Candidates for University Honors Scholar

Tori Applehans, Fish, Wildlife and Conservation Biology major with Conservation Biology concentration
Thesis title: *Invertebrate Community Composition Variability by Wetland Type and Duckling Survival in Mallards (Anas platyrhynchos) and Gadwals (Mareca strepera) in North Park, Colorado*
Thesis adviser: David Koons, Fish, Wildlife and Conservation Biology

Anna Baize, Fish, Wildlife and Conservation Biology major with Wildlife Biology concentration
Thesis title: *Evaluating the Effectiveness of Webinars in Sharing Scientific Knowledge about Wolf Reintroduction in Colorado*
Thesis adviser: Rebecca Niemiec, Human Dimensions of Natural Resources

Genevieve Barnett, Zoology major
Thesis title: *Queer(ing) Intimacy*
Thesis adviser: Maricela DeMirjyn, Ethnic Studies

Emily Bergmann, Natural Sciences major with Chemistry Education concentration
Thesis title: *Beyond First Impressions: A Photographic Look at Identity*
Thesis adviser: Pamela Vaughan Knaus, Honors Program

Christina Bland, Human Development and Family Studies major with Prevention and Intervention Sciences concentration, Cum Laude
Thesis title: *The Role of Self-Efficacy in Beneficial Outcomes for Participants of the AgingPLUS Study*
Thesis adviser: Manfred Diehl, Human Development and Family Studies

Sofia Boyer, Psychology major with General Psychology concentration
Thesis title: *An Exploration of Older Gay Women and Disclosure of Sexual Orientation at Work*
Thesis adviser: Jeanette Cleveland, Psychology

Jocelyn Bradford, Health and Exercise Science major with Sports Medicine concentration
Thesis title: *The Effects of Fitness Classes on Mood, Perception and Nicotine Use on the Incarcerated Population of Larimer County Community Corrections-Alternative Sentencing Department*
Thesis adviser: Rick Perry, Health and Exercise Science

Margaret Carr, Musica major with Music Therapy concentration, Cum Laude
Thesis title: *The Blurry Lines of Blurryface: The Relationship Between Art and Commerce*
Thesis adviser: John Pippen, School of Music, Theatre and Dance

Shawn Cheadle, Political Science major with U.S. Government, Law and Policy concentration and History major with General History concentration and Anthropology minor
Thesis adviser: Mike Mansfield, History

Shelbi Church, Health and Exercise Science major with Sports Medicine concentration
Thesis title: *Diet and Dementia: How Our Eating Habits Influence Our Brain Health*
Thesis adviser: Christopher Gentile, Food Science and Human Nutrition
**Cassandra Constine**, Health and Exercise Science major with Sports Medicine concentration, Magna Cum Laude
Thesis title: *Comparisons of Health Behaviors among College Students, Staff, and Faculty in the College of Health and Human Sciences at Colorado State University Before and During the COVID-19 Pandemic*
Thesis adviser: Kaigang Li, Health and Exercise Science

**Valerie Davis**, Soil and Crop Sciences major with Applied Information Technology concentration
Thesis title: *The Feasibility of the Internet of Things in Crop Production*
Thesis adviser: Raj Khosla, Soil and Crop Sciences

**Timothy Enroth**, Microbiology major, Cum Laude
Thesis title: *Optimization of Reporter Systems for use in Bacterial and Viral Diagnostic Tests*
Thesis adviser: Claudia Gentry-Weeks, Microbiology, Immunology and Pathology

**Kelly Erber**, Fermentation Science and Technology major and Business Administration minor
Thesis title: *Gluten-Free Grains in the Brewing Industry: How they differ from traditional grains*
Thesis adviser: Jeff Biegert, Food Science and Human Nutrition

**Linda Fischbacher**, Microbiology major and German and Chemistry minors
Thesis title: *An Examination of ChoD’s Function in the Mycolic Acid Membrane of Mycobacterium Smegmatis*
Thesis adviser: John Belisle, Microbiology, Immunology and Pathology

**McKenzie Fletcher**, Microbiology major, Cum Laude
Thesis title: *Whole Genome Sequencing Analysis of Hyper-Transformable Mycobacterium haemophilum and Gene Knockouts of Three Mycobacterium leprae Homologues in M. haemophilum using CRISPRi*
Thesis adviser: John Belisle, Microbiology, Immunology and Pathology

**Mira Gill**, Biomedical Sciences major and Spanish minor
Thesis title: *Analyzing the Effects of Variations in Lipid-Supplemented Differentiation Media in Cultured C2C12 Myotubes*
Thesis adviser: Shane Kanatous, Biology

**Benjamin Gillett**, Computer Science major with Computer Science concentration and Mathematics minor, Cum Laude
Thesis title: *Design of an Autonomous Unmanned Aerial Vehicle with Cellular Connectivity*
Thesis adviser: Benjamin Say, Computer Science

**John Gregory**, Fish, Wildlife and Conservation Biology major with Wildlife Biology concentration, Summa Cum Laude
Thesis title: *Modeling Abiotic and Biotic Factors Influencing Flea Abundance on Deer Mice in New Mexico*
Thesis adviser: Amanda Goldberg, Biology

**Sarah Gregory**, Human Development and Family Studies major with Pre-Health Professions concentration and French minor
Thesis title: *Concurrent Motor and Language Developmental Delays in Children with Down Syndrome*
Thesis adviser: Lisa Daunhauer, Human Development and Family Studies
Yasmeen Hack, Mathematics major with General Mathematics concentration and Computer Science and Physics minors
Thesis title: *Initial Relative Orbit Determination via Radio Frequency (RF) Signal Localization*
Thesis adviser: Patrick Shipman, Mathematics

James Hallstrom, Computer Science major with Computer Science concentration and Mathematics major with General Mathematics concentration, Summa Cum Laude
Thesis title: *From Dull to Vivid: Colorizing Grayscale Images*
Thesis adviser: Chuck Anderson, Computer Science

Bradley Harris, Construction Management major, Cum Laude
Thesis title: *Assessing Fire Resistant Roofing for Colorado Residential Homes*
Thesis adviser: Rodolfo Valdes Vasquez, Construction Management

Megan Hemphill, Neuroscience major with Behavioral and Cognitive Neuroscience concentration, Cum Laude
Thesis title: *An Analysis of the Interventions Used to Treat Internalizing and Externalizing Disorders of Childhood*
Thesis adviser: Michael Thomas, Psychology

Lauren Houdesheldt, Environmental Health major and Biomedical Sciences minor
Thesis title: *Combating the Spread of Zoonotic Diseases*
Thesis adviser: Judy Heiderscheidt, Environmental and Radiological Health Sciences

Maria Illenberger, Interior Architecture and Design major and Construction Management minor
Thesis title: *Design Strategies for a Recreational Activities Center: Fostering Community, Professional Development, and the Overall Well-Being of At-Risk Youth*
Thesis adviser: Leah Scolere, Design and Merchandising

Jacob Johnson, Business Administration major with Accounting concentration
Thesis title: *An Analysis of the Trump Administration Changes to the Tax Code on Personal Investment*
Thesis adviser: James Stekelberg, Accounting

Chance Johnston, Health and Exercise Science major with Health Promotion concentration
Thesis title: *Health Interventions and Initiatives with the Tijuana Fire Department: Preventing Disease*
Thesis adviser: Tiffany Lipsey, Health and Exercise Science

Emma Juchau, Equine Science major
Thesis title: *Describing Stakeholder Perspectives on the OTEE HORSPLAY Intervention Manual for Youth with Autism Spectrum Disorder*
Thesis adviser: Wendy Wood, Animal Sciences

Raegan Leone, Fish, Wildlife and Conservation Biology major with Conservation Biology concentration and Global Environmental Sustainability minor, Magna Cum Laude
Thesis title: *The Impact of Solar Energy Farms on Wildlife*
Thesis adviser: Liba Pejchar, Fish, Wildlife & Conservation Biology

Zoe Leroux, Biochemistry major with General Biochemistry concentration
Thesis title: 
Thesis adviser: ,
Morgen Lundin, Fish, Wildlife and Conservation Biology with Wildlife Biology concentration
Thesis title:  *LGBTQ+ Inclusion in Outdoor Recreation: How to Make Programs Accessible and Inclusive for the LGBTQ+ Community*
Thesis adviser: Sara Bomback, Fish, Wildlife and Conservation Biology

Will McDonald, Computer Science major
Thesis title:  *Sense of Self - A Music Composition Project*
Thesis adviser: Anne Marie Merline, Honors Program

Lance McMullin, Computer Science major with Computer Science concentration, Summa Cum Laude
Thesis title:  *The Town Church Website Redesign & Analysis*
Thesis adviser: Benjamin Say, Computer Science

Aaron Moore, Business Administration major with Accounting concentration, Summa Cum Laude
Thesis title:  *Writing Fiction: Technique & Application*
Thesis adviser: Terrie Sandelin, English

Cameron Neumann-Barbich, Business Administration major with Marketing concentration and Market Research and Data Analytics and Marketing Communication And Branding certificates
Thesis title:  *A New Dawn*
Thesis adviser: Nancy Boykin, Marketing

Sara Newman, Geology major with Geology concentration and Technical and Science Communication minor, Cum Laude
Thesis title:  *Clastic Dikes at the Fountain-Ingleside Contact in Northern Colorado*
Thesis adviser: John Singleton, Geosciences

Mary O'Hara, Sociology major with Criminology and Criminal Justice concentration
Thesis title:  *Policing Disaster: A Historical Analysis*
Thesis adviser: Lynn Hempel, Sociology

Kelly Peterson, English major with English Education concentration, Magna Cum Laude
Thesis title:  *Using graphic design to leverage civic engagement in a Middle School English classroom*
Thesis adviser: Ricki Ginsberg, English

Isabella Pettner, Apparel and Merchandising major with Apparel Design and Production concentration, Magna Cum Laude
Thesis title:  *Zinnia Bridal Wear: A Fusion of Western and Indian Bridal Wear*
Thesis adviser: Kevin Kissell, Design and Merchandising

Carly Rayburg, Psychology major
Thesis title:  *Importance of Transformational Leadership for Workplace Safety Climate and Sleep Quality*
Thesis adviser: Alyssa Gibbons, Psychology

Emily Rodefeld, Business Administration major with Marketing concentration and Customer Experience Management, Marketing Communication And Branding and Strategic Marketing certificates, Magna Cum Laude
Thesis title:  *Analysis of Sponsorship and Cause-Related Marketing Applied to the Sponsorship of the NCAA Men’s Basketball Tournament*
Thesis adviser: D Todd Donavan, Marketing
Paxton Russell, Equine Science major and Business Administration minor
Thesis title: *Exploring the Physiological Effect of Eastern Tent Caterpillars on Mare Reproductive Loss Syndrome*
Thesis adviser: Tanja Hess, Animal Sciences

Brenna Ryan, Anthropology major and Mathematics minor, Cum Laude
Thesis title: *Analyzing the Cultural Meanings of Physical Exercise and the Body During COVID-19*
Thesis adviser: Lynn Kwiatkowski, Anthropology and Geography

Emma Sears, Health and Exercise Science major
Thesis title: *So, You Want to Survive a Pandemic*
Thesis adviser: Wendy DeYoung, Health and Exercise Science

Quinn Shiraishi, Natural Resources Management major and Sustainable Water minor, Summa Cum Laude
Thesis title: *Evaluating the Effectiveness of Undergraduate Research in the Field of Natural Resources*
Thesis adviser: Jeremy Sueltenfuss, Forest & Rangeland Stewardship

Sydney Smith, Psychology major with Clinical/Counseling Psychology concentration and Military Science minor
Thesis title: *Resilience in the US Army*
Thesis adviser: Karla Gingerich, Psychology

Natalia Sperry, English major with Literature concentration, Summa Cum Laude
Thesis title: *Into the Life of Things": A Multi-genre Exploration of Experimental and Hybrid Forms*
Thesis adviser: Harrison Fletcher, English

Nicole Standiford, Computer Science major
Thesis title: *The Dawn, a written and published Young Adult Fantasy novel*
Thesis adviser: Ben Greenlee, English

Cassidy Storey, Ecosystem Science and Sustainability major, Magna Cum Laude
Thesis title: *Human-Wildlife Interactions in Fort Collins: An Evaluation of How Residents and Wildlife Use Small Natural Areas in the City*
Thesis adviser: Melissa McHale, Ecosystem Science and Sustainability

Jacob Switek, Geology major with Geophysics concentration and Mathematics minor, Cum Laude
Thesis title: *The Development of a Python Lineament Growth Function Using High-Resolution Optical Imagery*
Thesis adviser: Daniel McGrath, Geosciences

Caroline Thomas, Statistics major with General Statistics concentration and Biological Science major with Biological Science concentration, Magna Cum Laude
Thesis title: *A Novel Method for Offensive Data Collection and Performance Analysis for Colorado State University Softball*
Thesis adviser: Bailey Fosdick, Statistics

Sara VanHatten, Ecosystem Science and Sustainability major and Global Environmental Sustainability minor, Cum Laude
Thesis title: *Textile Recycling for Colorado's Arc Thrift Stores*
Thesis adviser: Sonali Diddi, Design and Merchandising
Lauren Wilkerson, Sociology major with Criminology and Criminal Justice concentration, Cum Laude
Thesis title: *A Philosophical Comparison: The Underlying Principles of Rehabilitative and Punitive Justice Systems*
Thesis adviser: N Unnithan, Sociology

Evan Williams, Fish, Wildlife and Conservation Biology with Wildlife Biology concentration and Zoology minor
Thesis title: *Rice and Ducks: A Meta-Analysis of the Relationship Between Waterfowl and Rice Agriculture*
Thesis adviser: David Koons, Fish, Wildlife and Conservation Biology

Erin Worth, Biological Science major with Biological Science concentration and Languages, Literatures. And Cultures major with Spanish concentration
Thesis title: *Oral Contraceptive Pills and the Risk of Inflammatory Bowel Disease*
Thesis adviser: Kimberly Cox-York, Research Integrity and Compliance Review Office

Sarah Zentz, Psychology major with Clinical/Counseling Psychology concentration and Spanish minor
Thesis title: *Comprehensive Curriculum Assessment and Update for Campus Connections*
Thesis adviser: Jen Krafchick, Human Development and Family Studies