



AMERICAN NUMISMATIC ASSOCIATION  
FLORENCE SCHOOK SCHOOL OF NUMISMATICS

# SUMMER SEMINAR COURSE CATALOG



- ★ **Session 1: June 18-23**
- ★ **Intersession: June 23-24**
- ★ **Session 2: June 25-30**





**About Summer Seminar** **PAGE 3**

### **SESSION 1 COURSES**

**Technical** **PAGES 4-5**

**Specialized Interest** **PAGES 5-8**

**Mini-Seminars** **PAGE 9**

**Tours & Events** **PAGE 10**

**Spouse Activities** **PAGE 11**

**Intersession Activities** **PAGES 12-13**

### **SESSION 2 COURSES**

**Technical** **PAGES 14-15**

**Specialized Interest** **PAGES 15-18**

**Mini-Seminars** **PAGE 19**

**Schedules at a Glance** **PAGES 20-21**

**Courses at a Glance** **PAGES 20-21**

**Details, Details ...** **PAGE 22**

**Registration Form** **PAGES 23-24**

AMERICAN  
**NUMISMATIC**  
ASSOCIATION

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# **Join us at SUMMER SEMINAR**

Summer Seminar is a once-a-year opportunity for numismatic scholarship and camaraderie — a place where you make friends for life, expand your knowledge, and have a truly unforgettable experience.

You will be exposed to fascinating subjects presented by world-class instructors and other students who share your passion for numismatics. Optional tours, seminars and special events round out a perfect week (or two) of numismatic immersion.

Classes are held on the campus of Colorado College, a nationally prominent, four-year liberal arts college founded in Colorado Springs in 1874. A variety of tuition and lodging options are available to better meet your needs, preferences and budget.

An enthusiastic exchange of ideas awaits. All we are missing is YOU!



**ANA SUMMER SEMINAR STAFF** (back row, from left): Susan McMillan, Seminar Director; Amber Bradish, Seminar Coordinator; David Sklow, Library Manager; (front row) Robert B. Kelley, Museum Specialist and Photographer; Rod Gillis, Education Director; and Douglas A. Mudd, Museum Curator.

PHOTOS: ANA ARCHIVES/ROBERT B. KELLEY, DOUGLAS MUDD, BEN SCOTT AND BRAD ARMSTRONG



**SUMMER SEMINAR** offers hands-on training in a line-up of classes to suit virtually every collector's hobby needs. **YOUNG NUMISMATISTS** (above) accept donations, catalog items and display auction lots prior to the Young Numismatist Benefit Auctions which raise thousands of dollars for YN scholarships.

# About SUMMER SEMINAR

For more than 40 years, Summer Seminar has featured classes to suit virtually every collector's hobby needs. Here are just some of the topics offered this year: Grading United States Coins, Detecting Counterfeit and Altered Coins, Coin Photography, Ancient Roman Coinage, National Bank Notes, Colonial Americana, Morgan Dollars, Liberty Seated Coinage and Medals.

Your classes are true seminars: students gathered in small groups with everyone an active participant. You'll learn from instructors who are recognized leaders in their fields, and from the collective experiences of fellow students, who range in age from teenagers\* to seniors. (\*see box)

Students may select from a variety of tuition and lodging options to meet their needs, preferences and budget. Most stay in Colorado College campus dorms, but many elect to stay in nearby hotels and inns. More details can be found on page 22, and on the registration form (pages 23 and 24).

Optional tours, seminars, lectures and special events allow students to customize their experience. Students

also have many opportunities to visit the ANA's Edward C. Rochette Money Museum and Dwight N. Manley Numismatic Library. Those travelling with family members or guests will find the Spousetivities (page 11), Tours and Events (page 10), and the Intercession activities (pages 12-13) of particular interest as many non-numismatic opportunities are available. Those not wishing to join an organized activity may also choose to visit any of the hundreds of great attractions, restaurants and

entertainment venues of Colorado Springs and the Pikes Peak region — one of America's most popular family tourist destinations.

Rarely do students or instructors attend just one Summer Seminar. More than 70 percent of them come back time and time again for the education, friendships and camaraderie. There are reasons our students and instructors are so loyal and enthusiastic about Summer Seminar. Try it and see.

## Dedicated Young Numismatists Welcome

While the majority of students are adults, more than 40 young numismatists — ages 13-17 — grace Summer Seminar each year, bringing youthful enthusiasm and new perspectives to classes. Over the years, many of these YNs have become hobby leaders, and many of Summer Seminar's veterans have played a key role in encouraging their success. YNs stay in a Colorado College dormitory with counselor supervision. During the week, YNs have the same opportunities as adult students. They attend class during the day and can take mini-seminars or tours in the evening. YNs also organize and conduct a benefit auction, with all proceeds directly benefiting the YN Summer Seminar Scholarship Fund, which helps dozens of YNs attend the best educational event in numismatics every year.



# Course Catalog

## Session 1: June 18-23

### TECHNICAL SERIES

#### Grading United States Coins, Part 1

Gain a deeper understanding of the history and philosophy of grading, and learn how United States coins should be graded according to the latest ANA and market standards.

Instruction consists of slide presentations and hands-on opportunities to view and grade a multitude of significant coins (in individual and group settings), as well as in-depth discussion on the intricacies of grading. Copper, silver and gold specimens are covered. Each grading class is limited to 20 students.

**1. Instructors:** Don Bonser, professional numismatist and author of *Grading Coins Today: An ANA Correspondence Course*; Jim Stoutjesdyk, vice president, numismatics, Heritage Rare Coin Galleries ([www.HA.com](http://www.HA.com)); and Matthew Kleinstuber, professional numismatist, Numismatic Financial Corporation ([www.nfccoins.com](http://www.nfccoins.com))

**2. Instructors:** Brian Fanton, owner and operator, B E's Coin Store; Mike Ellis, variety specialist, Mike Ellis Rare Coins; and Rod Gillis, ANA education director

#### 3. Grading United States Coins, Part 2

This mid-level course is intended to sharpen grading skills through hands-on group and individual exercises with instructor feedback on each coin. Students identify their strengths and weaknesses as they apply grading methods used by industry experts. The course enables



**GRADING CLASSES** are in high demand and usually reach capacity early.



**GRADING INSTRUCTOR** John Schuch at lot viewing for the 2016 YN Auction.

students to gain a better understanding of current grading service philosophies and how they evolved in the marketplace. Copper, silver and gold specimens are covered, with emphasis on About Uncirculated through Uncirculated. **Prerequisite:** Successful completion of "Grading United States Coins, Part 1" or permission from the instructor. This class is limited to 24 students.

**Instructors:** John Schuch II, grader, Numismatic Guaranty Corporation ([www.ngccoin.com](http://www.ngccoin.com)); Steven Feltner, professional numismatist, and former grader, Professional Coin Grading Service; and David McCarthy, gold coin specialist and senior numismatist at Kagin's ([www.kaginsinc.com](http://www.kaginsinc.com))

#### 4. Detection of Counterfeit and Altered Coins

Learn the often subtle differences between genuine, counterfeit and altered coins, and apply your newly acquired skills using the ANA's counterfeit detection set of more



Brian Silliman



Jim Robinson

than 400 coins — ranging from half cents to gold and including U.S., world, ancient and colonial coins. Students will handle "raw" genuine and counterfeit coins under direct supervision of the instructors. Topics include counterfeit coin production and methodology, types of

PHOTOS: ANA ARCHIVES/ROBERT B. KELLEY, DOUGLAS MUDD AND BRAD ARMSTRONG

counterfeit dies and castings, date and mintmark alterations, specific gravity testing and use of microscopes.

**Instructors:** Brian Silliman, professional numismatist, Brian Silliman Rare Coins and former NGC grader/conserver and ANA authenticator/conserver; and Jim Robinson, professional numismatist, APMEX, (www.APMEX.com)

## 5. Detection of Counterfeit World Paper Money

Students examine actual specimens using microscopes and the naked eye to distinguish good notes from bad. Topics include the history of counterfeiting, printing techniques, security devices and their illegal replication, raised and altered notes, and entrepreneurial counterfeiting since the 19th century. Students have the opportunity to handle hundreds of examples of counterfeit notes, while matching genuine examples side by side. Special attention is devoted to counterfeit notes that are created specifically to sell to collectors.

**Instructor:** Joseph E. Boling, ANA chief judge and co-author of *World War II Remembered: History in Your Hands, A Numismatic Study*

## SPECIALIZED INTEREST SERIES

### 6. Think Like A Thief: Security for Dealers and Collectors

Learn how to minimize and manage the risks of theft, burglary, robbery or personal injury to individuals, firms and their families as a coin collector or operator of a coin business. Topics include home, office, store and coin show security, as well as an in-depth study of how to travel safely by car, taxi and plane when transporting collections and coin



**SUMMER SEMINAR** offers hands-on training in a line-up of classes to suit virtually every collector's hobby needs.

inventory. Storage security, personal protection, non-lethal, improvised weapons and the use of deadly force and legal ramifications are addressed in depth. Case studies and active role-playing are emphasized. You will write a basic security plan for yourself and your family, complete NRA 1st Steps and Personal Protection in the Home, and learn basic firearm safety and familiarization. A written examination for certification is required and meets the Proof of Training requirement for Colorado's CCW and most other states. This course has an additional fee of \$100 and students must be 21 years or older. In addition, students agree to participate in a phone interview with the instructor.

**Instructor:** Col. Steven Ellsworth, one of the foremost coin security experts in the country and full-time coin dealer, Butternut Coins

### 7. Numismatic Publishing: A Practical Course on Writing About Coins

This practical and fun course is designed to help students write about coins for today's coin publications. From traditional print publications to new online media, there have never been more opportunities for numismatic writers to reach and connect

with an audience. With the help of special guest instructors, students will get an overview of the various venues available for publishing today, the elements of quality (readable)



Steve Roach

coin writing, and understand the many different types of writing from auction lot descriptions to academic research papers. During the class students will build an outline and

work on producing an article suitable for publication, including gentle peer-review to help build individual writing skills. By the end of the class, students should have both a paper that they can be proud of and a newfound confidence in their writing skills.

**Instructor:** Steve Roach, former editor-in-chief and current editor-at-large of *Coin World*, where he has published more than 500 articles

### 8. Coins of the Roman Republic

Coins uniquely illustrate ancient Roman culture. Using resources from the Edward C. Rochette Money Museum and Dwight N. Manley



# Session 1 Course Catalog *continued*



Numismatic Library collections, students follow the development of Roman Republican coinage, from its Greek roots to its eventual dominance of the Mediterranean economy under the Roman Empire. This enjoyable journey brings to life the intriguing political figures, mysterious gods and goddesses and exciting historical events of this volatile time.  
**Instructor:** Scott T. Rottinghaus, M.D., former ANA Governor and enthusiastic Roman coin expert

## 9. The Coins of Colonial America (1535-1800)

From the explorations of the conquistadors to the construction of the White House, North America played host to an amazing array of coinage. Coins from the European colonizing powers dominated the monetary system of early America for centuries, making coins struck in Europe and the New World in this era prime targets of study for American numismatists. The coins of pre-Federal America that most collectors and guide books call “colonials,” from the silver coins of the Massachusetts Mint to the late 18th century tokens honoring George Washington, will be a focus of our inquiry. Though “colonial” is a misnomer too



**COINS OF COLONIAL AMERICA** instructors John Kraljevich and Eric Goldstein



**THE STUDY OF EARLY AMERICAN CURRENCY** whether focusing on paper or coins, is a popular topic among Summer Seminar attendees.

often applied to the coins of the American Confederation era, these classic issues will receive an in-depth examination, including discussion of their history, varieties, rarity, authentication, collecting strategies, grading, literature and market considerations. This wide-ranging class will leave students able to discuss monetary substitutes, archaeological evidence related to colonial numismatics, minting techniques, colonial American shipwrecks, important collections of colonial coins, and much more. With thousands of well-organized images to view, many hundreds of actual coins to examine, and high-energy lectures from two of the best known personalities in the field, this course has received rave reviews from Summer Seminar students for over a decade.

**Instructors:** John J. Kraljevich Jr., columnist for *The Numismatist* and professional numismatist, John Kraljevich Americana ([www.jkamericana.com](http://www.jkamericana.com)); and Erik Goldstein, curator of Mechanical Arts and Numismatics, Colonial Williamsburg Foundation ([www.history.org](http://www.history.org))

## 10. Ducats to Dollars: Trade Coins from the End of the Middle Ages Until the 20th Century

Explore the evolution of world



**A gold florin and instructor Ian Fenn**

coins from the 13th century through to the middle of the 20th century. Because of the extensive nature of the subject, focus will be on coins used in international trade. Study will start with the gold florin, followed by the Venetian ducat and its descendants, such as the Netherlands ducat, and the gulden. During the seminar participants will discover how the dollar evolved from its 15th century Tyrolean ancestor, and follow the development and demise of trade dollars from the Spanish cobs through to the final demonetization of the Maria Theresa thaler in 1971.

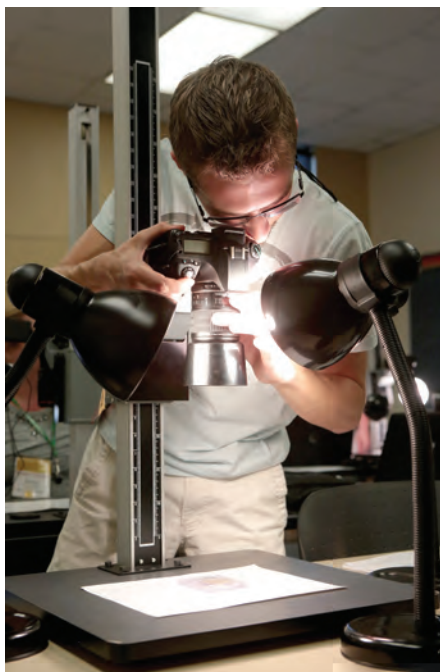
**Instructor:** Ian Fenn, researcher, author and student of numismatics

## 11. Introduction to Numismatic Digital Photography

Learn how to take great digital photographs of your collection. This renowned, experienced team describes

camera and computer requirements and offers hands-on instruction in basic and intermediate shooting techniques, as well as software applications. Although not required, students can bring their own “macro-capable” digital cameras and high-speed, laptop computers.

**Instructors:** Thomas Mulvaney, professional numismatic photographer, ([www.rarecoinphotos.com](http://www.rarecoinphotos.com)); and Clark Fogg, forensic photographer, Beverly Hills Police Department



**PRACTICE MAKES PERFECT** in ANA's Numismatic Digital Photography courses.

## 12. Collecting United States Type Coins

This interactive overview explains how to collect U.S. coins by regularly issued types, from half cents through double eagles. Explore the rarity of each design and denomination in relation to grade, as well as the technical aspects of strike and planchet quality and the aesthetics of toning. Students are encouraged to bring their own coins for evaluation and study.

**Instructor:** David Lange, director of

research, Numismatic Guaranty Corporation

## 13. Numismatics for the Museum Professional

Many museums hold collections of coins, medals, tokens, paper money and other numismatic materials without realizing the nature, value or other special needs of these small, potentially important items. Designed for museum curators, registrars, archivists, librarians and exhibit preparators, this class addresses attribution, cataloging, handling, storage, interpretation and mounting numismatic specimens.



Doug Mudd

The course devotes particular attention to systematics, informational resources, conservation and documentation. Hands-on optical and digital coin photographs, computer database cataloging, basic decontamination and preservation of specimens, and case studies of numismatic content in regional museums. Museum professionals can apply for a full scholarship. Phone: 719-482-9865

or email [seminars@money.org](mailto:seminars@money.org) for further information and an application.

**Instructor:** Douglas Mudd, curator of the Edward C. Rochette Money Museum and former collections manager for the National Numismatic Collection in the Smithsonian Institution's National Museum of American History; and Andy Dickes, ANA Collections Manager

## 14. From The First Coins in the New World, to Mexico 1860

This class explores the coinage brought with the Europeans to Mexico. The struggle to establish the first mint in the New World, the Colonial coinage system, and Mexican coins produced since 1536 are studied. Cob coins, or “macuquinas,” are addressed, as well as the beautiful pillar and portrait dollar. The coins of the War of Independence (1810-1821), the “cap and rays” design, and the invasions Mexico suffered during this time are examined. The class ends in 1860, when Benito Juárez enters Mexico City and much of the country's internal struggle ends.

**Instructor:** Ricardo de León Tallavas, author and Mexican coinage expert



**MEXICAN COIN EXPERT** Ricardo de León Tallavas leads classes and mini-seminars.



# Session 1 Course Catalog *continued*



**CHRISTOPHER MADDEN** works with students in his Intaglio Engraving class.

## 15. Intaglio Engraving

This course offers instruction in intaglio engraving and etching. Students are introduced to engraving methods and cultivate an appreciation of the materials and techniques of bank note engraving. Through demonstrations and hands-on work, students learn the rudiments of the bank note engraver's craft and create intaglio prints pulled from engravings.

**Instructor:** Christopher Madden, bank note picture engraver with the Bureau of Engraving and Printing



**LAURA STOCKLIN** gives hands-on instruction to Brian Ferguson in the Art of Engraving.

## 16. The Art of Engraving

This course, underwritten by the Gilroy and Lillian P. Roberts Foundation in honor of Gilroy Roberts, ninth chief engraver of the United States Mint, teaches artists and art students how medals and coins are traditionally created. Applicants must submit several examples of their artwork to a selection committee. Six successful candidates receive full scholarships to attend the class for two consecutive Seminars. Phone: 719-482-9865 or email [seminars@money.org](mailto:seminars@money.org) for further information and an application.

**Instructor:** Laura Stocklin, professional artist, trained goldsmith and printmaker

**THE ANA BOOK SALE** is a much anticipated event, held on Sunday of each Summer Seminar session. Jeff Sullivan was happy with his finds at last year's sale.





# Session 1 Mini-Seminars

Mini-seminars are introductory, hands-on courses conducted in one- or two-evening sessions. They allow Summer Seminar participants to study more than one area of interest or survey something new. Pre-registration is required.



## A. Collecting United States Savings Bonds • \$59 Sunday, June 19, 6:30-9:30 PM

More than a dozen issues of United States Savings Bonds were sold by the Treasury 1935-2011. The bonds are little appreciated as historic collectibles, but that is changing. Each series will be discussed with an informational emphasis on collecting. Special attention will be given to World War II issues.

**Instructor:** Fred Schwan, co-author of *World War II Military Currency*

## B. Introduction to Military Payment Certificates • \$59 Monday, June 20, 6:30-9:30 PM

All Military Payment Certificate (MPC) enthusiasts report for duty! Mission includes basic study of MPCs. Deserters will be court-martialed!  
**Drill Sergeant:** Fred Schwan, co-author of *World War II Military Currency*



## C. Collecting "Oddball" Denominations • \$59

Monday, June 20, 6:30-9:30 PM

Two cents, Silver three cents, Nickel three cents, twenty cents, and three-dollar gold all represent a group of oddball denominations often overlooked by collectors. However, these short-lived and often-neglected denominations have a wealth of rarities and varieties that make these series great. This seminar provides a detailed overview of each of these series, and includes a discussion of scarce and key dates, major varieties, collecting strategies, grading, and value.

Course instruction includes interactive discussions as well as hands-on examination of coins from these series including key dates and a number of varieties.

**Instructor:** John Frost, co-author of *Double Dimes—The United States Twenty Cent Piece*, and education director of the Liberty Seated Collectors Club



## D. From Offa to Edward I: The 500-Year Reign of the English Silver Penny • \$79

Sunday and Monday, June 19-20, 6:30-9:30 PM

For approximately half a millennia, from c. 780 to King Edward I's coinage reform of 1279-80, the English silver penny, with a few very rare exceptions, was the only coin minted for circulation in the British Isles. From its origins in the reign of

King Offa to the creation by Edward I of a true "Royal Mint" in the Tower of London, explore the history of this remarkable coinage and its effect on the life and economy of Medieval England.

**Instructor:** Chuck Bianchi, life-long collector and student of British numismatics



## E. Conder Tokens: A Study of the History, Care, Grading and Tokens of Late 18th-Century Britain • \$79

Sunday and Monday, June 19-20, 6:30-9:30 PM

An overview of this amazing series includes hundreds of pictures, explanations and stories that have fascinated collectors of these 18th-century provincial tokens of Great Britain. Review the history of late 18th-century England under the rule of Mad King George and his demented prime minister, the dastardly William Pitt, the Younger. Students will gain hands-on experience and learn about care, treatment and grading.

**Instructor:** Jerry Bobbe, Conder token collector and specialist



# Tours & Events



## PIKES PEAK ASCENT ON THE COG RAILWAY • \$55

**SUNDAY, JUNE 19 • 4:15-9:30 PM**

**SUNDAY, JUNE 26 • 4:15-9:30 PM**

Take the breathtaking cog railway to the summit of 14,110-foot Pikes Peak — America's Mountain! Views of beautiful ranges are all around you — and, if it's a clear day, observe the skyscrapers of downtown Denver. Once at the summit, you can see the Bottomless Pit, a dramatic drop-off on the north side; and the Continental Divide to the west. Boxed dinners will be provided. *Note: not recommended for persons who have heart or respiratory problems.*



## CAVE OF THE WINDS LANTERN TOUR • \$45

**MONDAY, JUNE 20 • 4:15-7:30 PM**

Ready for a rugged cave journey? On the Lantern Tour, you'll travel deep into the Manitou Grand Caverns, exploring passageways and formations lit only by the hand-held lanterns you carry! You will learn about the eerie history and folklore of Cave of the Winds as you travel through the dimly-lit caverns. The tour is a 1½-hour trek through rugged caverns and is ideal for more adventurous visitors. Standing and stooping is required, and wearing athletic shoes is highly recommended. Due to the physical requirements of the tour, it is not

recommended for pregnant women or persons who have heart or respiratory problems. Boxed dinners will be provided.



## MAJOR LEAGUE BASEBALL: COLORADO ROCKIES VS. TORONTO BLUE JAYS • \$75

**MONDAY, JUNE 27 • 4-11 PM**

Summer is not summer without baseball! See the 2007 National League Champion Colorado Rockies play the Toronto Blue Jays at beautiful Coors Field in Denver. Fee includes charter bus transportation, game tickets and box dinner.



## DENVER MINT TOUR • \$35

**THURSDAY, JUNE 30 • 9 AM-2 PM**

During the 45-minute guided tour, visitors will get a bird's-eye view of the production floor that includes several coining presses that strike over 750 coins a minute. The Mint's experienced tour guides will share many interesting facts about the Mint and are always available to answer any questions. The guides will educate visitors on the history of the Mint, the coin making process and walk them through the many exhibits and artifacts on display. Boxed lunches will be provided.

## ANNUAL LIBRARY BOOK SALE

**SATURDAY, JUNE 18 • 7-9 PM**

**SATURDAY, JUNE 25 • 7-9 PM**

Surplus books, periodicals and auction catalogs are available for sale at discounted prices. Books are available on a variety of numismatic subjects including world and U.S. Coins, paper money tokens, medals, ephemera and more. The proceeds benefit the Dwight N. Manley Numismatic Library.

## YN SCHOLARSHIP BENEFIT AUCTION

**TUESDAY, JUNE 21 • 7-10 PM**

**TUESDAY, JUNE 28 • 7-10 PM**

Show your support by participating in one of the annual YN auctions. Socialize with fellow numismatists, bid on interesting items, and contribute to education — all at the same time. Young Numismatists, who organize the entire event, rely on the generosity of members to donate items. All proceeds directly benefit the YN Summer Seminar Scholarship Fund.

## GRADUATION RECEPTION

**WEDNESDAY, JUNE 22 • 5-6 PM**

**WEDNESDAY, JUNE 29 • 5-6 PM**

Free to all Summer Seminar participants. Wine and cheese as well as non-alcoholic beverages will be served.

## GRADUATION BANQUET

**WEDNESDAY, JUNE 22 • 6-8 PM**

**WEDNESDAY, JUNE 29 • 6-8 PM**

The Graduation Banquet is a wonderful opportunity to celebrate the week's achievements with instructors, staff, family and fellow students. There is a nice blend of informal gathering, dinner and recognition. Each instructor and "on-campus" student receives one banquet ticket. Banquet tickets for "off-campus" students or guests can be purchased for \$45.



# Spousetivities

## Daily Excursions for Guests & Family Members

Guests and family members: We've arranged some great excursions for you to enjoy while your favorite numismatist is in class! All of the activities are à la carte, so you can do one, or some, or all, depending on your schedule, interest, and budget. There is so much to choose from: sight-seeing, museums and more. Transportation and admission fees are included in the prices. (For registration form, see page 24.)

### Session 1

#### CELESTIAL SEASONINGS FACTORY TOUR • \$15

**SUNDAY, JUNE 19 • 8:30 AM-2:30 PM**

Celestial Seasonings, located in Boulder, Colorado, is the largest specialty tea factory in the United States. This behind-the-scenes tour shows you how the teas are blended, packaged and shipped.

There's even a free tea "bar" where you can sample the products. You'll be eating lunch at the Celestial Cafe, so don't forget to bring some extra money to cover the cost of your meal.



#### DENVER BOTANIC GARDENS • \$30

**MONDAY, JUNE 20 • 8:30 AM-4 PM**

Denver Botanic Gardens is recognized as one of the top botanic gardens in the western United States and is home to more than 34,000 plants belonging to over 14,000 taxa (types of plants) representing over 250 plant families. This incredible plant diversity, ranging from arid to tropical plants, is showcased in about 45 different individual gardens in just 24 acres in the middle of the city. Plant collections from over 90 countries around the world are

showcased with an emphasis on high altitude climates similar to Colorado's. You'll be eating lunch at the gardens, so don't forget to bring some extra money to cover the cost of your meal.

#### BREAD MAKING AT THE FRENCH KITCHEN • \$60

**TUESDAY, JUNE 21 • 10:30 AM-1:30 PM**

Blandine Brutel, the French Lady, is eager to teach you the quick and easy way to make traditional French bread. Learn to make baguettes and dinner rolls so delicious your friends will think you bought them in a French bakery!

To ensure you receive individual attention, classes are taught in small groups in a cozy home kitchen atmosphere. Participants will leave with valuable cooking tips, detailed recipes and fresh baked bread. Lunch is included in the registration price.



### Session 2

#### CHEYENNE MOUNTAIN ZOO • \$25

**SUNDAY, JUNE 26 • 9 AM-2 PM**

No visit to the Pikes Peak region is complete without a trip to Cheyenne Mountain Zoo — America's only mountain zoo! Large alpine habitats are home to over 800 different animals and 200+ species. All of your favorites are here — monkeys, hippos, tigers, snow leopards and bears (oh my!). Hand-feed the largest reticulated giraffe herd of any zoo in North America, and



experience animals of the Rocky Mountains up-close, like you've never seen them before. You'll be eating lunch at the zoo, so don't forget to bring some extra money to cover the cost of your meal.

#### BAKE CHOCOLATE DESSERTS AT THE FRENCH KITCHEN • \$60

**MONDAY, JUNE 27 • 9 AM-1:30 PM**

A chocoholic's dream: Learn how to bake chocolate ganache cake, chocolate mousse, chocolate crème, Florentines and more. Under the tutelage of Blandine Brutel, the French Lady, you will learn simple techniques that will ensure your dessert success time and



time again. Sample a bit of everything during the class and leave with great recipes and a delicious

assortment of confections to share ... or not! Register early — space is limited.

#### MOLLY BROWN HOUSE MUSEUM • \$20

**TUESDAY, JUNE 28 • 8:30 AM-2:30 PM**

Visit the home of Titanic heroine, the unsinkable Margret "Molly" Brown, a woman of extraordinary courage. Known as the "House of Lions," the home welcomed visiting royalty and international figures. The museum offers glimpses of Denver's history and is an example of the Victorian life. You'll be eating lunch in Denver, so don't forget to bring some extra money to cover the cost of your meal.



# Interession Activities

Offered between Session 1 and Session 2, Interession activities are a wonderful opportunity to explore some of the area's great attractions, attend the local coin show, and enjoy an educational lecture or two.

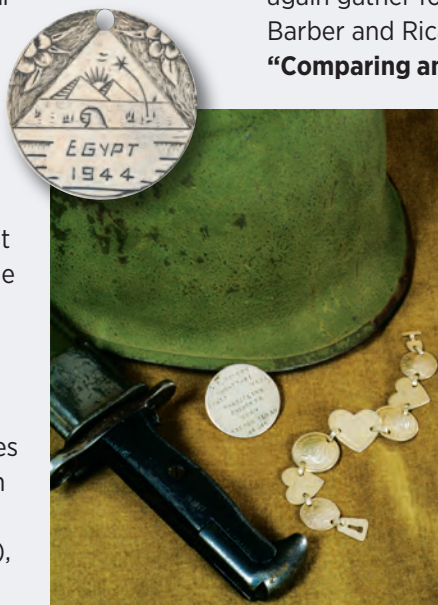
It was the summer of 1969, and big changes were in the air. Word spread through the numismatic community about a gathering in Colorado Springs. "Head West This Summer!" the ad beckoned. It was the first Summer Seminar and 20 people, the lucky few, were in attendance. Participants met in a single classroom, and along the way they built lasting friendships and the foundation of an enduring tradition.

Over the years Summer Seminar has grown and prospered.

Our success has allowed us to introduce new opportunities.

"Interession," the two days between week one and week two, is one such addition. This year, we couldn't help but think back to that first Summer Seminar: Let's provide our small Interession group with a private dinner and fellowship, followed by a stimulating numismatic seminar.

On Thursday, June 23, attendees can spend the day at the local coin show, participate in one of our tours (listed on the opposite page), or take in the sites of the Pikes Peak Region on their own. That evening we will dine as a group and following dinner, Fred Schwan will delight us with his knowledge of "World War II Trench Art." Soldiers, sailors and airmen have created souvenirs for thousands of years.



In World War II, the souvenirs come in an amazing array of shapes and sizes made from an equally wide array of materials. Interestingly, some of these materials are numismatic in nature.

On Friday, June 24, attendees are encouraged to take part in one of our tours or head to the local coin show for the **Light from Many Lamps All-Star Numismatic Symposium**. That evening, we will once again gather for a private dinner. Afterward, join John Barber and Ricardo de León Tallavas for their program, **"Comparing and Contrasting the First U.S. Mint and the First Mint of the Americas."**

The discussion will highlight two landmark mints in the Americas: Mexico City (1535) and Philadelphia (1792). A representative selection of coins from the two mints will be examined.

#### *A note about the Interession dinners and evening programs:*

For those attendees staying at the college both weeks (12 nights) or those registered to stay additional nights (June 23 and/or June 24), all meals are included in the on-campus fees. Off-campus attendees can purchase the

Interession dinner(s) for \$20 per person, per dinner (for registration form see pages 23 & 24). The evening programs are free and open to everyone. Questions? Call: 719-482-9865 or email: [seminars@money.org](mailto:seminars@money.org).

## COLORADO SPRINGS COIN SHOW • FREE

THURSDAY, JUNE 23 • 4-8 PM

FRIDAY, JUNE 24 • 9 AM-6 PM

SATURDAY, JUNE 25 • 9 AM-6 PM

SUNDAY, JUNE 26 • 9 AM-4 PM

Expo Center, 3650 N. Nevada Ave.

**COMPLIMENTARY SHUTTLE** between the Coin Show and the College offered Thursday, Friday and Saturday. For more show information, call 719-632-4260.





# Learn More, Experience More, Do More



## DENVER MINT TOURS • \$35

**THURSDAY, JUNE 23 • 7:30 AM (FIRST TOUR) • 10:30 AM (SECOND TOUR)**

During the 45-minute guided tour, visitors will get a bird's-eye view of the production floor that includes several coining presses that strike over 750 coins a minute. The Mint's experienced tour guides will share many interesting facts about the Mint and are always available to answer any questions. The guides will educate visitors on the history of the Mint, the coin making process and walk them through the many exhibits and artifacts on display. Boxed lunches will be provided. The first tour leaves at 7:30 AM, and returns by 12:30 PM. The second tour leaves at 10:30 AM, and returns by 3:30 PM.



## ROYAL GORGE TOUR • \$35

**THURSDAY, JUNE 23 • 1-5:30 PM**

Often compared to the Eiffel Tower in Paris or the Empire State Building in New York City, the Royal Gorge Bridge in Cañon City, Colorado is both daring in its design and remarkable in its achievement. North America's highest Suspension Bridge is over a quarter of a mile long and hangs 956 feet above the roaring Arkansas River below. Though it doesn't stand alone, the suspension bridge is the center jewel in a crown of engineering features all within the 360 acre theme park that some call "the real" Colorado. Built in 1929, the park has entertained over 26 million guests and ranks as one of the premier attractions in the state. The bus will leave at 1 PM and will be back at Colorado College by 5:30 PM.



## MOLLIE KATHLEEN GOLD MINE • \$45

**FRIDAY, JUNE 24 • 8 AM-NOON**

Descend 1,000 feet underground as you experience America's only vertical-shaft gold mine tour! Located on the southwest slope of Pikes Peak, the Mollie Kathleen Gold Mine is part of the historic Cripple Creek Gold Mining District. During the tour, you will learn about the rich history of gold mining while witnessing the operation of generations of air-powered mining equipment. The bus will leave at 8 AM, and boxed breakfasts will be provided. Participants will be back at Colorado College by noon, in time for lunch.

## U.S. OLYMPIC TRAINING CENTER • \$25

**FRIDAY, JUNE 24 • 2:30-4:30 PM**

The U.S. Olympic Training Center in Colorado Springs is home to athletes and coaches as they train for the next Olympic Games. The tour starts with an inspirational 12-minute film and then a 45-minute outdoor walking tour of the training complex, including the weightlifting and wrestling facilities, the Aquatics Center and the Sport Center Gymnasiums. Visitors can then explore the U.S. Olympic Hall of Fame Rotunda, shop at the U.S. Olympic Store and check out the ever-changing art exhibitions found throughout the Olympic Visitor Center. The bus leaves at 2:30 PM and returns to Colorado College by 4:30 PM.



## LIGHT FROM MANY LAMPS

### ALL-STAR NUMISMATIC SYMPOSIUM

**FRIDAY, JUNE 24 • 9 AM-5 PM**

**Free and open to the public.** Now in its third year, the Symposium features a variety of speakers discussing a multitude of topics of concern to today's collectors, and will cover various areas of numismatic interest.

**Location:** Mortgage Solutions Financial Expo Center, 3650 N. Nevada Ave.

If you would like to present a talk on your special interest, contact the Seminar Director for a proposal form.

**E-mail:** mcmillan@money.org • **Phone:** 719-482-9850

# Course Catalog

## Session 2: June 25-30

### TECHNICAL SERIES

#### Grading United States Coins, Part 1

Gain a deeper understanding of the history and philosophy of grading, and learn how United States coins should be graded according to the latest ANA and market standards.

Instruction consists of slide presentations and hands-on opportunities to view and grade a multitude of significant coins (in individual and group settings), as well as in-depth discussion on the intricacies of grading. Copper, silver and gold specimens are covered. Each grading class is limited to 20 students.

**20. Instructors:** Michael Faraone, grader, Professional Coin Grading Service ([www.pcg.com](http://www.pcg.com)); and Kyle Knapp, professional numismatist and former grader, Professional Coin Grading Service

**21. Instructors:** Brian Fanton, owner and operator, B E's Coin Store; Mike Ellis, variety specialist, Mike Ellis Rare Coins; and Rod Gillis, ANA education director

#### 22. Grading United States Coins, Part 2

This mid-level course is intended to sharpen grading skills through hands-on group and individual exercises, with instructor feedback on each coin. Students identify their strengths and weaknesses as they apply grading methods used by industry experts. The course enables students to gain a better understanding of current grading service philosophies and how they evolved in the marketplace. Copper, silver and gold specimens are covered, with



**GRADING U.S. COINS** instruction is in such high demand that the ANA offers multiple classes during each week-long session.

emphasis on About Uncirculated through Uncirculated. **Prerequisite:** Successful completion of "Grading United States Coins, Part 1" or permission from the instructor. This class is limited to 24 students.

**Instructors:** Thomas Hallenbeck, ANA past president and professional numismatist, Hallenbeck Coin Gallery ([www.hallenbeckcoingallery.com](http://www.hallenbeckcoingallery.com)); Jerry Bobbe, former grader, Professional Coin Grading Service and Nathan Owens, professional numismatist



#### 23. Advanced United States Coin Grading and Problem Coins

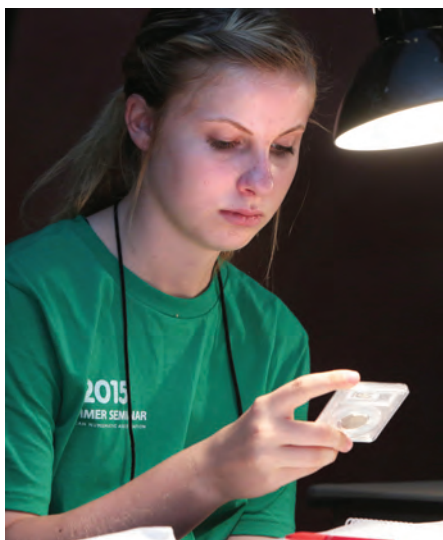
This course concentrates on the nuances of high-grade, mint-state and proof coins. Students learn how to distinguish original surfaces from mint-state and circulated coins that have been cleaned or altered, and to identify minute imperfections and color variances that can affect a coin's grade. Learn the methods used by experts, as well as their own strengths and weaknesses.

**Prerequisite:** Successful completion of "Grading United States Coins, Parts 1 and 2" or permission from the instructor is required. This class is limited to 28 students.

**Instructors:** William D. Shamhart Jr., professional numismatist, Numismatic Americana, Inc. ([www.numismaticamericana.com](http://www.numismaticamericana.com)); Charles Browne, owner, Charles Browne

PHOTOS: ANA ARCHIVES/ROBERT B. KELLEY, DOUGLAS MUDD AND BRAD ARMSTRONG





Grading students review hundreds of coins to further sharpen their skills.

Numismatic Consulting; Ken Park, professional numismatist, The KMJ Group ([www.thekmjgroup.com](http://www.thekmjgroup.com)), former grader, Professional Coin Grading Service; and Don Ketterling, professional numismatist, D.H. Ketterling Consulting ([dhketterling.com](http://dhketterling.com))

## 24. Detection of Counterfeit and Altered Coins

Learn the often subtle differences between genuine, counterfeit and altered coins, and apply your newly acquired skills using the ANA's counterfeit detection set of more than 400 coins—ranging from half cents to gold and including U.S., world, ancient and colonial coins. Students will handle “raw” genuine and counterfeit coins under direct supervision of the instructors.

Topics include counterfeit coin production and methodology, types of counterfeit dies and castings, date and mintmark alterations, specific gravity testing and use of microscopes.

**Instructors:** Brian Silliman, professional numismatist, Brian Silliman Rare Coins, former NGC grader/conserver and ANA authenticator/conserver; and Bob Campbell, ANA past president, owner/operator of All About Coins and recognized expert on toning ([www.allaboutcoins.com](http://www.allaboutcoins.com))

## SPECIALIZED INTEREST SERIES

### 25. Digital Numismatic Photography for Collectors

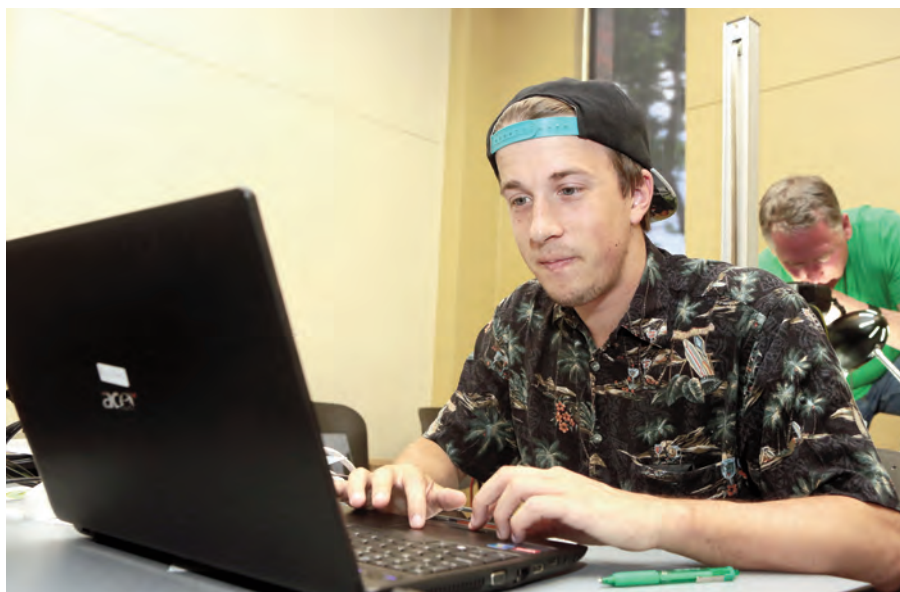
This course is designed for intermediate photographers whether they want to manage their digital coin collection, coin shop online sales, do research or diagnostic attributions. Learn how to organize a collection for selling, theft recovery, publication or just to have bragging rights on the internet. The course will teach students to learn the proper image capture and handling methods following proven techniques for workflow speed and efficiency. To optimize the learning experience, students are strongly encouraged to bring the following: a DSLR camera with a macro lens, a laptop with Photoshop or Photoshop Elements, and several numismatic items to photograph.

**Instructors:** Robert Kelley, professional photographer, ANA museum specialist/photographer; and Douglas Mudd, Curator of the Edward C. Rochette Money Museum

### 26. Collecting/Investing in Morgan Silver Dollars: A Comprehensive Approach

An overview of collecting and investing in Morgan silver dollars regardless of collecting level. Learn the nuances of collecting by date and mintmark, and the importance of strike, toning and eye appeal. Key die states, prooflike and deep mirror prooflike coins, extant populations, grading and grading services, pricing and cutting edge research also will be discussed. Using actual examples, you will learn about collecting and investing in Morgan dollars from three of the most knowledgeable experts in the field.

**Instructors:** Michael S. Fey, Ph.D., co-author of *The Top 100 Morgan Dollar Varieties: The VAM Keys*, and president of RCI ([www.rcicoins.com](http://www.rcicoins.com)); Isaac Wallie, professional numismatist, Isaac Wallie Rare Coins ([www.iwcoins.com](http://www.iwcoins.com)); and John Baumgart, president of the Society of Silver Dollar Collectors and owner of Variety Slabbing Service ([www.varslab.com](http://www.varslab.com))



**DIGITAL PHOTOGRAPHY** classes teach students how to document their collections.

## Session 2 Course Catalog continued

### 27. An Introduction to Byzantine and Associated Dark Age Coinage

After the fall of Rome, the western part of the empire was thrown into a period commonly referred to as the dark ages. The Roman Empire continued in the east for another 1,000 years and was the dominant central economic and cultural center of the Mediterranean for most of that time. The Coinage of the Byzantine era set the baseline for coinage of the Mediterranean basin during this time and is imitated and copied by the Germanic tribes that inhabited the east as well as the early Islamic coinage in the Levant. Starting with the currency reform of Anastasius this course focusses on byzantine coinage of the following 700 years as well as touching on the imitative coinage of the main Germanic tribes and Arab conquerors. Also discussed will be associated weights and seals of this era, giving the beginning student an understanding of the coinage, weight and seal types, how to read and catalog them, and interpret them leading to an overall introduction to this interesting era.

**Instructor:** Paul Murphy, avid coin collector and part-time coin dealer

### 28. Developing a Passion for Liberty Seated Coinage

This comprehensive look at Liberty Seated coinage presents the collective knowledge of many experts who have studied, collected, bought and sold these coins for decades. Each of the Liberty Seated series will be studied in detail, including half dimes, dimes, twenty-cents, quarters, half dollars,

dollars and trade dollars. In addition, students will handle coins of all grades in all series.

Topics include historical perspectives, key dates, collecting strategies, major varieties, grading, counterfeits and authentication.

**Instructors:** Gerry Fortin, professional numismatist, Gerry Fortin Rare Coins, and President of the Liberty Seated Collectors Club; John Frost, co-author of *Double Dimes-The United States Twenty Cent Piece*, and education director of the Liberty Seated Collectors Club

### 29. Introduction to Medals and Medal Collecting

"Introduction to Medals" opens with the birth of the medal during the Renaissance through artists such as Antonio Pisano. From Italy the medal crossed the Alps into Austria, Germany, the Netherlands, France and England. Students will be introduced to medals of the wars of religion, and the medallic history of French King Louis XIV, Britain's Queen Anne and French Emperor Napoleon I. The role of the Paris and Philadelphia Mints in creating early American medals will be explored, along with medals such as Comitia Americana pieces of the Revolution, military and presidential medals and sculptural art medals.

Topics include the evolution of medal production, the role of engravers and sculptors, dating, patination, reference books and catalogs, medal preservation and storage, grading, and determining value. **Instructors:** David T. Alexander, founder of Medal Collectors of

America, prolific author including the award winning book, *American Art Medals, 1909-1995*, *Circle of Friends of the Medallion and Society of Medalists*; and David Menchell, president of the Medal Collectors of America, ANA district representative, exhibit judge and award-winning exhibitor



**EARLY AMERICAN COPPER** instructors Stephen Carr and Douglas Bird

### 30. Early American Copper Coinage

A review of attribution, grading, current literature and preservation of early copper coins designed for beginning and advanced collectors of American large and half cents. Students will work in small groups or independently to cover topics of interest to them, such as using pricing guides, tooling, altering and counterfeits. Learn about the rich history of American copper collecting, how color and surface condition affect net grade and value, the availability of certain varieties in different grades, auction and pedigree research, developing a "cherry-picker quickfinder," how to buy and sell coppers, condition census ranking, copper ethics and more. Informal discussions are encouraged. Bring a loupe and your early copper coins to share with the class.

**Instructors:** EACers Stephen M. Carr, collector and author; and Douglas F. Bird, collector, dealer and specialist in early American copper coins ([www.eacs.org](http://www.eacs.org))







Grabener coin press and commemorative 2008 medal



### 31. The Modern Minting Process: Errors & Varieties

Explore the minting process and learn how each procedure can lead to the creation of collectible minting errors and varieties. Class discussion and presentations focus on accurate identification and description, value and the fine art of cherry-picking. Students are encouraged to bring their own errors and varieties. Included is a field trip to the Moonlight Mint,



James Wiles

where students can watch first-hand the production process from design phase to post-strike finishing, and press the button on a Grabener coin press (for-

merly used by the Denver Mint to strike commemoratives) to strike their own medallions. (Note: This class fulfills the The Modern Minting Process/U.S. Minting Errors and Varieties course requirement in the ANA Numismatic Diploma Program.)

**Instructor:** James Wiles, author of *The Modern Minting Process/U.S. Minting Errors and Varieties: An ANA Correspondence Course*

### 32. Creating a Winning Numismatic Exhibit

One of the most enjoyable and rewarding aspects of coin collecting is sharing your knowledge with others through a numismatic exhibit. Students will go through the entire process: brainstorming ideas, writing the text, selecting appropriate materials, designing a balanced layout, choosing supplementary materials and pulling it all together. Also discussed will be packing your exhibit for transportation, exhibit rules and judging. Bring your ideas (and laptop computer, if you like) and get started on improving an already existing exhibit or beginning an entirely new, high-quality exhibit.

**Instructor:** Larry Sekulich, working artist, retired art instructor, numismatic author, speaker and award-winning exhibitor



**IDEAS TAKE SHAPE** as student George Cushman learns the process of creating an exhibit.

### 33. Coin Carving 101: Creating the Modern Hobo Nickel

When is a buffalo an elephant? An Indian a soldier in uniform? Find out in this fascinating hands-on exploration of the history and folk art of the hand-carved hobo nickel.



Sam Ernst applies his new skills to create a custom hobo nickel carving.

Students will learn to use hand gravers, hammer and chisel, rotary and air-powered tools to create their own modern works of true Americana art. Each student will be provided nickels, ready to carve.

**Instructor:** Joe Paonessa, America's greatest left-handed, hobo-nickel carver



**MASTER HOBO-NICKEL CARVER** Joe Paonessa and one of his chiseled creations

## Session 2 Course Catalog continued

### 34. World War II Numismatics & Beyond

Allied military 2 franc notes were secretly printed in the United States for the D-Day invasion of France. The notes were shipped to England and paid to the troops mere hours before the assault. Collectors a thousand years from now will appreciate the importance of these notes. To hold one of them in your hand is to touch another time. It is to have history in your hands. The number of military and emergency issues created as a result of World War II is vast and fascinating. Additionally, the issues are remarkably diverse in purpose, use, design, and produc-

**WORLD WAR II & BEYOND** instructors Fred Schwan and Joe Boling



tion. Because of the emergency circumstances that were common, most of the issues were paper, but coin issues were also created. Both are included in the course. Because of the vastness of the material a case study approach is used. Many different issues are covered at varying depths to represent the greater universe of issues. United States Military Payment Certificates, Allied military currency, and Japanese Invasion Money are covered in depth. Remarkably, most of these issues

pose many questions and mysteries making for fascinating studies that range from introductory discussions to cutting edge research.

**Instructors:** Fred Schwan and ANA chief judge Joseph E. Boling, authors of *World War II Remembered: History in Your Hands, A Numismatic Study*. Schwan also has written several other books on these topics.

### 35. World War II Numismatics & Beyond (Advanced)

Limited to students who already have taken the World War II Numismatics class, or who have permission of the instructors. Students will meet separately, but will join the basic "World War II Numismatics" class for selected functions. Subjects are extensions of those taught in the basic course, in greater detail or covering separate ground. Students will perform independent research for half of each classroom day and will present the results of that research to the basic class at the end of the course.

**Instructors:** Fred Schwan and ANA chief judge Joseph E. Boling, authors of *World War II Remembered: History in Your Hands, A Numismatic Study*. Schwan also has written several other books on these topics.



### Be sure to check out the Edward C. Rochette Money Museum!

The must-see exhibits include the Harry W. Bass Jr. Gallery featuring the highlights of the Harry Bass collection of U.S. gold coins and patterns, two 1804 dollars and a 1913 Liberty nickel, plus numerous other rarities. Our main floor gallery has the exciting new **Olympic Games; History & Numismatics** exhibit and don't miss the lower level gallery where you will find **The History of Money** exhibit and an operational Mini-mint where you can collect our latest ANA Museum token!

PHOTOS: ANA ARCHIVES/ROBERT B. KELLEY, DOUGLAS MUDD AND BRAD ARMSTRONG



## Session 2 Mini-Seminars

Mini-seminars are introductory, hands-on courses conducted over two evening sessions. They allow Summer Seminar participants to study more than one area of interest or survey something new. Pre-registration is required.

### F. National Bank Notes, the Big Picture • \$79

Sunday and Monday, June 26-27,  
6:30-9:30 PM

National Bank notes comprise the most heated market within paper money but at the same time the most fickle for dealers to handle. Learn what National Bank notes are, why there are different series, what constitutes rarity, the importance of grade, how to judge a note, where to find information, and how to market a note.

**Instructors:** Peter Huntoon, author of *The National Bank Note Issues of 1929-1935* and *United States Large Size National Bank Notes*; Lee Lofthus, researcher and author; and Gerome Walton, author of *A History of Nebraska Banking and Paper Money*



### G. Advanced Numismatic Negotiating • \$79

Sunday and Monday, June 26-27,  
6:30-9:30 PM

Dealers, collectors and investors are always negotiating for the best price when buying, selling or trading. Learn proven techniques that make these negotiations less stressful and more successful, whether over the

Internet, on the phone or in person. This accelerated seminar covers transaction terms, how to close difficult deals, handling complaints and how to turn customer returns and refunds into a win-win situation. Apply these valuable lessons at your next coin show or visit to your favorite coin shop.

**Instructors:** Barry Stuppler, professional numismatist, [www.mintstategold.com](http://www.mintstategold.com), and past ANA president; and Ronald Sirna, professional numismatist and ANA seminar Instructor

### H. Making Money the Medieval Way • \$79

Sunday and Monday, June 26-27,  
6:30-9:30 PM

Learn how to “go medieval” on steel in this hands-on workshop where you will create your own coin die in the pre-industrial style. Students will learn how to make punch tools, how to design and create dies with those punches, and how to strike coins in the medieval fashion; by hand, with a hammer! Each student will be provided with a ready to cut die blank, steel for punches, and planchets to strike. A special commemorative die will be provided for striking the reverse of your coin.

**Instructors:** Brian Ferguson and Bart Saxton, medieval coin minting enthusiasts

### I. Two Hundred Years of Mexican Cobs (1536-1734) • \$79

Sunday and Monday, June 26-27,  
6:30-9:30 PM

The seminar provides an overview of the Charles and Johana series, cobs and different designs that aid in understanding the intricacies of Mexican hammered coins. The seminar provides a detailed review of the transitional series of klippees through the birth of the Pillar design.

**Instructor:** Ricardo de León Tallavas, Mexican coinage expert



### J. The Maria Theresa Thaler: 273 Years of Numismatic and Economic History • \$79

Sunday and Monday, June 26-27,  
6:30-9:30 PM

The Maria Theresa Thaler is arguably the world’s most enduring and important trade coin, but in numismatics it is too often dismissed due to lack of real knowledge. Discover the truth about



this historically significant coin, including how to identify rarities and what coins were struck to compete with, or even displace, the

Maria Theresa Thaler. Students should bring their own examples to practice attribution. Original strikes and restrikes are covered.

**Instructor:** Ian Fenn, researcher, author, and student of numismatics

### K. Coin Shop Basics 101 • \$79

Sunday and Monday, June 26-27,  
6:30-9:30 PM

Not all coin shop employees are numismatists. This course is designed to equip students with the basic concepts, rules and training required to work in a coin shop.

**Instructor:** Brian Fanton, owner and operator, B E’s Coin Store



# At-a-Glance

## Session 1: June 18-23

### SCHEDULE

#### SATURDAY, JUNE 18

10 AM-4:30 PM — Adults and YNs arrive at COS Airport; take shuttle to College  
10:30 AM-5 PM — Registration/Check-in at College & Buffet Lunch  
11 AM-4:30 PM — Drop off lot donations for YN Benefit Auction  
6 PM — Opening Ceremonies  
7-9 PM — ANA Library Book Sale

#### SUNDAY, JUNE 19

9-11:45 AM — Classes in session  
1:15-4 PM — Classes in session  
Noon-1 PM — ANA Library Book Sale  
4-5 PM — ANA Library Book Sale  
5:30-7 PM — Drop off lot donations for YN Benefit Auction

#### MONDAY, JUNE 20

9-11:45 AM — Classes in session  
1:15-4 PM — Classes in session  
Noon-1 PM — ANA Library Book Sale  
4-5 PM — ANA Library Book Sale  
7-9 PM — Lot Viewing for YN Benefit Auction

#### TUESDAY, JUNE 21

9-11:45 AM — Classes in session  
1:15-4 PM — Classes in session  
5:30 PM — YN Benefit Auction Lot Viewing opens  
7-10 PM — YN Benefit Auction

#### WEDNESDAY, JUNE 22

9-11:45 AM — Classes in session  
1:15-4 PM — Classes in session  
5 PM — Graduation Reception  
6 PM — Graduation Banquet

#### THURSDAY, JUNE 23

4-10 AM — COS Airport Shuttle Drop-off (Adults & YNs)

### COURSES

Saturday, June 18, is Registration Day  
Thursday, June 23 is Departure Day

**Classroom Hours:** Sunday, June 19-Wednesday, June 22, 9-11:45 AM & 1:15-4 PM

#### SELECT ONE CLASS PER WEEK

1. Grading United States Coins, Part 1 (*see description, page 4*)
2. Grading United States Coins, Part 1 (*p. 4*)
3. Grading United States Coins, Part 2 (*p. 4*)
4. Detection of Counterfeit and Altered Coins (*p. 4*)
5. Detection of Counterfeit World Paper Money (*p. 5*)
6. Think Like a Thief: Security for Dealers and Collectors (*p. 5*)
7. Numismatic Publishing: A Practical Course on Writing about Coins (*p. 5*)
8. Coins of the Roman Republic (*p. 5*)
9. The Coins of Colonial America (1535-1800) (*p. 6*)
10. Ducats to Dollars: Trade Coins from the End of the Middle Ages Until the 20th Century (*p. 6*)
11. Introduction to Numismatic Digital Photography (*p. 6*)
12. Collecting United States Type Coins (*p. 7*)
13. Numismatics for the Museum Professional (*p. 7*)
14. From the First Coins in the New World, to Mexico 1860 (*p. 7*)
15. Intaglio Engraving (*p. 8*)
16. The Art of Engraving (*p. 8*)

#### EVENING MINI-SEMINARS

- A. Collecting United States Savings Bonds (*p. 9*)
- B. Introduction to Military Payment Certificates (*p. 9*)
- C. Collecting "Oddball" Denominations (*p. 9*)
- D. From Offa to Edward I: The 500-Year Reign of the English Silver Penny (*p. 9*)
- E. Conder Tokens: A Study of the History, Care, Grading and Tokens of Late 18th-Century Britain (*p. 9*)



# Session 2: June 25-30

## SCHEDULE

### SATURDAY, JUNE 25

10 AM-4:30 PM — Adults and YNs arrive at COS Airport; take shuttle to College  
10:30 AM-5 PM — Registration/Check-in at College & Buffet Lunch  
11 AM-4:30 PM — Drop off lot donations for YN Benefit Auction  
6 PM — Opening Ceremonies  
7-9 PM — ANA Library Book Sale

### SUNDAY, JUNE 26

9-11:45 AM — Classes in session  
1:15-4 PM — Classes in session  
Noon-1 PM — ANA Library Book Sale  
4-5 PM — ANA Library Book Sale  
5:30-7 PM — Drop off lot donations for YN Benefit Auction

### MONDAY, JUNE 27

9-11:45 AM — Classes in session  
1:15-4 PM — Classes in session  
Noon-1 PM — ANA Library Book Sale  
4-5 PM — ANA Library Book Sale  
7-9 PM — Lot Viewing for YN Benefit Auction

### TUESDAY, JUNE 28

9-11:45 AM — Classes in session  
1:15-4 PM — Classes in session  
5:30 PM — YN Benefit Auction Lot Viewing opens  
7-10 PM — YN Benefit Auction

### WEDNESDAY, JUNE 29

9-11:45 AM — Classes in session  
1:15-4 PM — Classes in session  
5 PM — Graduation Reception  
6 PM — Graduation Banquet

### THURSDAY, JUNE 30

4-10 AM — COS Airport Shuttle Drop-off (Adults & YNs)

## COURSES

Saturday, June 25, is Registration Day  
Thursday, June 30, is Departure Day

**Classroom Hours:** Sunday, June 26-Wednesday, June 29, 9-11:45 AM & 1:15-4 PM

### SELECT ONE CLASS PER WEEK

20. Grading United States Coins, Part 1 (*see description, page 14*)
21. Grading United States Coins, Part 1 (*p. 14*)
22. Grading United States Coins, Part 2 (*p. 14*)
23. Advanced United States Coin Grading and Problem Coins (*p. 14*)
24. Detection of Counterfeit and Altered Coins (*p. 15*)
25. Digital Numismatic Photography for Collectors (*p. 15*)
26. Collecting/Investing in Morgan Silver Dollars (*p. 15*)
27. An Introduction to Byzantine and Associated Dark Age Coinage (*p. 16*)
28. Developing a Passion for Liberty Seated Coinage (*p. 16*)
29. Introduction to Medals and Medal Collecting (*p. 16*)
30. Early American Copper Coinage (*p. 16*)
31. The Modern Minting Process: Errors & Varieties (*p. 17*)
32. Creating a Winning Numismatic Exhibit (*p. 17*)
33. Coin Carving 101: Creating the Modern Hobo Nickel (*p. 17*)
34. World War II Numismatics and Beyond (*p. 18*)
35. World War II Numismatics and Beyond (Advanced) (*p. 18*)

### EVENING MINI-SEMINARS

- F. National Bank Notes, the Big Picture (*p. 19*)
- G. Advanced Numismatic Negotiating (*p. 19*)
- H. Making Money the Medieval Way (*p. 19*)
- I. Two Hundred Years of Mexican Cobs (1536-1734) (*p. 19*)
- J. The Maria Theresa Thaler: 273 Years of Numismatic and Economic History (*p. 19*)
- K. Coin Shop Basics 101 (*p. 19*)

# Details, details ...

## SIGN UP EARLY!

Save \$50 by paying your tuition and fees by March 31. And be sure to select your classes early, as enrollment is limited.

**CANCELLATION/REFUND POLICY:** The ANA reserves the right to cancel courses with inadequate enrollment numbers. In the event of this type of cancellation, students will be notified by May 6, and ANA will issue a full refund of the registration fee (but will not be responsible for any other charges incurred by the registrant due to the cancellation of the course). Registrants canceling on or before May 16, may receive a refund less a \$50 cancellation fee, or keep a credit with us for a future seminar without penalty. Registrants canceling after May 16, are not eligible to receive any refunds. Registrants have the option to keep a credit with us for a future seminar minus a \$150 cancellation fee. Registrants who do not show up for Summer Seminar will forfeit all funds.

**SCHOLARSHIPS/FINANCIAL AID:** Merit-based scholarships and need-based assistance is available to ANA members. For applications, call 719-482-9865. The application deadline for YNs is January 29; and the application deadline for adults is February 19.

## TRAVEL

We recommend contacting M&M World Travel Service for travel arrangements (phone toll-free 800-426-8326 or e-mail [pwhitnah@mmworldtravel.com](mailto:pwhitnah@mmworldtravel.com)). M&M works closely with the ANA to provide competitive airline rates and personalized service. To take advantage of ANA's complimentary shuttle, students must fly into the Colorado Springs Airport.

## ON-CAMPUS LODGING

All college housing packages include a room for five nights (12 nights for two-week students) and three meals a day. Most students and instructors stay in

Colorado College dormitories. Each double or private room includes a window fan, microwave, mini-refrigerator, bedding and towels. Attendees find that staying in the dorms allows them to make new friends and visit with fellow students and instructors. They can select economical, double-occupancy rooms or private rooms in a residential hall, or upgrade to a multi-occupancy apartment, which features three or four, single-occupancy rooms grouped "pod style," with a living room, kitchen and shared bathroom.

## OFF-CAMPUS LODGING

Students looking for private baths or air conditioning or those traveling with family should consider off-campus lodging. Listed below are several lodging options within a short distance of ANA headquarters and Colorado College. **Please note: it is a student's responsibility to make reservations directly with hotels.** Cancellation terms for off-campus lodging vary by hotel.

### The Mining Exchange: A Wyndham Grand Hotel

719-323-2000 (call for rates)  
[www.miningexchangehotel.com](http://www.miningexchangehotel.com)

At The Mining Exchange, we believe a hotel should be more than just a place to lay your head for the night. When you stay with us, we offer a variety of on-site services, all designed to make your time with us comfortable, pleasing and stress-free. Located about a mile from ANA, hotel services include high-speed Internet access, a 24-hour fitness center, 24-hour room service, a bar and full service restaurant, and much more.

### The Antlers Hotel

719-955-5600 (call for rates)  
[www.antlers.com](http://www.antlers.com)

This historic hotel, founded in 1883, is located in the heart of downtown Colorado Springs' entertainment and shopping district, about one mile south of the ANA.

It offers spacious guest rooms with all the amenities normally found in a corporate hotel, including an indoor swimming pool and whirlpool, health club, two full-service restaurants and a morning coffee bar.

### Quality Suites and Clarion Hotel Downtown

719-471-8681 (call for rates)  
[www.clarionhotel.com/hotel/co025](http://www.clarionhotel.com/hotel/co025)

Located 10 blocks southwest of ANA headquarters, the Quality Suites and Clarion Downtown offers a variety of amenities at budget-friendly prices, including a full breakfast buffet, wireless Internet access, fitness center, indoor pool, and a Managers Reception, Monday-Thursday, 4-6 PM.

### The St. Mary's Inn

719-540-2222 (call for rates)  
[www.thestmarysinn.com](http://www.thestmarysinn.com)

Located five blocks southeast of ANA headquarters, this elegant inn has been renovated to its original splendor, but features 21st-century amenities. Each spacious room offers air conditioning, a sitting area, cable TV and high-speed wired or wireless Internet access. A complimentary, gourmet breakfast is served in the dining room each morning.

### Holiday Inn Express Colorado Springs Central

719-424-4300 (call for rates)  
[www.holidayinnexpress.com](http://www.holidayinnexpress.com)

Welcome to the new Holiday Inn Express and Suites Colorado Springs Central. Get your day started right with our complimentary Express Start Hot Breakfast. Work out in our 24-hour Fitness Center. Take a swim in our indoor pool or relax in our hot tub. We also provide a business center, complimentary high-speed wired and wireless access in our guestrooms and complimentary shuttle service within a two-mile radius of the downtown area.

## Help Keep Summer Seminar Affordable for Everyone

There are many ways to show your support and promote numismatic education.

- **SCHOOL OF NUMISMATICS PATRON** provides books, equipment, teaching materials, and much more.
- **ROBERT LECCE ADVANCED SCHOLARSHIP PROGRAM** provides scholarships to members who are active in the hobby on a local, regional or national level.
- **ADNA G. WILDE JR. SCHOLARSHIP FUND** provides financial assistance to members who couldn't otherwise afford to attend Summer Seminar.

To make your donation, just check the appropriate box on the Registration Form, page 23.



# ANA SUMMER SEMINAR 2016

## REGISTRATION FORM, SIDE 1

NAME (as you would like it to appear on your name tag) \_\_\_\_\_

NAME (as you would like it to appear on your diploma) \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

CELL PHONE \_\_\_\_\_ DAY PHONE \_\_\_\_\_ EVENING PHONE \_\_\_\_\_

E-MAIL \_\_\_\_\_ ANA MEMBER NO. (Membership required to attend) \_\_\_\_\_

Age: \_\_\_\_\_ Preferred roommate: \_\_\_\_\_

☐ Young Numismatist, age 13 to 17 (You will be contacted by an ANA staff member.)

☐ I will need special assistance (You will be contacted by an ANA staff member.)

☐ Scholarship recipient. Name of provider: \_\_\_\_\_

### OFF-CAMPUS FEES

	PRICE	TOTAL
LODGING, MEALS AND BANQUET TICKET NOT INCLUDED <i>Meals can be purchased in the college cafeteria at the posted Colorado College rates</i>		
Off-Campus Tuition – Session 1 – June 18-23	\$725	
Off-Campus Tuition – Session 2 – June 25-30	\$725	

### ON-CAMPUS FEES

TUITION, LODGING AND MEALS FOR ONE WEEK + ONE BANQUET TICKET		
Residential Hall – Double Occupancy – 5 nights	\$1,100	
YN Residential Hall – Double Occupancy – 5 nights*	\$1,050	
Residential Hall – Private Room – 5 nights	\$1,130	
Multi-Occupancy Apartment – Private Room – 5 nights	\$1,200	
TUITION, LODGING AND MEALS FOR TWO WEEKS + TWO BANQUET TICKETS		
Residential Hall – Double Occupancy – 12 nights	\$2,410	
YN Residential Hall – Double Occupancy – 12 nights*	\$2,310	
Residential Hall – Private Room – 12 nights	\$2,470	
Multi-Occupancy Apartment – Private Room – 12 nights	\$2,610	

\*YNs are Young Numismatists, age 13 to 17.

### DONATION TO SUPPORT ANA EDUCATION (100% TAX-DEDUCTIBLE)

Amount: ☐ \$25 ☐ \$50 ☐ \$100 ☐ \$500 ☐ Other \_\_\_\_\_

For: ☐ Patron ☐ Lecce Scholarship Fund ☐ Wilde Scholarship Fund ☐ Other \_\_\_\_\_

### PAYMENT

Make check or money order payable to American Numismatic Association.

Please charge \$ \_\_\_\_\_ to \_\_\_\_\_

☐ Visa ☐ Mastercard ☐ American Express ☐ Discover

Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

Name on Card \_\_\_\_\_

Signature \_\_\_\_\_

#### Return to:

American Numismatic Association • Summer Seminar 2016  
818 North Cascade Avenue, Colorado Springs, CO 80903-3279

### QUESTIONS?

Call 719-482-9865  
or e-mail [seminars@money.org](mailto:seminars@money.org)

### SESSION 1 COURSE NUMBER (June 18-23, 2016)

1st choice \_\_\_\_\_ 2nd choice \_\_\_\_\_

### SESSION 2 COURSE NUMBER (June 25-30, 2016)

1st choice \_\_\_\_\_ 2nd choice \_\_\_\_\_

**Thank you for your registration.**  
**You will receive confirmation by mail.**

### TOTAL CHARGES

#### OFF-CAMPUS FEES

#### ON-CAMPUS FEES

\$50 per week Early Discount  
if campus fees are paid by March 31

–

\$25 per week Campus Fees Discount  
for Life Members

–

#### EXTRAS (from Other Side of Form)

#### DONATION

### GRAND TOTAL

# ANA SUMMER SEMINAR 2016

## REGISTRATION FORM, SIDE 2

### TOURS / MINI-SEMINARS / BANQUET TICKETS / EXTRA LODGING

DATE	DESCRIPTION	PRICE	QUANTITY	TOTAL
Friday, June 17	Additional On-Campus Lodging and Meals (per person/per night)	\$105		
Sunday June 19	Tour — Pikes Peak Ascent on the Cog Railway	\$55		
Sunday, June 19	(A) Collecting United States Savings Bonds Mini-Seminar	\$59		
Monday, June 20	Tour — Cave of the Winds “Lantern Tour”	\$45		
Monday, June 20	(B) Introduction to Military Payment Certificates Mini-Seminar	\$59		
Monday, June 20	(C) Collecting “Oddball” Denominations Mini-Seminar	\$59		
Sun./Mon., June 19-20	(D) From Offa to Edward I: The English Silver Penny Mini-Seminar	\$79		
Sun./Mon., June 19-20	(E) Conder Tokens: Study, History, Care & Grading Mini-Seminar	\$79		
Wednesday, June 22	Additional Banquet Ticket (for off-campus student or guest)	\$45		
Thursday, June 23	Additional On-Campus Lodging and Meals (per person/per night)	\$105		
Thursday, June 23	Tour — Denver Mint <input type="checkbox"/> 7:30 AM <input type="checkbox"/> 10:30 AM	\$35		
Thursday, June 23	Tour — Royal Gorge Bridge and Park	\$35		
Thursday, June 23	Intercession Dinner (for off-campus student or guest)	\$20		
Friday, June 24	Additional On-Campus Lodging and Meals (per person/per night)	\$105		
Friday, June 24	Tour — Mollie Kathleen Gold Mine	\$45		
Friday, June 24	Tour — United States Olympic Training Center	\$25		
Friday, June 24	Intercession Dinner (for off-campus student or guest)	\$20		
Sun./Mon., June 26-27	(F) National Bank Notes, the Big Picture Mini-Seminar	\$79		
Sun./Mon., June 26-27	(G) Advanced Numismatic Negotiating Mini-Seminar	\$79		
Sun./Mon., June 26-27	(H) Making Money the Medieval Way Mini-Seminar	\$79		
Sun./Mon., June 26-27	(I) Two Hundred Years of Mexican Cobs (1556-1734) Mini-Seminar	\$79		
Sun./Mon., June 26-27	(J) The Maria Theresa Thaler Mini-Seminar	\$79		
Sun./Mon., June 26-27	(K) Coin Shop Basics 101 Mini-Seminar	\$79		
Sunday, June 26	Tour — Pikes Peak Ascent on the Cog Railway	\$55		
Monday, June 27	Tour — Baseball: Colorado Rockies vs. Toronto Blue Jays	\$75		
Wednesday, June 29	Additional Banquet Ticket (for off-campus student or guest)	\$45		
Thursday, June 30	Tour — Denver Mint	\$35		
EXTRAS TOTAL				

### SPOUSETIVITIES: DAILY EXCURSIONS JUST FOR GUESTS AND FAMILY MEMBERS

DATE	DESCRIPTION	PRICE	QUANTITY	TOTAL
Sunday, June 19	Spousetivity — Celestial Seasonings Tour	\$15		
Monday, June 20	Spousetivity — Denver Botanic Gardens	\$30		
Tuesday, June 21	Spousetivity — Bread Making and Lunch at the French Kitchen	\$60		
Sunday, June 26	Spousetivity — Cheyenne Mountain Zoo	\$25		
Monday, June 27	Spousetivity — Chocolate Dessert Class at the French Kitchen	\$60		
Tuesday, June 28	Spousetivity — Molly Brown House	\$20		
SPOUSETIVITIES TOTAL				
EXTRAS TOTAL (from above)				
TOTAL FOR THIS PAGE				