photography exhibition.
 Class: Photography
 Full month of February, at Peaberry & Galette Cafe. Student photographs in extra large prints.



“Just Shine” - 2012

Music Video
 Class: Praise & Worship
 Original lyrics and melodies performed by students.
 Produced with Garage Band.
 Original music video. Produced with Final Cut 7.



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F <hr/> H	Frederick Herrmann	
	EDUCATOR	2026

PRODUCED FOR MLCA



PROFESSIONAL COMMERCIAL

Produced upon request for MLCA with multiple requested revisions. A 1-minute 43-second promo featuring students of various ages and the spiritual life, sports, drama, and academics of MLCA.



TELEVISION PROGRAM

A "shark tank" competition that took place at WM Keck Observatory, judged by scientists and engineers employed by WM Keck and Canada-France-Hawaii Telescope. Students competed for the best off-world human settlement. Program aired on the Kona Coast and the Hilo Coast.



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TEACHING EXPERIENCE

MAY 2025 - PRESENT

- Doctoral Student, George Fox University, Newberg, OR
- School of Education | Instructional Design & Development

AUG 2010 - MAY 2025

- Makua Lani Christian Academy, Kailua-Kona, HI
- High School Teacher, 8th Grade Teacher

OCT 2009 - AUG 2010

- Hoyleton Youth & Family Services, East St. Louis, IL
- Lead Teacher, Supervisor, Hispanic after-school program

JAN 2010 - AUG 2010

- My Tutor Learning, Belleville, IL
- Adult tutor

FALL 2008 - AUG 2010

- Mascoutah CUSD #19, O'Fallon CCSD #90 , BASSC : St. Clair County, IL
- Special Education Aid & Substitute Teacher, incl. Behavioral Disorder

APRIL 2007 - JAN 2008

- Project READ, Lewis & Clark Community College, Godfrey, IL
- Volunteer adult tutor for students with special needs

JAN 2006 - MAY 2006

- Western Youth Institute, Western Piedmont Community College, Morganton, NC
- ABE/GED instructor for prison inmates (youth prison)



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MAHALO



THANK YOU FOR PERUSING MY CV

For work references, previous work experience, additional education, or any other information, please contact me at:
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