

Building Futures - Opening Doors for the Next Generation

Hope Medina, CSP & CBO
Shums Coda Associates
Chair of the CCICC Building Futures Committee

Building Futures



THE FUTURE OF CODE OFFICIALS

Results and Recommendations from a Demographic Survey



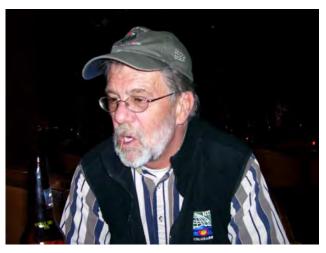
National Mass Exodus and How this Affected the Colorado Chapter





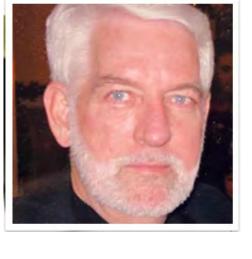
National Mass Exodus and How this Affected the Colorado Chapter

 Second Generation Founding Fathers retiring and passing away













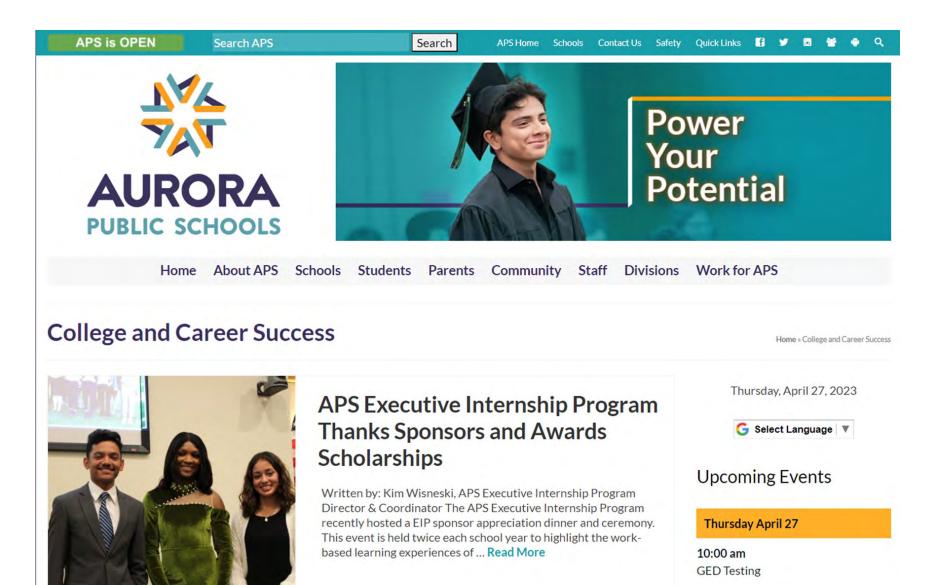
Spark of A Crazy Idea

 Gov John Hickenlooper Announces \$9.5 Million to Launch Statewide Youth Apprenticeship and Career Readiness Programs The Official Site of Governor Hickenlooper

News segment on Aurora Public Schools new program



Partnerships From Unusual Locations







Aurora Public Schools Digital Badging Initiative 21st Century Credentials

Recognizing Assets, Opening Doors.































The Committee's Mission

- Bring young people into the trades
- Support the second career in the trades
- Support those who are in the trades



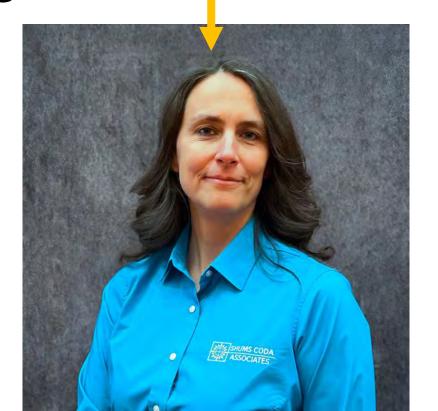


• What's in a name?



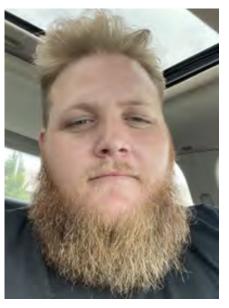
- What's in a name?
- Know the audience

Grey Hair



No Grey Hair









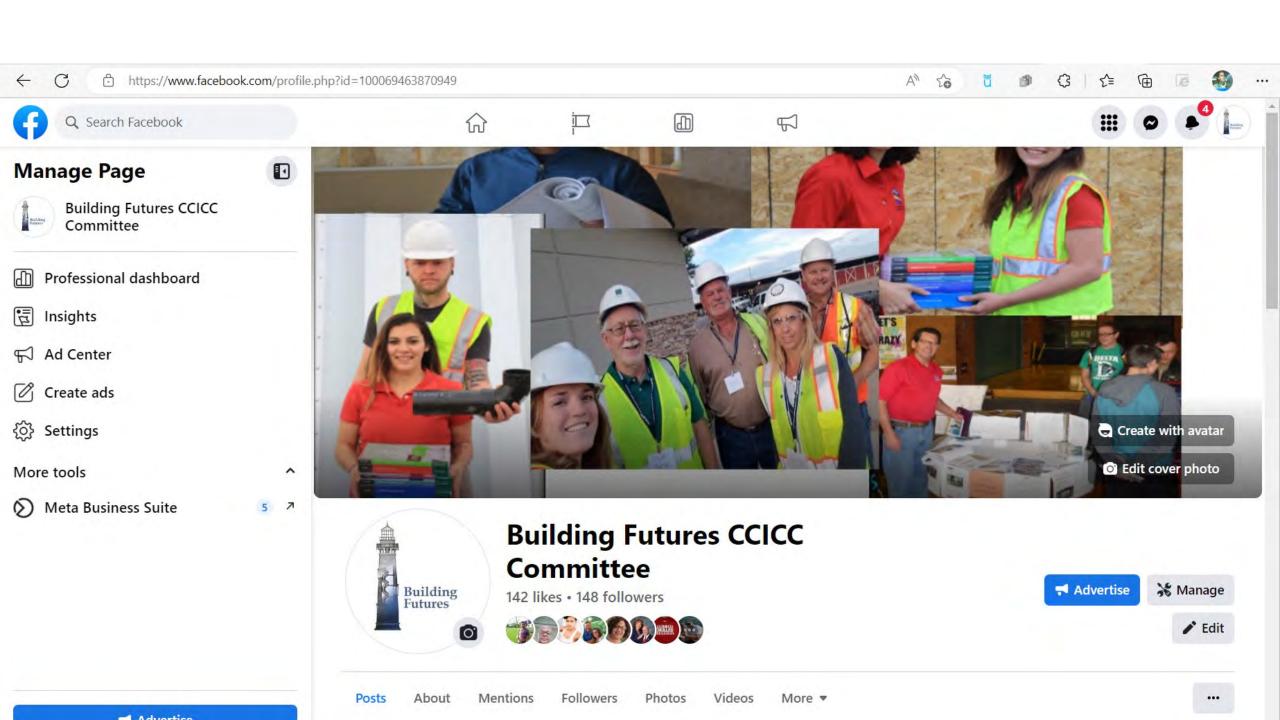








- What's in a name?
- Know the audience
- Get social
 - Facebook, Twitter, LinkedIn, or what?





- What's in a name?
- Know the audience
- Get social
- Get a committee
 - Volunteers not voluntold





- What's in a name?
- Know the audience
- Get social
- Get a committee
- Create brochures



Getting Started...

APPRENTICESHIP

An opportunity to gain the trade skills through classroom education and working in the field under supervision.

MENTORING or INTERNSHIP

Companies offer internships for individuals interested in construction.

This often results in a position.

TRAINING at SCHOOLS

Many school districts and colleges are offering courses and programs in the construction field through.

JOBS

Part-time or Summer jobs with a trade or company.

Who We Are

The Colorado Chapter of the International Code Council (ICC) is a non profit organization comprised of code officials, contractors, architects, engineers, industry, manufacturers, representatives of the trades and other organizations.

The Colorado Chapter of ICC is dedicated to the improvement of building safety by promoting and improving the International Codes, educating the building industry, public, and our membership while providing mutual aid to building professionals.

Contacts

Building Futures Committee Colorado Chapter of ICC

Hope Medina hmedina@coloradocode.net Dan Reardon dreardon@coloradocode.net

Don Marchbanks dmarchbanks@co.routt.co.us

Jessica Arvanites jarvanit@cityofwestminster.us

CAREERS IN CONSTRUCTION



CREATING YOUR OWN CAREER PATH



Colorado Chapter of International Code Council www.coloradochaptericc.org



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Why Construction?

Construction is a growing field; however, much of the workforce is aging. Fewer people are entering the construction industry than the number of people retiring. Now is a great time to start your career in construction and be in demand. Benefits of a career in the construction field include:

- Lifelong Career
- Financial Benefits
- Multiple Disciplines

Self Satisfaction

Advancement Opportunities

Construction is Constantly Evolving

Construction Is More Than Swinging a Hammer...

Workers in the construction field include individuals who have gone into a trade, or completed further education to obtain a degree or certification. Some disciplines in the construction field include:

- Architect
- Engineer
- Surveyor
- Masonry
- Framer- Carpenter
- Electrician
- Plumber
- Mechanical contractor
- Energy Auditor
- ☐ Construction Management
- Designer
- Glazier
- Solar
- Welding



Bring Your Skills To A New Level...

Career opportunities are available for individuals with experience and or International Code Council (ICC) certifications in the construction field. The misconception that construction is a dead-end job is incorrect. Local governments and private businesses have career opportunities in code administration and building inspection for those who are interested. Some common government jobs related to construction include:

- Plans Examiners
- Inspectors
- Permit Technicians
- Special Inspectors
- Code Officials
- Instructors
- Planners



COLORADO CONSTRUCTION CAREER DAYS

The Colorado Chapter of ICC participated with the Colorado Construction Career Days for many years. In the past the Chapter has sponsored a booth and provided important information on

- · building codes
- . jobs in the building safety profession
- · cases for students to work through

Code Officials enjoy volunteering as group leaders and taking students around to the educational booths.



What is Colorado Construction Career Days?

This is a yearly event sponsored by the industry for high school juniors and seniors to be exposed to a wide variety of careers available in the construction field.



Colorado Chapter of ICC

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The Colorado Chapter of ICC is dedicated to the improvement of building safety, by promoting and improving the International Codes, educating the building industry, public, and our membership, and providing mutual aid to building professionals.



Colorado Chapter of ICC www.coloradochaptericc.org

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Jim Beaver

Jim.beaver@cityoflonetree.com

Sheila Cross

scross@parkco.us



INVESTING IN THE FUTURE

Building Futures Committee





Building Futures Committee

The Colorado Chapter of ICC created a committee with a mission of reaching out and empowering the next generation of code officials and construction professionals.

The Building Futures committee is opening doors and encouraging active involvement from the membership of the Colorado Chapter of ICC and the construction industry.

The Committee is dedicated to providing education about building construction, the International Codes, and building safety.

We want to shape the future, and in doing so we look forward to our own.

The Building Futures committee is creating opportunities for those interest in the construction field by doing the following.

- Connecting people who are interested in construction with participating companies for mentorship, internships or jobs
- Providing a model internship program for building departments.
- Assisting with School Districts
- Offering a program for students to obtain ICC certifications
- Create a code book depository to assist participants with ICC certifications
- Participation in High School Career Days
- Participation in Job Fairs





WE WANT YOU!

We are looking for companies, jurisdictions, and individuals who would like to participate in these programs. If you would like to participate please fill out a contact form which is available on our website at www.coloradochaptericc.org/committees/building-futures/



- What's in a name?
- Know the audience
- Get social
- Get a committee
- Create brochures
- Make us visible





No Money, No Budget, No Problem

- What's free?
- What does your chapter already have or use?
- Donations
- Contacts talents



Created for us by an architect

Building Futures





Networking

- Communications
 - Webpage on the Chapter's website
 - Long reports at BOD meetings and Chapter meetings
 - Shake hands











Home Education Membership Committees Calendar Documents Jo

Jobs About Building Guides

Chapter Meetings H

Happenings

CCICC is Dedicated to Building A Safer World

The Colorado Chapter of the International Code Council is dedicated to the improvement of building safety, by promoting and improving the International Codes, educating the building industry, public, and our membership, and providing mutual aid to building professionals.

Sawn Lumber Grade Marks and Alternatives to Grade Marks

Sawn Lumber Grade Marks and Alternatives to

Free Energy Codes Training

Building Codes
Support Program

ICC Chapter Monthly updates

2023 ICC Chapters April Update

Approved 2022 Bylaws revisions

REGION XI website

2022 Master Calanda

Waiting for assets.msn.com...







My Account Cart Checkout











Home Education Membership Committees Calendar Documents Jobs About Building Guides Chapter Meetings Happenings

Building Futures

Home Home Committees Building Futures

Committees

Contractor Testing

Building Futures

- · High School
- Mentoring
- Upcoming Events
- Videos

Corporate Affairs & By-Laws

Disaster Mitigation



Welcome to the Colorado Chapter's new committee.







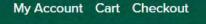














Home Education Membership Committees Calendar Documents Jobs About Building Guides Chapter Meetings Happenings

High School

Home > Home > Committees > Building Futures > High School



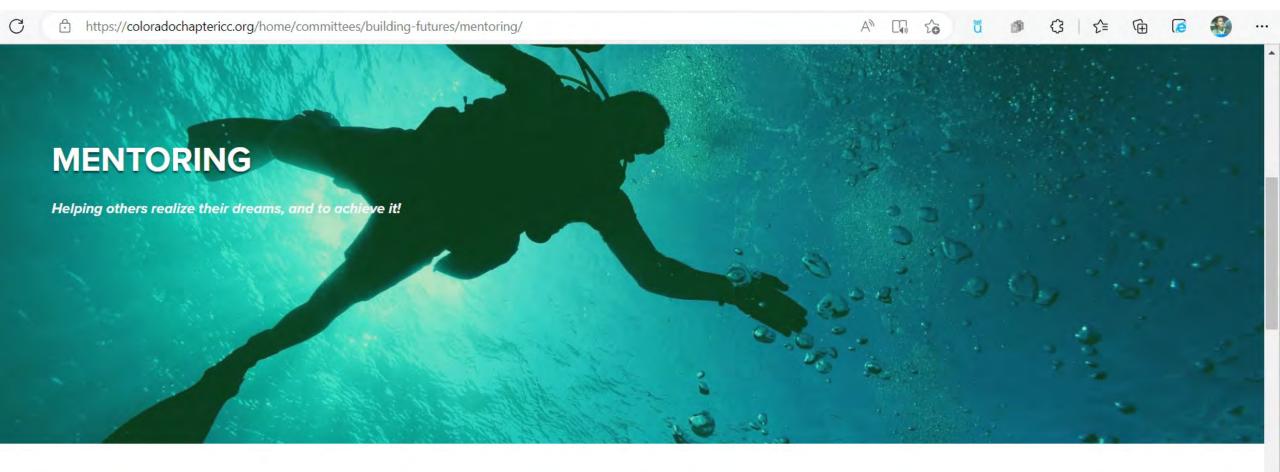
- Mentoring
- Upcoming Events
- Videos

Corporate Affairs & By-Laws

Disaster Mitigation

BUILDING FUTURES MAKING CONNECTIONS ON THE WESTERN SLOPE





MENTORING TO GET YOUR ICC CERTIFICATION

The Building Futures committee has created a program to have a mentor to assist those wanting to obtain an







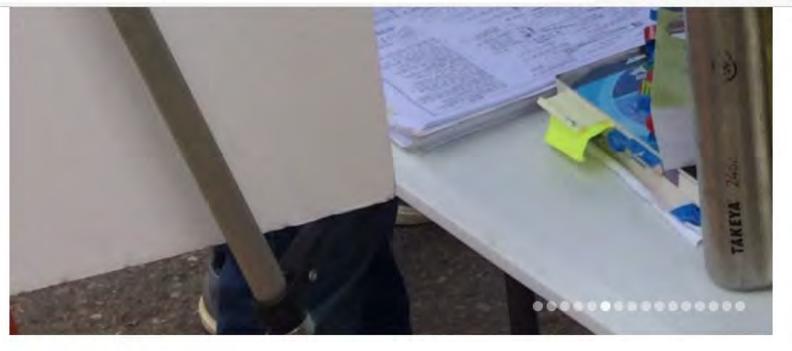












UPCOMING EVENTS

Building Futures with a Career in Construction Steamboat Springs, Colorado

The Colorado Chapter's Building Futures Committee has put together our second annual event in Steamboat Springs. We are creating an event for high school students to experience a hands on workshop of the construction trades. This event is to benefit our up and coming work force and give some direction and options for a career in construction. The students will have an opportunity to meet professionals from many fields by participating with the new version of a "hands on" explanations of each booth at the event.

It's never too early to get involved this event. We are looking for vendors to participate, group leaders, event volunteers,















Videos

Home Home Committees Building Futures > Videos

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- High School
- Mentoring
- Upcoming Events
- Videos

Corporate Affairs & By-Laws

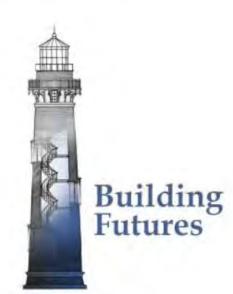
Disaster Mitigation

Legislative

Standardization

Chapter Meetings

Code Development



BUILDING FUTURES VIDEO SERIES

- Code Officials Helping to Shape the Future
- Our Commitment to Training the Next Generation, The **Building Futures with a Career in Construction**



Programs Implemented

Match program- Students



WE CURRENTLY HAVE A
WAITING LIST OF
STUDENTS WAITING FOR
A JOB IN CONSTRUCTION

DEVELOPMENT ST COMPANY TO PARTICIPATE

IN OUR PROGRAM

INVESTING
IN OUR
IN OUR
FUTURE



Programs Implemented

- Match program- Students
- Mentoring program



THE BUILDING FUTURES COMMITTEE
RECOGNIZES THE NEED FOR HELP
AMONG THOSE TRYING TO OBTAIN
AN ICC CERTIFICATION. IMAGINE THE
GUIDANCE, KNOWLEDGE, AND
EXPERIENCE YOU COULD PASS ALONG
TO SOMEONE GETTING INTO THIS
FIELD.

GET INVOLVED!

Visit us at our webpage.

https://coloradochaptericc.org/?page_id=7560&preview=true



MENTOR PROGRAM

ARE YOU WANTING TO GET YOUR
ICC CERTIFICATION? Building
Futures

Futures has created a program to
assist you with this goal by
matching you with a mentor. If you
are interested fill out an application
at our webpage.

VISIT OUR WEBPAGE

https://coloradochaptericc.org/ committees/building-futures/mentoring/



Programs Implemented

- Match program
- Mentoring program
- High School Support
 - Career Fairs







Programs Implemented

- Match program
- Mentoring program
- High School Support
 - Career Fairs
 - HSTTP Support



WORKSHOP FOR HIGH SCHOOLS:

WHAT IS THE HIGH SCHOOL TECHNICAL

TRAINING PROGRAM?

Join the Building Futures Committee of the Colorado Chapter of International Code Council (CCICC), for an interactive and free workshop for individual schools and schools districts. The workshop will provide information on a program administered by the school, which will provide career training in construction for high school students. The workshop will focus on the International Code Council's (ICC) High School Technical Training Program, where students have an opportunity to obtain an ICC certification in construction. The Key note speaker is James Ellwood, ICC's liaison of the High School Technical Training Program. The workshop has been coordinated with the Colorado Chapter of ICC's annual Education Institute where participants will have the opportunity to interact with local building code officials, plans examiners, inspectors, permit technicians, engineers, architects, and contractors.



TUESDAY MARCH 6, 2018, 8:30-12:00

THE MARRIOT DTC

4900 S SYRACUSE ST. DENVER, CO

COST: Free

REGISTER: Here

FOR: High School Program

ANY QUESTIONS: Hope Medina

hmedina@colroadocode.net

INTERNATIONAL CODE COUNCIL

PRESENTED BY:

The Colorado Chapter of ICC

And

International Code Council

- Offered the event at our education week.
- Jim from ICC came out to speak to the high schools.
- They got to see what their students could achieve in the field

Centennial High School-Pueblo Colorado Class Training



Centennial High School- Pueblo Colorado Field Training Habitat For Humanity





BUILDING FUTURES FOR A CAREER IN CONSTRUCTION SAVE THE DATE

The Colorado Chapter of International Code Council's Building Futures Committee will be holding an event in Denver for high school teachers and administrators to become familiar with new opportunities in the construction field that await your students.

We will look at programs such as the International Code Council's High School Technical Training Program where students work with the building codes to pass tests and receive certificate of completion as Building Code Specialists recognized by professionals in the construction industry throughout the Nation.

We will explore the many job opportunities currently available for students.

We will talk about local schools participating in competitions and where this can lead to for your students, your instructors, and your district.

The level of interest in these contemporary and exciting opportunities will generate a lively question/answer session.

Please join us so we can show you how we, the Building Futures committee, can work with you to provide many additional career choices leading to a bright and exciting future for your students.

PRESENTED BY:

Building Futures

The Colorado Chapter of ICC's Building Futures Committee

And

The International Code Council

TUESDAY, JUNE 4, 2019

REGISTER: HERE (Only 20 spots

COST: Free

available)

Crown Plaza Denver

9:00am-12:00pm

hmedina@coloradocode.net

1450 Glenarm Place Denver, CO 80202

CONTACT: Hope Medina

Offered the event at the Leadership Academy.

They got to see speak with the other leaders from around the country



Programs Implemented

- Match program
- Mentoring program
- High School Support
 - Career Fairs
 - HSTTP Support
 - Support

Westminster High School





Programs Implemented

- Match program
- Mentoring program
- High School Support
 - Career Fairs
 - HSTTP Support
 - Support
- Study Guide Check-out program



Annual Events

- Building Futures with a Career in Construction
 - Steamboat Springs
 - Montrose- 2022 & 2023 only





TUESDAY JUNE 4, 2019 BUILDING FUTURES FOR A CAREER IN CONSTRUCTION

AN EVENT FOR HIGH SCHOOL TEACHERS AND ADMINISTRATORS

The Colorado Chapter of International Code Council's Building Futures Committee will be holding an event in Denver for high school teachers and administrators to become familiar with new opportunities in the construction field that await today's students.

We will look at programs such as the <u>International Code</u>
<u>Council's High School Technical Training Program</u>, where
students work with the building codes enabling them to pass tests
and receive certificates of completion as Building Code
Specialists recognized by professionals in the construction
industry throughout the nation.

We will explore job opportunities that are currently available for students. We will talk about local schools participating in competitions and where this can lead to for your students, your instructors, and your district.

The level of interest in these contemporary and exciting opportunities will generate a lively question/answer session.

Please join us so we can show you how we, the Building Futures committee, can work with you to provide many additional career choices leading to promising futures for your students.

PRESENTED BY

The Colorado Chapter of the ICC Building Futures Committee and the International Code Council Careers Available in the Construction Field

Best Practices for ICC's High School Technical Training Program

> Building Code Specialist Advantage

National ICC staff on-site



Crown Plaza Denver 1450 Glenarm Place Denver, CO 80202

Tuesday, June 4, 2019 9:00 a.m. – Noon

COST: Free

REGISTER: HERE (Only 20 spots available)

CONTACT: Hope Medina



SEPT. 23 2020 BUILDING FUTURES WITH A CAREER IN CONSTRUCTION

2nd Annual High School Career Event

An event for high school students grades 11 and 12 to get them on a career path in the world of construction and other beneficial trades



Event will begin at 8 and run to 2:30

An opportunity to see all the different areas in the construction field

With a little hands on for a better understanding of the trade

Meet professionals in your field of interest

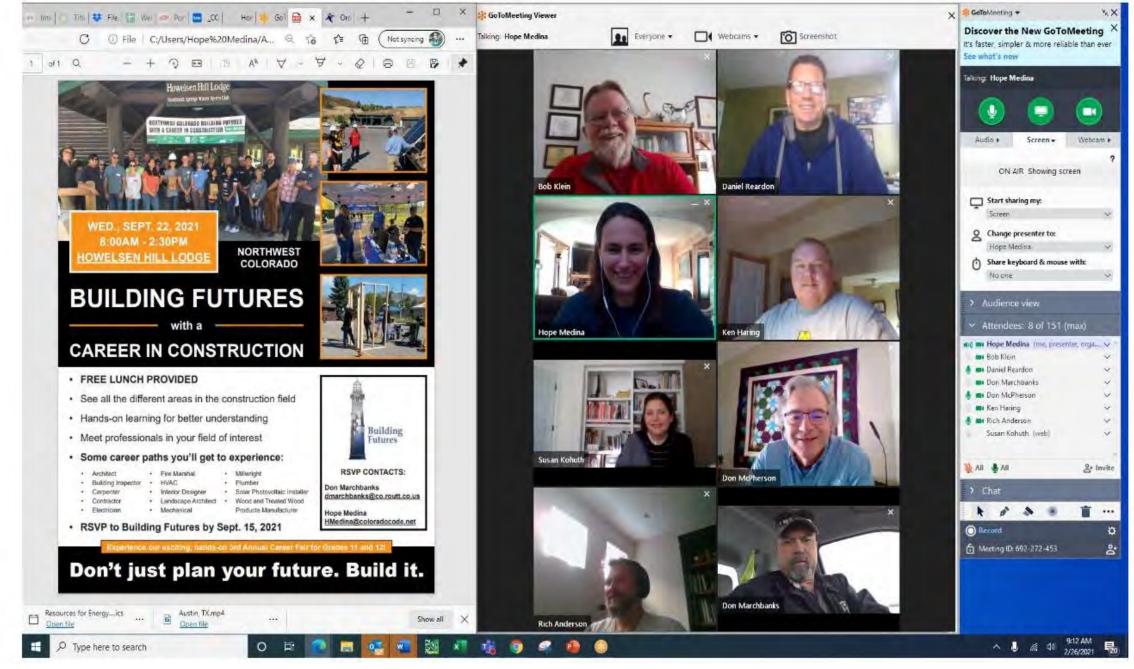
Lunch will be served

CONTACTS:

Don Marchbanks dmarchbanks@co.routt.co. us Hope Medina HMedina@coloradocode.n

RSVP by Sept. 4,2020









HAVE YOU CONSIDERED A CAREER IN BUILDING AND CONSTRUCTION?







Jobs to Fill by 2027: 45,000

Average Salary: \$61,559

Industry Growth: 25% by 2027

LEARN HOW TO FRAME A WALL!

Join us for this unique opportunity!

You will gain real-life work experience while you network with industry professionals in fields like carpentry, plumbing, HVAC, inspectors, and more!

*** FREE LUNCH PROVIDED! ***



4th Annual Building Futures with a Career in Construction Career Fair



2nd Location 400 students -2022 600 students -2023



CONSTRUCTION AND TRADES

Building Futures Career Day & Summer Hiring Fair

Friendship Hall • March 17 • 9:00 am - 3:00 pm

Students are invited to learn about opportunities and career fields around the Western Slope while participating in hands-on activities in the trades industry. Attendees will experience construction, carpentry, masonry, plumbing, mechanical HVAC, electrical, excavation, concrete, tile, fencing, gutters, windows and doors, solar and energy related careers, welding, fabrication, drywall and Stuco, roofing, cabinetry, finishing work, and much more. A variety of technical and trade post-secondary schools will be showcasing training and certification opportunities. Montrose Workforce Center will promote summer job employment and apprenticeship recruitments.

Community Trade Partners

Stryker and Company, Wilmore and Associates, 1776 Contractors, Alpine Lumber, NFPA, Dynamic Fire Protection, Montrose Fire Department, The Drywall Supply Yard, Allison Construction, Haynes Excavation, Hoover Treated Wood Products, Alpine Edge Engineering, DMEA, Solar Energy International, Glen Ahlberg, Empowered Energy System, Deeply Digital, Energywise Sustainable Products, Aaron St. Peter Roofing, Dragon Armor, Charles Freudenthal - Masonry, Cam Electric, Thomas Avila Concrete, Elevate Internet, Pederson Electric, One Hour Heating, Benjamin Franklin Plumbing, Musselmann Enterprises, Trailer Made Custom Trailers. Plus more.

Post-secondary Partners

Technical College of the Rockies showcasing CAD-design, construction Management, civil engineering, electrical, welding; Western Colorado Community College & Colorado Mesa University with welding, engineering, machining and construction management; Western Colorado University with STEM and engineering programs, Lincoln Tech, Colorado Mountain College welding and other programs; Army National Guard, and Western States College of Construction displaying electrical, HVAC, pipefitting, plumbing, and sheet metal careers. Plus more.

Community Businesses Hiring

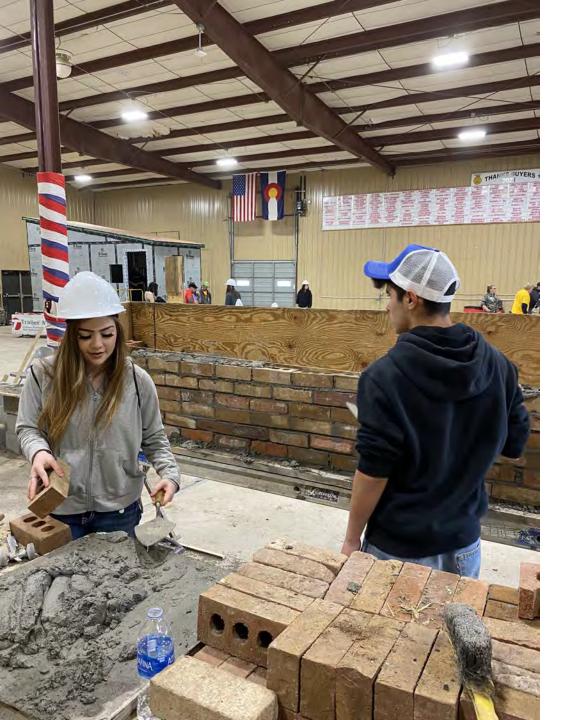
City of Montrose, Montrose Recreation District, Montrose Library District, City of Ouray Hot Springs Pool, USC Labor Solutions, Telluride Gravel, Ridgway State Park, True Value Montrose Hardware, Culver's and other fast food industry. Plus more.

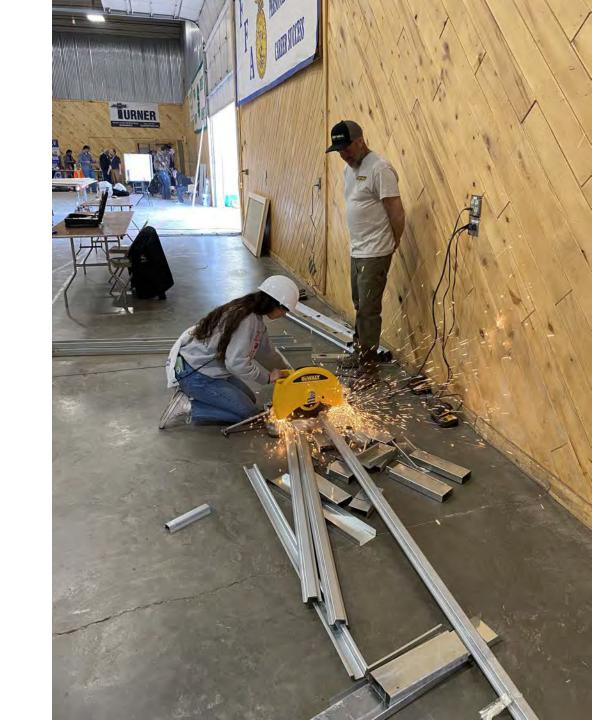




Annual Events

- Time to set up
- Safety gear required
- Lunch coordination
- Insurance
- Getting schools to allow their students to attend
- Permission to use images













Where Are We Today

 3 students from the Steamboat Springs event have been hired by companies who participated in the event

• 1 student was hired by a company who participated in the Montrose event



Where Are We Today

Committee was featured at ICC ABM in 2022





Where Are We Today

- Committee has been featured at ICC ABM in 2022
- Steamboat Springs event was featured for Building Safety Month under the Colorado Division of Fire Prevention as a video
- We have assisted with over 10 certifications obtained



Establishing Partnerships

- Teachers/Schools
- Communities
- Companies



One Person Can Make a Difference

Me, Myself, and I

Negative Nelly

Use Your Help



Pitfalls to Avoid

- Be selective with your partnerships
- Don't be afraid to walk away
- Mentoring program
- Don't be afraid of the low hanging fruit











Building Futures





THANK YOU!

Hope Medina Shums Coda Associates

Hope.medina@shumscoda.com