Chicago Society for Coatings Technology

March 2017 Volume 19-14

MARCH 2017 NEWSLETTER

MARCH DINNER MEETING

The March meeting will be held on Monday, March 13th at

Purdue University Hammond Campus, Gyte Building Rooms 232 and 240

Registration will begin at 5:30 and the speaker will begin at 6:00 followed by dinner.
http://www.chicagocoatings.org/

Scheduled speakers are Dr. Hal Pinnick from the Chemistry and Physics Department of Purdue University and Dr. John Cox of Sherwin Williams.

Dr. Hal Pinnick will talk about the Chemistry Department of Purdue and the courses offered, programs ongoing at the University and the grant from CSCT. Dr. John Cox will discuss the Coatings Program at Purdue and the Certificate Program Credit for Coatings Courses taken.
These discussions will be followed by poster presentations from the students.

Please join us in supporting Perdue University and their students !

Reservations may be made on our website at

Click here for directions

CSCT AND CPCA/CSCT Scholarship Applications are now in process !

- ***CPCA/CSCT Scholarship**: APPLICATION MUST BE SUBMITTED TO THE CPCA EDUCATION CHAIR BY APRIL 1*
- ***CSCT Scholarship**: COMPLETED APPLICATION, TRANSCRIPTS AND LETTER OF RECOMMENDATION MUST BE SUBMITTED TO THE CSCT EDUCATION CHAIR BY MARCH 20, 2017*

2016-2017 Technical Dinner Meeting Schedule

- ***March 13th at Purdue University-Calumet 2200 169th St. Hammond, IN 46323***
- ***April 10th at Redstone American Grill 13 Lincoln Center, Oakbrook Terrace, IL 60181***

Other Notable Events

Windy City Coatings Course

April 18-19, 2017 O'Hare Campus of DePaul University

May 18th, 2017 - Past Presidents and Awards banquet

Maggiano's Little Italy

240 Oak Brook Ctr., Oak Brook, IL 60523

CTT/Symco September 14 & 15, 2017 at the

The Westin Lombard Yorktown Center

70 Yorktown Shopping Center Lombard, IL 60148

Registration information is available at www.coatingsconference.com

Chicago Society for Coatings Technology

ANTI-TRUST STATEMENT from the CSCT Bylaws

AI-VII ANTI-TRUST STATEMENT

In order to protect your personal and company interest while attending a CSCT function our policy of compliance with all antitrust laws are strictly followed. Penalties for violation of antitrust laws include severe fines and imprisonment, so the CSCT urges you to these guidelines while attending a CSCT function.

- ***Do Not discuss prices (including price increases and pricing methods), discounts, term of sale, and the refusal to deal with another company or profit margins with any representative of any associative company.***

- ***Do Not make any announcements about your prices or those of competitors.***

- ***Do Not talk about the plans of individual companies (yours/competitors) regarding specific geographic or product markets or regarding particular customers.***

For each meeting an agenda and minutes are prepared, both of which are reviewed by the CSCT Executive Board before they are read at the meeting. This helps to ensure that the Anti-Trust laws are observed.

If you have any questions please contact a CSCT board member*

****Current CSCT Board Members contact information may be found on the CSCT website***

http://www.chicagocoatings.org/

Chicago Society for Coatings Technology

EDUCATION

SCHOLARSHIPS

CSCT offers two scholarships

- **CSCT Merit Scholarship - This scholarship is intended to foster a pursuit of a college education in the physical science by the children or grandchildren of current members of CSCT**

- **CSCT/CPCA Joint Scholarship - This scholarship is awarded to children of the CSCT or CPCA member. The course of study is not a consideration. Recipients are drawn at random at the CSCT spring meeting in April**

The same application used for both the CSCT Merit and CPCA/CSCT Joint scholarships

Scholarship Guidelines Genaral

Candidates meeting the requirements below are eligible to apply for both scholarships each year of their collegiate career. However, they may receive each respective scholarship award only one time and may receive only one of the scholarships in any given year. (E.g. the Merit Scholarship award recipient will not be included in the drawing for the Joint Scholarship that year, but may reapply for the Joint Scholarship the following year.) The candidate must reapply each year to be considered for that year's scholarship awards.

1. The CPCA/CSCT Joint Scholarship

This scholarship is awarded to children of the CSCT or CPCA, and course of study is not a consideration. Recipients are drawn at random at the CSCT spring meeting in April. The odds of winning this joint scholarship based on your attendance to CSCT technical dinner meetings.

APPLICATION MUST BE SUBMITTED TO THE CPCA EDUCATION CHAIR BY APRIL 1

2. CSCT Merit Scholarship

This scholarship is intended to foster a pursuit of a college education in the physical sciences by the children or grandchildren of current members of the CSCT.

REQUIREMENTS AND INSTRUCTIONS FOR CANDIDATES

1. Complete the application attached to this instruction sheet along with the items below

2. One letter of recommendation is required from a teacher, principal, guidance counselor, or Department head or from someone involved with your extra-curricular activities, job, or Community service

3. A copy of your most recent high school transcripts that includes ACT and /or SAT score if the candidate is a high school senior. Undergraduates must include the most current college transcript

4. An essay titled "The need for a college education" including how your selected area major can be a benefit in the future. Essay to be limited to one typed page

5. Applicant must be the son or daughter, or grandson or granddaughter, of a CSCT member and said member is a current member in good standing for of a minimum of two years

6. Curricula pursued by the applicant must include one of the physical sciences, examples; Mathematics, Chemistry, Computer Science, Physics, & Engineering.

7. The candidate be a full time student, attending (or a high school senior registered to) any Accredited college or university leading to a degree in one or more of the above curricula

8. The grant is for one year and is not renewable or transferable

9. Award is paid directly to the college or university for application against tuition and fees

COMPLETED APPLICATION, TRANSCRIPTS AND LETTER OF RECOMMENDATION MUST BE SUBMITTED TO THE CSCT EDUCATION CHAIR BY MARCH 20, 2017

Scholarship application process already started !
CPCA/CSCT Joint Scholarship based on a random draw. The odds of winning this scholarship based on your attendance to CSCT dinner meetings

POLYMER AND COATINGS SCIENCE DEGREES

POLYMERS & COATINGS SCIENCE

Masters Degree Program at DePaul University

Modern coatings, a $10 billion industry in the United States, protect and beautify our surroundings. The need for improved products, concern for their effects on the environment, and the need to conserve petroleum resources present new challenges to the coatings industry as well as new opportunities for chemists trained in polymers and coatings science.

DePaul University is one of only four institutions in the United States that offers a graduate program of study in the coatings field. The program began in 1985 and has six to eight graduates each year.

PROGRAM OBJECTIVES

The main objectives of the program are twofold: To satisfy the demand for technical professionals in the coatings industry at an advanced level, and to provide an opportunity for Bachelor of Science level coatings chemists in the Chicago area to enhance their knowledge and skill for improved levels of performance and advancement in salary and rank.

EXPERT FACULTY

The Department of Chemistry at DePaul University has eleven full-time faculty members and has been offering courses in polymer chemistry since 1971. Chemists from local industries teach specialized coatings courses.

PROFESSIONAL ENDORSEMENT

The Coatings Technology Program at DePaul University has received the endorsement and active support of the Chicago Society for Coatings Technology and the American Coatings Association.

ADMISSION REQUIREMENTS

The program requires graduate admission to DePaul University. Candidates should have earned the Bachelor of Science degree in chemistry or its equivalent. The twelve-course curriculum (48 quarter hours) requires about nine quarters of study. Required courses include five advanced courses in Inorganic, Organic, and Physical Chemistry; three courses in Polymer Chemistry (Synthesis, Characterization, and Physical Chemistry), and 2 courses in Coatings Technology.

All graduate courses are taught in the evening, with labs on Saturday morning. Students may also enroll in Coatings and Polymer courses as non-degree seeking students to enhance their knowledge.

CONTACT INFORMATION

Dr. Gregory B. Kharas
DePaul University – Department of Chemistry,
1110 West Belden Avenue, Chicago, IL 60614
773-325-7367 (voice) 773-325-7421(fax)
email: gkharas@depaul.edu
http://www.depaul.edu/

GRADUATION REQUIREMENTS

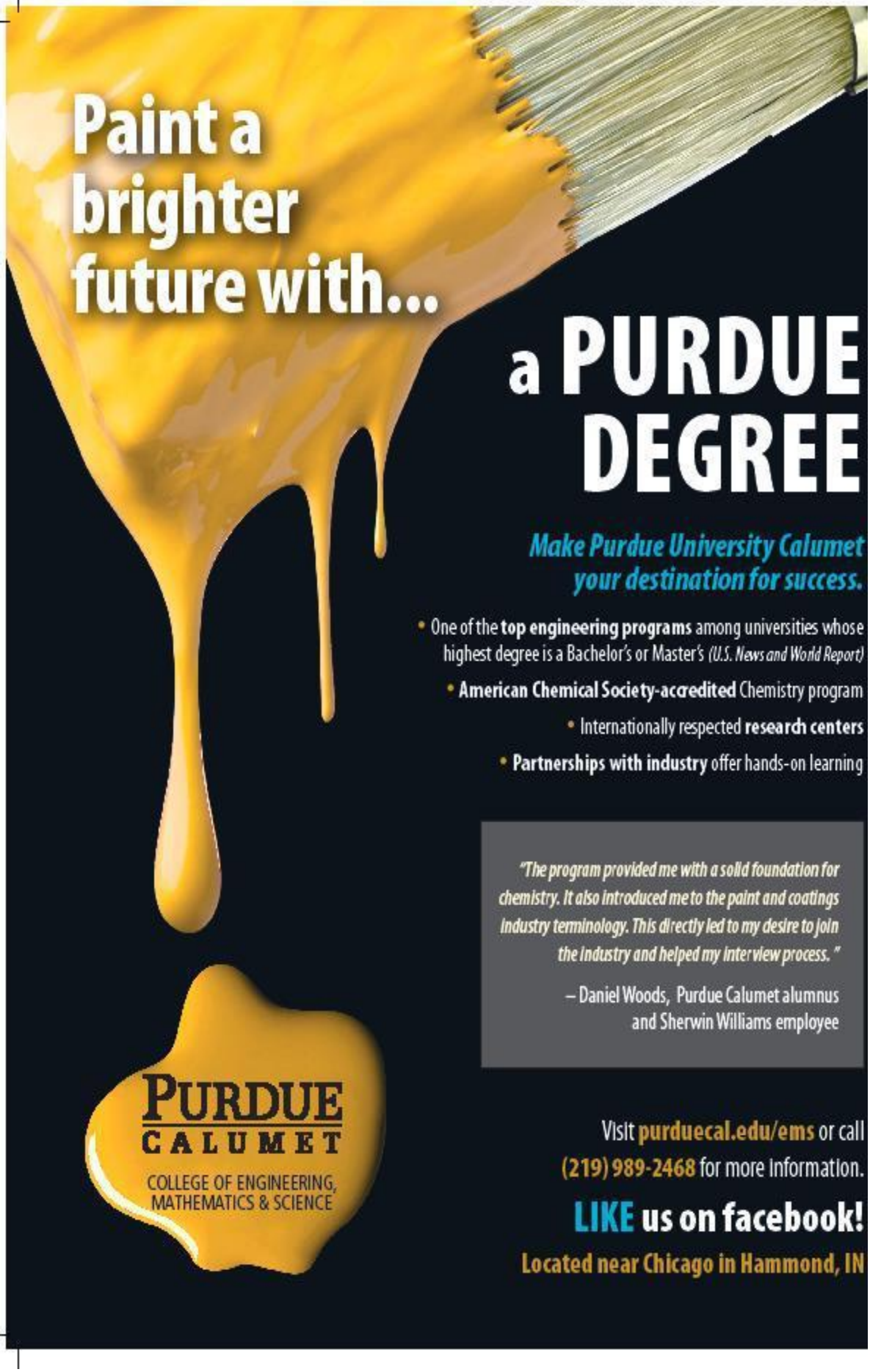
Courses: a minimum of 48 quarter hours (q.hrs.), including:
CHE 422. Inorganic Structure and Reactivity
CHE 450. Adv. Mechanistic Organic Chemistry
CHE 452. Adv. Synthetic Organic Chemistry
CHE 430. Polymer Synthesis
CHE 431. Polym. Synthesis Laboratory (2 q.hrs.)
CHE 432. Physical Chemistry of Polymers
CHE 434. Polym. Characterization
CHE 435. Polym. Characterization Lab. (2 q.hrs.)
CHE 436. Polymer Technology
CHE 438. Material Science
CHE 460. Coatings Technology I
CHE 462. Coatings Technology II

All courses above are 4 quarter hours except lab courses (2 q.hrs.)

And any two of the following special topics courses (2 for a total of 4 q.hrs.)

CHE 480. Sp.Topics in Analytical Chemistry
CHE 484. Sp.Topics in Inorganic Chemistry
CHE 486. Special Topics in Organic Chemistry
CHE 488. Special Topics in Physical Chemistry

The specific schedule of courses taken will depend upon when the program is started, when the courses are offered, and the student's personal preference regarding sequencing and course loads.


Paint a brighter future with...
a PURDUE DEGREE
Make Purdue University Calumet your destination for success.
• One of the top engineering programs among universities whose highest degree is a Bachelor's or Master's (U.S. News and World Report)
• American Chemical Society-accredited Chemistry program
• Internationally respected research centers
• Partnerships with industry offer hands-on learning
"The program provided me with a solid foundation for chemistry. It also introduced me to the paint and coatings industry terminology. This directly led to my desire to join the industry and helped my interview process."
– Daniel Woods, Purdue Calumet alumnus and Sherwin Williams employee
PURDUE CALUMET
COLLEGE OF ENGINEERING, MATHEMATICS & SCIENCE
Visit purduecal.edu/ems or call (219) 989-2468 for more information.
LIKE us on facebook!
Located near Chicago in Hammond, IN

Chicago Society for Coatings Technology

MEMBERSHIP

Greg Nelson of Advanced Polymer, Inc.
to our CSCT family!

Get Local CSCT Application

Renew or Pay Online

If you wish to register for both the American Coatings Association (formerly FSCT) and the CSCT please register with each organization separately to facilitate proper credit and record keeping.

Federation Code of Ethics
Honor, justice and courtesy constitute the cornerstone of the professional ethics which shall guide the members of the Federation of Societies for Coatings Technology. Members shall unremittingly make these elements of conduct basic to the discharge of their duties in the paint industry to the end that:

1. ***Members shall recognize their responsibilities to the public by serving it with integrity, fidelity and courtesy; by providing the most useful and serviceable products; and by encouraging the dissemination only of true, fair and unexaggerated statements of facts.***
2. ***Members shall recognize their responsibilities to their employers in giving fair and just opinions to those whom they may serve and to those who may serve***

them; by striving to improve the quality of the products over which they may have control and the efficiency of their manufacture; by discouraging the manufacture of unprofitable items; by maintaining an inquiring attitude toward new techniques and developments; and by encouraging the introduction of improved methods and materials. They shall not seek or accept new employment based primarily on the specialized knowledge of their present employers.

3. *Members shall actively support and take part in the work of their local Societies and the Federation, exchanging noncompetitive information and seeking fundamental information which will increase the basic knowledge of the paint industry and will improve its products, equipment and manufacturing methods.*

Qualifications for Membership in the Societies and the ACA

Active Member

Any individual engaged in research, engineering, technical development, quality control or supervisory production work for the manufacture, use or improvement of the finished products or raw materials of the protective or decorative coatings and printing ink industries, is eligible for Active membership.

Associate Member

Any individual not eligible for Active membership, but who is intimately interested in and associated with the protective and decorative coatings and printing ink industries is eligible for Associate membership, provided that the Society has established such class of membership.

Educator and Student Member

Any individual who is a college or high school educator or who is a student registered in an educational institution of recognized standing in a course of study in chemistry, engineering, physics, or other related sciences leading to a degree, shall be eligible for Educator and Student membership.

Retired Member

Any Active, Associate, or Educator Member shall be eligible for Retired membership when he/she has severed connection with his/her employer by nature of retirement due to age, disability or for reasons deemed suitable by the Membership or other appropriate Committee of the Society, and is no longer considered a permanent employee in the protective and decorative coatings and printing ink industries.

Transfers

Any Active or Associate Member who changes companies within the same Constituent Society may apply for transfer. Members who change companies between different Constituent Societies must apply for membership in the new Constituent Society.

Chicago Society for Coatings Technology

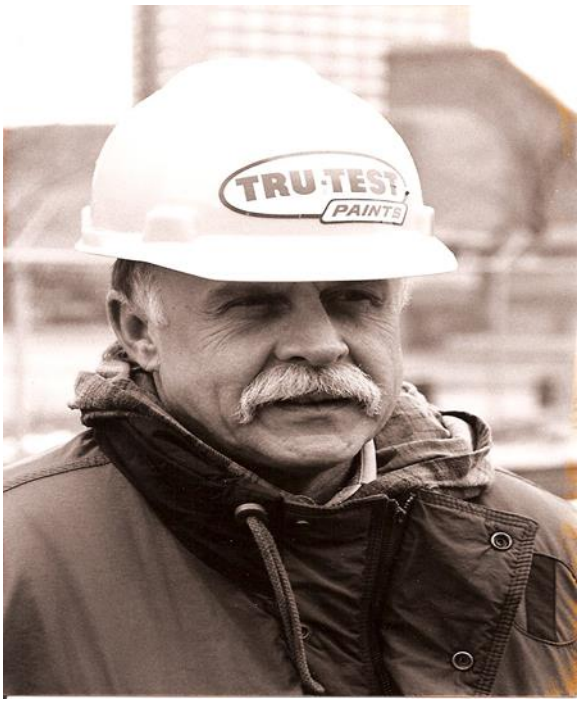
CSCT 25/50 YEAR CLUB

John Sattelmaier

Yucel Burdurlu – Tavolara

Kevin DeRose

John Sattelmaier 50 year inductee



In 1943, I started my dream to be an X ray technician in a Hospital. Because of my affiliations with this hospital in Chicago I had the fortune of meeting Miss Elizabeth Dixon the president of Armstrong Paint and Varnish on Kilburn Ave in Chicago. I wanted to work part time so I was hired for the summer while taking courses at Roosevelt University. I decided not pursue the idea of becoming an X-Ray Technician. Armstrong hired me full time and I worked in the coil coating lab with Mr. Walter Krason. I was appointed to be superintendent of the Lacquer Division. During my employment I was attending Chemistry course along with courses in Coatings Technology, and principles in Color Technology at Roosevelt. Armstrong sold parts of the industrial paint Division to Glidden on Le Clare Ave in Chicago. I was hired to replace the Superintendent of the Vinyl can coating division. After a short sabbatical on the West coast, I returned to Chicago and was hired as a quality control Technician at the Enterprise Companies on South

Ashland. I later became the superintendent of The Floor Wax and soap division of Federal Chemical a division of Enterprise. I was offered a position at Cotter and Co, manufacturing the paint for the True Value Hardware stores. I became Plant Manager of the Blackhawk location in Chicago. I ended my career with an early retirement at age 62. I was a member of The Joint Education Committee of The Chicago Society for Paint Technology and the Chicago Paint and Coatings Association. I have enjoyed my retirement as a Chaplain of The Episcopal Church. I love bike riding and long walks alone the lake front with my Golden Retriever Walter. Some important people who supported me were Walter Krason, Richard Hille, Bud Farmer, Louis Barta.

Yucel Burdurlu-Tavolara 25year inductee

I was born and raised in Istanbul Turkey. After receiving my Bachelor's degree in chemistry from Hacettepe University Ankara Turkey, I continued on California State University Long Beach as an international student to do my graduate study. There, I worked as a graduate assistant, which involved grading undergraduate quizzes and exams, and helping undergraduate students in the laboratory.

My first job was with Smith International Tools Company as an analytical laboratory technician where I operated a Karl Fisher instrument to analyze oils from the used drilling bits brought from the field.
Then, I was hired by Ameritone Paint Corporation. This is where I started my career in coatings. Ameritone later become Sinclair-Ameritone Paint Company. I worked there 12 years. I was a member of Los Angeles Coating Society at the time.
Sinclair-Ameritone was acquired by ICI Paints North America. I was offered a position in their Strongsville Research Center. I worked on a variety of interesting projects in collaboration with their Slough Laboratory in Slough, England, ICI France in Rouge, France and ICI South America Research Center in Sao Paulo, Brazil. I was with ICI Paints North America 13 years during which I was a member of Cleveland Coating Society.
Next, I worked for BUNGE Oils North America where, I worked with inorganic synthesis of anticorrosive pigments and tested them in collaboration with Batelle Laboratories in Columbus Ohio, University of Southern Mississippi and Southwest Research Institute in San Antonio, Texas.
This was a very exciting time of my life, career wise. I liked corrosion science and thought about becoming a corrosion engineer in future life.
Presently, I am with True Value Manufacturing in Cary Illinois as a Research Chemist. After 37 years in the industry, I am back to my roots of a paint formulator. The difference is now, with the wealth of knowledge I have gathered from my various positions over the years, I am able to see gallon of paint in a different light.

Kevin DeRose 25year inductee

Born: April 27, 1965

Birthplace: Chicago, IL

- ***2 children and 4 grand children***
- ***Currently living in Pleasant Prairie, WI with my wife***
- ***Graduated from University of Wisconsin - Parkside with a degree in Chemistry***

<u>CAREER</u>

- ***Began working at True Value Manufacturing in 1989 as a Lab Technician and progressed to the position of Product Formulator***
- ***In 1995, joined the T.H. Hilson Company as a Technical Service Representative offering sales support to the Sales Team. Eventually, I moved to an outside sales position myself covering the Midwest Region***
- ***In 2002 I moved to the USG Corporation in Libertyville, Il where I was a Chemist in their newly developed Specialty Finishes group. Here I had the distinction of co-developing the industry's first true "single coat faux finish", the Michelangelo line!***
- ***In 2013 I made a major move, down to El Reno, OK to join Gemini Coatings as a Senior Chemist/Project Manager. Here I not only developed high quality wood and metal coatings, but also served as Product Manager for their newly developed cementitious coatings.***
- ***Most recently, I've accepted the position of Technical Director for Textured Coatings of America (Tex-Cote) in Panama City, FL where I am overseeing the R&D operations for 3 locations across the U.S.***
- ***Served on the Board for the Chicago Society for Coatings Technology from 2009 – 2012 becoming its President in 2012.***

<u>HOBBIES</u>

I currently enjoy golfing, playing bass guitar, microbreweries, and spending time with my grandkids. I also enjoy house projects that add value to my home such as building decks, additions and doing residential electrical side projects. My wife Kari and I love to travel and we will be going to Kauai this year for our 30th wedding anniversary!

What were you doing 25 years ago…….50 years ago?
If you were a member of any Society for Coatings Technology
25 or 50 years ago and are now a member of the CSCT you may qualify for the
However, we need to know who you are, please contact <u>Evans Angelos</u>
<u>evansangelos@comcast.net or Tel: 630-323-6474</u>