

Scott Papper, GG, CMA, RGA, AJP, CSMP, CSSP

Gem and Jewelry Forensics



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OBJECTIVE

I am a highly credentialed, fourth generation gem and jewelry professional with experience as an independent appraiser, gemologist, jewelry buyer, pawnbroker, and expert witness. I am the owner of an NAJA Accredited Gemological Laboratory and have attained top industry credentials in the fields of diamonds and gemology, as well as jewelry appraisal methodology. I have provided valuation services to attorneys, estate planning professionals, retail jewelers, pawnshops, insurance companies, private clients, other appraisers, and government agencies including the IRS and US Secret Service. I am presently seeking additional expert witness and estate appraisal opportunities.

CREDENTIALS

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| GG | Graduate Gemologist (GIA) |
| CMA | Certified Master Appraiser (NAJA) |
| RGA | Registered Gemologist Appraiser (ISG) |
| AJP | Applied Jewelry Professional (GIA) |
| GD | Graduate Diamonds (GIA) |
| GCS | Graduate Colored Stones (GIA) |
| GP | Graduate Pearls (GIA) |
| CSMP | Certified Senior Management Professional (JA) |
| CSSP | Certified Senior Sales Professional (JA) |
| | Accredited Gemological Laboratory (NAJA) |
| | Accredited Senior Gemologist (AGA) |
| | Certified Cultured Pearl Specialist (CPAA) |

Graduate Gemologist is the highest credential awarded by the Gemological Institute of America (GIA) in the field of gemology. GIA's Graduate Gemologist program teaches both the technical and the practical skills needed to evaluate diamonds, colored gemstones and pearls. Topics covered in this program include diamonds and diamond grading, colored stones and colored stones grading, gem identification, equipment and instrumentation, gem treatments and imitations, as well as market and supply chains. The Graduate Gemologist credential may be earned upon completion of five (5) online courses and three (3) hands-on lab courses. Gemologist credential may be earned upon completion of five (5) online courses and three (3) hands-on lab courses.

Certified Master Appraiser is the highest credential awarded by the National Association of Jewelry Appraisers (NAJA). A Certified Master Appraiser must have been engaged in the practice of writing gem and jewelry appraisals for at least seven (7) years and have accumulated a minimum of nineteen (19) education points. A Certified Master Appraiser must have successfully completed the NAJA Appraisal Studies Course as well as the practical appraisal examination. A Certified Master Appraiser must have an NAJA Accredited Gem Laboratory and must achieve sixteen (16) hours of continuing education each year to maintain Certified status.

Registered Gemologist Appraiser is the highest credential awarded by the International School of Gemology (ISG). The ISG Registered Gemologist Appraiser for Professionals Program is designed for those who have earned gemological diplomas from other accepted schools. It is composed of four courses: Introduction to Watches, Created and Treated Gemstones, Jewelry Insurance Appraisal and Evaluating Damage Jewelry. The Introduction to Watches and Created and Treated Gemstones courses are intended to bring the student's gemology education up to the level required for our Registered Gemologist Appraiser program. Prior completion of NAJA's Appraisal Studies Course was credited as equivalent to the Jewelry Insurance Appraisal course. The Evaluating Damaged Jewelry course is unique in the industry and is required of all RGA candidates.

Applied Jewelry Professional is a credential awarded by GIA upon the completion of the following three (3) courses: Jewelry Essentials, Diamond Essentials and Colored Stones Essentials. The Applied Jewelry Professional program covers topics such as jewelry designs, setting styles, jewelry care, as well as basic information about diamonds, rubies, sapphires and emeralds.

The **Graduate Diamonds** diploma program examines the technical expertise needed to grade, buy, and sell diamonds with the insight of a seasoned professional. This diploma program explores the GIA diamond grading procedures to assess the 4Cs – color, clarity, cut and carat weight – and how they affect diamond value. Students use professional diamond grading equipment for the purposes of examining a diamond's quality characteristics to grade and identify diamonds.

The **Graduate Colored Stones** diploma program explores more than 60 species of common and collector gemstones found in the marketplace. Subjects covered include the GIA Colored Stone Grading System, gemstone formation, composition, sources and how to distinguish natural, treated and laboratory-grown gemstones. Students learn how to operate gemological equipment effectively to identify gemstones, as well as learn about the different value factors of colored gems.

The **Graduate Pearls** diploma program teaches GIA's 7 Pearl Value Factors™: size, shape, color, luster, surface quality, nacre quality and matching – the essential criteria for assessing the value and beauty of pearls. The program also discusses how market factors and the supply chain affect value. The Graduate Pearls credential may be earned upon the completion of one (1) online course and one (1) hands-on lab course.

The **Certified Senior Management Professional** designation is awarded by the Jewelers of America (JA) upon successful completion of two (2) Certified Management Professional Exams. This certification validates jewelry knowledge and proficiency to national standards, and is reflective of what is commonly needed to manage stores in a multi-unit operation. It also designed for managers of independently owned stores, who must address concerns such as financing, advertising and pricing.

The **Certified Senior Sales Professional** designation is awarded by JA upon successful completion of two (2) Certified Sales Professional Exams. This certification requires moderate to advanced sales skills and knowledge of a jewelry sales professional, and at least one year's experience.

Accredited Senior Gemologist - The Accredited Senior Gemologist title is given to voting members of the Accredited Gemologists Association (AGA). This designation represents individuals who believe in excellence and are dedicated to establishing the highest ethical and professional standards of practice in the gemological profession. Requirements include professional references and an approved gemological credential.

The **CPAA Certified Cultured Pearl Specialist** designation is awarded by the Cultured Pearl Association of America upon the completion of the PAO Pearl Specialist Course. The course discusses the location, history, value factors, and culturing process behind many varieties of cultured pearls including akoya, freshwater, Tahitian, and South Sea.

EXPERIENCE

In addition to having performed appraisal services for both private clients and those within the trade, I have also been engaged as a subcontractor to assist with the valuation of jewelry and watches that have been confiscated by US government agencies, including the US Secret Service (USSS), the Internal Revenue Service (IRS), Customs and Border Protection (CBP), Immigration and Customs Enforcement (ICE), and the US Coast Guard (USCG). I also have experience as an expert witness, having provided successful litigation support in multiple cases involving gems and jewelry.

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| Global Gemology & Appraisals | 2017 to Present |
| Gemologist, Jewelry Appraiser, Expert Witness, Jewelry Buyer | Deerfield Beach, Florida |

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| Deerfield Pawnbrokers | 2009 to 2021 |
| Jewelry Appraiser, Jewelry Buyer, Pawnbroker | Deerfield Beach, Florida |

USPAP CONFORMITY

My Appraisal Reports are prepared in conformity with the 2024 Edition of the Uniform Standards of Professional Appraisal Practice (USPAP).

The **Uniform Standards of Professional Appraisal Practice (USPAP)** is the generally recognized ethical and performance standards for the appraisal profession in the United States. USPAP was adopted by Congress in 1989, and contains standards for all types of appraisal services, including real estate, personal property, business and mass appraisal. Compliance is required for state-licensed and state-certified appraisers involved in federally-related real estate transactions. To become a real property appraiser in the United States, appraisers must take the 15-Hour National USPAP Course (or its equivalent). Additionally, real property appraisers must take the 7-Hour National USPAP Update Course (or its equivalent) once every two calendar years. USPAP contains Standards for mass appraisal, personal property and business valuation. The USPAP book also includes important guidance in the form of Advisory Opinions and Frequently Asked Questions.

PROFESSIONAL AFFILIATIONS AND CERTIFICATIONS

On January 22nd, 2020, I was awarded NAJA Accredited Gemological Laboratory certification. This certification represents NAJA's leading gemological laboratories who believe in excellence and are dedicated to establishing the highest ethical and professional standards of practice.

I am presently an active member of multiple professional organizations, allowing me entry to conferences, seminars, and other exclusive educational opportunities. I also have access to advanced testing equipment including RAMAN spectroscopy, UV-VIS-NIR, and Sarine technology.

Accredited Gemologists Association (AGA)

Active Member: 2023 to Present
Membership Level: Voting Member
Credentials: Accredited Senior Gemologist

Cultured Pearl Association of America (CPAA)

Membership Level: Alumni
Certification: CPAA Certified Cultured Pearl Specialist

Gemological Institute of America (GIA)

Active Member: 2010 to Present
Membership Level: Alumni
Credentials: Graduate Gemologist (GG)
Applied Jewelry Professional (AJP)
Graduate Diamonds (GD)
Graduate Colored Stones (GCS)
Graduate Pearls (GP)

International School of Gemology (ISG)

Active Member: 2023 to Present
Membership Level: Alumni
Credentials: Registered Gemologist Appraiser (RGA)

Jewelers of America (JA)

Active Member: 2023 to Present
Membership Level: Member
Certification: Certified Senior Management Professional (CSMP)
Certified Senior Sales Professional (CSSP)

National Association of Jewelry Appraisers (NAJA)

Active Member: 2018 to Present
Membership Level: Alumni
Credentials: Certified Master Appraiser (CMA)
Certification: NAJA Accredited Gemological Laboratory

EDUCATION

I have earned multiple educational diplomas in the fields of diamonds and gemology, as well as jewelry appraisal methodology. I am required to complete a minimum of sixteen (16) continuing education hours, annually, in order to maintain Certified status with NAJA, which I often exceed. Below is a list of my educational background:

Appraisers Association of America (AAA)

2023 - Appraising The Jewelry After It's Gone
2023 - Tough Talks, Difficult Discussions and Crucial Conversations
2022 - USPAP 7 Hour Update Course Completed 06/27/2022
2021 - Working with Auction Houses
2021 - Appraising Watches in 2021
2021 - A Defensible Appraisal Report
2020 - Market Analysis: When, Where and How Much to Write
2020 - Theory and Methodology of Appraising
2020 - Research Methods for Appraisers
2020 - Legal and Ethical Aspects of Appraising
2020 - Appraisal Writing Workshop
2020 - USPAP 15 Hour Course Completed 08/07/2020

American Gem Society (AGS)

2023 - Advanced Personal Property Appraisal Course

American Society of Appraisers (ASA)

2024 - Necessary Preparation for Depositions and Key Distinctions Between Deposition and Trial Testimony

2024 - The Daubert Standard: An In-Depth Review of the Admissibility of Expert Witness Testimony

2024 - Mistakes to Avoid in Litigation Appraisals

2023 - Appraising Gems & Jewelry for Insurance Scheduling

2023 - Appraising The Jewelry After It's Gone

2023 - Tough Talks, Difficult Discussions and Crucial Conversations

Christie's Education

2024 - Watches

2023 - Jewellery: Gemstones, Metal, Fashion, Film and Objets d'art

2022 - Studio Jewelry: From Mid-Century Pioneers to Contemporary Jewelry Masters

2019 - History of Jewellery Design: 1880 to Now

Cultured Pearl Association of America (CPAA)

2023 - PAO Pearl Specialist Course

Gem Certification & Assurance Lab (GCAL)

2024 - Facts, Fiction, and FAQs - Exploring Nuances of Lab Grown vs. Natural Diamonds

Gemological Institute of America (GIA)

2023 - Gem Access Program

2023 - Pearl Grading Lab

2022 - Gem Access Program

2022 - Introduction to Gem and Jewelry Photography

2022 - Ruby: Country of Origin Determination

2021 - Continuing Education Program

2020 - Jewelry Forensics

2020 - Continuing Education Program

2019 - Continuing Education Program

2019 - Pearls

2017 - Gem Identification Lab

2016 - Gem Identification
2012 - Colored Stones
2011 - Colored Stones Essentials 2010 - Diamonds & Diamond Grading
2010 - Diamond Essentials

International School of Gemology (ISG)

2023 - Evaluating Damaged Jewelry
2023 - Litigation and Expert Witness for Appraisers
2023 - Created and Treated Gemstones
2023 - Introduction to Watches

Jewelers of America (JA)

2023 - Management Professional Certification Exam - Level 2
2023 - Management Professional Certification Exam - Level 1
2023 - Sales Professional Certification Exam - Level 2
2023 - Sales Professional Certification Exam - Level 1

Matson & Associates

2023 - Effective Expert Witnessing

National Association of Jewelry Appraisers (NAJA)

2021 - ACE©It Virtual Winter Conference
2020 - Jewelry History, Specific Jewelry Types, Expert Witness & More
2019 - Appraisal Theory & Methodology

SEAK - The Expert Witness Training Company

2023 - How to Testify as an Expert Witness at Deposition and Trial

Trial Guides

2023 - Selecting and Presenting a Bulletproof Expert Witness
2023 - Expert Witnesses: Maximizing Impact from Yours and Minimizing Theirs

Watch Certification Services of America (Watch CSA)

2024 - The Rolex Geek Master Class
2024 - Watch Authentication: A Process For Identifying Super Fakes

SKILLS

- Appraisal review
- Circa dating vintage and antique jewelry
- Damage evaluation and determining cause of damage
- Diamond grading and verification
- Expert witness and litigation support
- Forensic examination of diamonds, gems, jewelry, and watches
- Gem identification
- Manufacturing defect identification
- Lab grown diamond detection (both CVD and HPHT), as well as CZ and moissanite
- Performing well in high pressure situations
- Salvage recovery for insurance companies
- Valuing diamonds, colored gems, jewelry, and watches

PUBLISHED AUTHOR

In 2018, I published a book titled **The Art of Gemology**. The hardcover book contains a collection of original photomicrographs captured of various gems including diamond, emerald, pearl, ruby, sapphire, tourmaline, turquoise, and more.

REFERENCES

Alex Altier, A. Altier Jewelers - (954) 346-3335
Frank Papper, Deerfield Pawnbrokers - (954) 421-4270
Kristopher Linn, GG - (970) 456-8251
Matt Ubertini, GG, AJP - JEM Logics - (631) 769-4441
Robert James, FGA, GG, Global Claims Associates - (210) 464-1473
Roger Barnes, GG, Certified Jewelry Appraisals of Florida - (561) 350-4875