

# THE NORTHERN OHIO CHAPTER

**Established: 1953**



The Northern Ohio Chapter of ASSE was started in 1953 after growing and becoming large enough in membership to create problems for traveling to meetings throughout the state, as an entity of the Ohio Chapter. Records are unclear, but it appears as if the Central Ohio Chapter started around that time also. It also appears that the Ohio Chapter eventually became the Southern Ohio Chapter.

Mr. Carl Bash, a Plumbing Inspector for the City of Cleveland, was busy during that time organizing the chapter and no meetings were held to prepare for the National Meeting of ASSE being held in Kansas City in 1954. Carl was the 1<sup>st</sup> Vice president of the National in 1953 and became President at the Convention in 1954.

Cleveland, Ohio had been the site of several National Meetings prior to this one in 1953, during 1907, 1919, 1928, 1953 and finally the replacement Annual Meeting for the canceled ill-fated meeting scheduled for Portland, Oregon after the 9/11/2001 incident.

Since its inception in 1953, the Northern Ohio Chapter has gone through many dynamic and economic changes that affected its make-up. There were times when membership was very high and participation by members was at a peak. There are also times when we struggled to recruit new members and went to the Local 55 Training Facility under Chuck Kause and later Rob Rybak to challenge the apprentices to be a part of our Industry.

We reinstated the long time proven Apprenticeship Testing Program, offering free memberships to first year students, and prizes to student who took the challenging tests written by Chuck Kause, Bill Billik, Rob Rybak, Bill Armstrong, and others. Testing was done with material extracted from previous year's Zimmer Technical Course material from past Annual Meetings combined with a certain amount of curriculum material. This program has been one of the most innovative and productive programs for the Chapter producing talent for the Chapter that eventually moved on to become members and Board Officers of the NOH Chapter.

After the infamous 9/11/2001 incident, the Chapter went through a significant slow-down in attendance at monthly meetings as everyone became more family oriented and saw an opportunity to be more of a part of a cohesive family unit. No one knew from day to day what was coming next, and cherished quality time with their loved ones. We struggled to entice more attendance but everyone had something else to do or somewhere else to go that took priority over an association meeting. Our answer was to join forces with the Cleveland Chapter of ASPE, who were also suffering from the same lack of attendance. It worked and together we now have a decent attendance at regular meetings. In many cases our members have dual membership in both organizations and this saves them double meetings each month. This is a win-win situation.

This Chapter, over the years, has been blessed with some very knowledgeable members. The list is endless and contains International past Presidents, Manufacturers Representatives, Plumbing Supervisors, Inspectors and Professional Engineers, who promote the Society; it's Professional Qualification Standards, and Seal Control Programs. Everyone has given of their time voluntarily to ensure that the American Society of Sanitary Engineering and the Northern Ohio Chapter will succeed for another 100 years.

What follows is the chronological documented history from information contained in the Annual Meeting Yearbooks as they were available to us:

## ASSE YEAR BOOKS

Books on hand at the library date back to 1908, but the Society was an association of national members meeting annually until our records show the Ohio Chapter's activities starting in 1946. The Northern Ohio Chapter activities start in 1953.

1946- On July 20, 1946, the Ohio Chapter of the Society, held a business meeting in the office of Mr. Leo Newman, in the City of Cleveland, Ohio, for the purpose of electing new Officers for the coming year. The members in attendance also went on record to hold not less than four meetings a year.

Mr. Bash, a plumbing inspector for the City of Cleveland, reported on a problem with a submerged inlet on a bathtub that resulted in a polluted water supply system.

1949- Mr. Carl Bash reported on the Feb. 1949 meeting with speakers from General Electric, Watts Regulator, Bryant Heater Co., Cleveland Fire Protection, and The Cuyahoga Board of Health. There were close to a hundred participating. The Chapter Membership was at 118.

It was also reported that The State of Ohio Steam Pollution and Erosion Commission had no plumbing inspectors or ASSE representatives on the commission. The Ohio Chapter is hopeful of participating in this work in the near future and will make every effort to place a member on this commission.

1952- Mr. Bash reported on four ASSE meetings & refresher courses during the year. All meetings were well attended. He also attended The Ohio Trailer Coach Assoc. Convention in Dayton.

Carl was concerned with the growth and changes in this industry. The coaches are evolving from campers to mobile homes. Laws have to keep up to protect the health of your community.

1954- Report given by Harold Bergman Sec-Treas. Regional meeting talked about a greater membership and a more complete and informative publication. At the June meeting there was talk of establishing a Southern Ohio Chapter to better cover this large state.

1955- Meetings during the year were held in Cleveland, Dayton, and Mansfield. A report was given on a Cincinnati case involving a steamfitter installing plumbing. The judge in the case decided in favor of the steamfitter. Also reference was made to State House Bill #34. This Bill was intended to abolish all journeyman and Master Plumbers examinations and licenses in the state of Ohio.

The association stressed the importance of the necessity of a large membership in order to combat the inroads of the other trades, etc.

1956- The April meeting addressed by Edward Zimmer titled, "Detergents - The Drainage Villain". The subject matter was so interesting and educational that John Crawford of the Cleveland Plain Dealer printed the entire address in the next Sunday Edition.

1957- The February Speaker, Carl Bash, Past National President, talked about the value of a large ASSE membership in guiding legislation at state and national levels.

The May meeting included a field trip to the Cleveland sewage disposal plants. The trip and information made it clear that the contamination of our lake water was do to industrial waste. They were also happy to announce the State of Ohio Pollution Board.

1959- The February Meeting led to the formation of the Southern Ohio Chapter of ASSE. This is the first report of The Northern Ohio Chapter.

1960- The February meeting dealt with Protecting the Water Supply to Hose Outlets. The April meeting was election of officers and how Ohio is keeping up with increasing water and sanitation needs.

1961- The February meeting, Robert C. West, professor of Chemistry at the Case Institute of Technology, reported on how glass linings in water heaters has little effect on increasing the life of a heater. The April meeting was a tour of The Chase Brass & Copper Co. in Cleveland. This tour included seeing a 9" x 6" billet turned into several hundred feet of copper tubing. The May meeting, Mr. John Puzenski Cuyahoga County Sanitary Engineer pointed out the enforcement of the high standards through out the system. The June meeting speaker Robert Wyly, a Hydraulics Research Engineer, spoke on "Some Research Problems Relating to Pipe-Sizing Procedures".

1962- The chapter held the first Fifth Year Joint Apprenticeship Competition in 1962.

1965- The move was made to monthly meetings with many diverse topics being presented: plastic pipes for DWV; Water, Drainage Systems-Noise Control in Hi-Rise Buildings; the How and Why of the Cleveland Plumbing Industry; the Lake Erie Water Project; Improving the Image of the Plumbing Industry; Detergents, pollution of our streams.

1966- The chapter agreed to meet every other month. They are looking at the importance of pollution nation wide and its effects on health and the economy. The chapter took many field trips thanks to the manufacturers-Moen Faucet, Goodrich Chemical Plant, The Oatey Co., Mansfield Pottery, and The American Gas Association Laboratories.

1969- Talks included: "Coming Changes in Plumbing and Sanitation" by Mr. Harry Fransen; "Spacing of Plumbing Fixtures and Noise-The Challenge of Our Time", by Mr. George Macy; and "Communication and Responsibility from Design to a Finished Project, In the Building Industry".

1970- Speaker Louis Blendermann spoke on "A Totally New Approach to the Growing Demand for Controlled Flow Roof Drains". "Inspection and Code Problems in Plumbing" was a panel discussion with: Plumber: Ray Roberts; Engineer: Bill Billik; and Plumbing Inspector: Martin Surella. Mr. L. J. LaTart of Revere Copper and Brass Inc. talked on "Applications of Copper Tube in Plumbing Drainage". A field Trip was conducted to the Ridge Tool Co., who is one of the largest suppliers of plumbing tools. Gerald Gould was the winner of The Cleveland Apprenticeship Contest

The 1970-1971 programs of the Northern Ohio Chapter were the most varied and interesting ever had. Attendance at meetings was exceptionally good that year. They had five meetings this year that included:

- September 23, 1970 an editor from the Building Design and Construction Magazine from Chicago, IL, Mr. J. Anthony Villar, spoke and gave a slide presentation on progress being made in building in England, Germany, France, Denmark and Russia.
- December 2, 1970 dinner meeting was a panel discussion on Piping, Plumbing and Heating Problems and how they were solved in the Case Western Reserve Health Science Center. Various members of the Industry spoke on the topic.
- January 22, 1971 Annual Theater Dinner Party a success, and well attended by members and their wives.
- March 18, 1971 Mr. Edward E. Rosendahl, P.E., Secretary of the Ohio State Plumbing Advisory Board did a review of the State Plumbing Code with Recent Material Changes and Other Additions and Deletions. A question and answer period followed.
- June 4, 1971 Field trip to Modular Homes Division of Albee Industries in Niles, Ohio was interesting and informative and included a luncheon by the Host Company, Albee Industries.

1972- This year's meetings included:

- Plastic Pipe for Gas piping, by Mr. John Hogan, a Distribution Engineer for the East Ohio Gas Co.

- Mr. Charles Kause of Copper Development Corp. talked on "Solvents and Its Application in All Types of Construction."
- ASSE National President Frank C. Richards spoke to our group in February.
- "Area Wide Building Ban and what can be done About It" Was the topic of April's Meeting. Mr. James Schafer, Chief-Water Quality Program, City of Cleveland was the speaker.
- A field trip to The American Gas Association finished up our year.

1973- Mr. Ronald Klimko, General Supervisor in Charge of Cross-Connection for The City of Cleveland, spoke on "New Recommendations Pertaining to City and State Cross-Connection Control.

Seventeen (17) national manufacturers set up exhibits for The Nov. Meeting titled "Plumbing Products Display and New Innovations in Our Industry."

"A Way to Improve and Appreciate Greater Cleveland" by Cleveland State Professor Robert H. Archer was the March topic. A tour of The Lorain Works sheet & Tube Plant of US Steel Corp. was the field trip for the year.

1974- Speaker Charles Bednar Talked about Equipment, Sewage Disposal and Treatment. The Plastic Pipe Institute's Anthony Scarano spoke on "Recent Fire Test on Plastic Pipe."

Manufacturers Night included Displays by 26 National Manufacturers. The field trip this year was to The Crown Filtration Plant.

1975- Ed O'Brien with The State Board of Building Standards spoke on Its Purpose, Procedures and Future Goals. Ward 31 Councilman Gerald McFaul presented the Legislative process and how it relates to members of ASSE. Jack Malloy of General Electric gave a presentation on Heat Pumps.

Manufacturers Night had 41 representatives this year.

1977- Theme of this year was "Go All Out" for new members. The January 1977, meeting was a dinner party/theater meeting after which International President Mr. Al Cohen swore in the new Officers.

April meeting was regular dinner meeting with a presentation by East Ohio Gas Co. entitled "Energy Conservation".

May 1977 the Annual joint ASSE/ASPE Trade Show attended by 300 guest and 30 Manufacturers.

1979- Officers were sworn in during February at the meeting attended by Rosemary Scherer, National President. In May, we held two major events-our Theater Party and midnight breakfast meeting with 85 attendees; and our Manufacturer's Trade show sponsored in conjunction with ASPE Cleveland Chapter. Over 375 Architects, engineers, and inspectors, etc. attended the show.

In August, we held our annual Golf Outing with 56 golfers and 7 extra for the dinner, including manufacturers, contractors and suppliers.

1981- President Erv Mirr installed our chapter officers during our January meeting. Our Annual Manufacturers Show was in May with more than 500 people in attendance. Our Annual Dinner/Theater Meeting was held in June with 50 members and their spouses. And our Annual Golf Outing was held in August with 82 members and guests.

1982- The January Meeting/Dinner Party was held to honor Bill McNally as an active participant in both the NOH Chapter and the National ASSE Organization and for his continued service. The March meeting featured a panel discussion on the subject of "Hospital Plumbing" followed by the Annual Manufacturers Trade Show. August once again found our chapter along with ASPE's local chapter on the golf course for our annual outing.

In addition to the social and business meetings, we formed a committee to deal with the problem of corrosion, chaired by Mr. Ray Emigh of Perfection Corporation. Report of several meetings was given to Sanford Schwartz the national Chairman for a report to the National Conference.

1983- In February, our Installation of Officers by conducted Joseph Miele, President. March found our members at the Breakfast at the Blue Fox Restaurant for our Annual Dinner/Theater Party Meeting. Close to 100 people were in attendance.

In May, we held the Annual ASSE/ASPE Manufacturers Trade Show. It continued to grow in popularity with over 500 people in attendance. Bill McNally chaired the successful event again. August saw the ASSE / ASPE Annual Golf Outing. Rain plagued the event, but the group persevered- over 100 attended.

In September, we toured the Cleveland Southerly Sewage Treatment Plant.

1985- In January, we held the Installation of Officers by Mr. George Broomell, National President at the Cleveland Stadium Pewter Mug. Talks initiated to start a local chapter of the ASSE Ladies Auxiliary. Our annual Dinner Theater Party was at Beck Center, Lakewood, Ohio- 65 in attendance. The chapter sponsored a Backflow Prevention Seminar featuring James Whitlaw, National Sales Manager of FEBCO. Almost 150 people attended the seminar.

The Annual Manufacturers Trade Show was in May at the Cleveland Engineering Society building. The Annual ASSE Golf Outing was held in August with 121 Golfers enjoying themselves.

1986- Pat summarized his tenure at the NOH Chapter during his term as President and six years as an officer and attendance at three National conventions. He expressed a need for more presence in the industry, the need for a National Director, and the possibility of combining with ASPE for more impact. Many members hold membership in both organizations and feel their actions are diluted in the industry. It makes attendance at both meeting very time consuming and tough to handle.

1987- In January, we held the Installation of Officers presided over by National President John Harkins. Our Annual Dinner/Theater Social Meeting at the Beck Center, Lakewood, Ohio, was held in February. Kohler Co. was guest presenter on "Bathrooms in Today's Market" at the March Meeting. In April, we had a joint meeting with Cleveland Chapter of ASPE on "Federal Applications of the use of Lead" and "Use of Backflow Preventers," presented by the Commissioner, Division of Water, City of Cleveland.

In May, we held the Annual Manufacturers Trade show in conjunction with ASPE; and our annual golf outing with ASPE was in August.

In October, we organized a panel discussion on Backflow Prevention and Cross Connection featuring Bill McNally, Jim Kilbane, and Ken Kerr.

1988- We moved our Annual Theater Party to the Front Row Theater where we saw the Lettermen perform. Our Annual Manufacturers Trade show with 500 attendees and 70 exhibitors was held in May. In June, we teamed up with ASPE for a Steak and Beer Outing at Hinckley Reservation Park. In August, 160 golfers participated in the Annual Golf Outing. Bill McNally arranged to have Don Harris, Chief Plumbing Inspector, State of Ohio, speak at our September meeting. And our November meeting was dedicated to Contractors/ Inspectors Night in an effort to improve membership in these categories

1989- We improved performance with membership increasing from 58 in 1988 to 126 in 1989. Two new Social events added this year, which will become Annual events at the request of the attendees. Game Day consisted of a reserved section at the Cleveland Stadium for an Indians game and free hot dogs and .50 cent beer were given out to the members. The second event was A Day at the Races at Northfield Park for a night with the trotters. Dinner was served and a race was dedicated to the Chapter with the Officers getting their picture taken in the winner's circle with the winning horse and silky.

We had our Annual Manufacturers Show and ASSE/ASPE Golf Outing again this year.

We initiated the ASSE Plumbing Apprenticeship Testing with the winner getting an expense paid trip to the National Convention. Local 55 Plumber Union was responsible for putting it together and wrote the testing questions from previous Zimmer Refresher Course information.

1990- We increased membership from 126 to 152, a 20% increase. Game Day was a bigger turnout than last year- 50/50 Raffle for the Apprentice Program raised \$400.00. The Chapter hosted a Dinner Party for the Ladies

Auxiliary National Officers. The second Apprenticeship Testing Contest with Local 55 Plumbers Union went off without problems and was a success.

1991- The chapter has more than 150 members with 32 1<sup>st</sup> year Apprentices to be signed up in December. Our Installation of Officers by John Nussbaum was accomplished in November and our first meeting in December had R.G. Sloane Co showing Industrial applications of Plastic Piping including secondary containment piping.

Meeting topics in 1991 included: East Ohio Gas regulations; the Proper Disposal of Radioactive, infectious and acid waste; the revisions to the Ohio Plumbing Code; SS pipe system; and NFPA 99 Medical Gas Systems. We also held our annual manufacturer trade show; and the annual Apprenticeship Testing Contest with UA Plumbers Local #55. For fun, our chapter members attended a Cleveland Indians ball game; hosted a Steak Roast with the local ASPE chapter; and held our annual golf outing with the local ASPE chapter.

1992- We started the new ASSE year with a special tour of the William Mather Ore Carrier Museum. Meeting topics for this year included: the Proper Handling of Hazardous Chemicals; AIDS in the Workplace given by the American Red Cross; and the Ohio Plumbing Code. Our Regional Director needed to resign due to business commitments, and the chapter named Ken Kerr to fulfill the remainder of his term. We had several social events, including a Cleveland Indians ball game; a Night at the Trotter; and our annual golf outing

We also held our Annual Manufacturers Trade Show; and the annual Apprenticeship Contest with UA Local 55 Plumbers Union.

1993- We were privileged to have President Sal Farruggia install our new officers in January. Again, we had a great slate of topics presented at our meetings throughout the year, include swagelok tube fittings; cictaulic fittings; anti-scalding valves; Factory Mutual updates; and the revisions to the NFPA 99 standard for medical gas systems.

In June, we held our last Game Day with the Indians at the old Cleveland Stadium because it was being torn down. In August, we held our annual golf outing; and the Auxiliary sponsored a dinner cruise in the Goodtime II out on Lake Erie.

1994- In January, President George Bliss installed our chapter officers and was able to award the Apprenticeship Contest Prizes to the winners. The NOH Ladies Auxiliary donated a plaque with space for future winners to the Local.

Several manufacturers gave presentations this year on their new product lines, including Red and White Valves and Jomar Valves. Our Manufacturer's Trade Show with ASPE was another huge success.

In June, we held our frst Game Day in the new Jacob's Field. And in August, we held the combined ASSE/ASPE Golf Outing.

Starting in the fall of 1994, the Chapter started their own newsletter.

1995- On January 12, 1995 we held the Installation of Officers Dinner Meeting with Dick Morin, International President doing the honors. In February, Moen, Inc. invited the chapter to tour their World Headquarters in North Olmsted, Ohio.

On April 13, 1995, we held the Annual Awards Dinner Meeting to honor the three apprentices from the ASSE /Local 55 Apprenticeship Contest

The Chapter held a dinner meeting at Sterles Restaurant covering Medical Gases and the latest laws concerning NFPA 99C. Mr. Bill Billik, Mr. Thomas Bradbury, and Mr. David Kaminski experts in the field educated the chapter. Robert Diener, Ohio's Chief Plumbing Inspector, and Jim Brennan, the head of the Ohio Backflow Department, informed us of the latest developments concerning plumbing codes and backflow within the state.

Our Chapter co-hosted the Product Show during the ASPE Technical Symposium held in Cleveland this year.

We held our annual Indians Ball game in June- only to see them get beat by the Boston Red Sox. And in August, the Auxiliary hosted its second dinner cruise on Lake Erie aboard the Goodtime III. The annual golf outing was moved to October.

1996- Mr. Ken Kerr will become International President this year from the NOH Chapter.

Heating technologies was a common topic at our meetings this year with presentations on "Under Floor Radiant Heating" and "The Importance of Geothermal Heating Systems".

April meeting at the Tavern of Richfield honored the 3 Apprentices who won the Local 55/NOH Chapter Apprenticeship Contest.

For fun, 150 members and guests attended an Indians ball game in May; and 80 members enjoyed a round of golf and steak roast in August.

1997- Our own International President Ken Kerr installed our chapter officers in January.

Meeting topics for 1997 featured medical gas systems, including a tour of the new Local 55 Training facility with mock-up hospital hook-ups for all of the Mid-Year Meeting attendees. Our annual Product Show was held with ASPE as 65 manufacturers presented products at the show.

Once again, we went to see the Indians play at Jacob's Field. Our chapter worked at the concession stands for eight games to raise money for the chapter. We moved our golf outing back to August, which was a success.

1998- Chapter meetings ranged from Municipal Water Supply to NFPA 99 to retirement options and the stock market. We also toured the new Cleveland Browns Stadium that replaced our old meeting place. The tour was arranged through the help of Rich Prospal, whose company helped plumb it.

May saw our Annual Product Show along with a new Ohio Plumbing Code Seminar, for which registered attendees received Continuing Education Unit credits for their jobs. June saw our Annual Baseball Game/Picnic behind the fence, which was again a success.

In August, we had our Annual ASSE/ASPE Golf Outing and over 100 golfers attended and enjoyed a great day out.

Our winning Apprentice Scott Hendricks from Northern Ohio Plumbing joined us at the Annual Meeting as his prize for scoring the highest on the test.

1999- We had three meetings from January until May at Sterles Restaurant. In May we had the joint Product Show with the Cleveland Chapter of ASPE. June saw the Annual Ball Game/Picnic at Jacobs Field as the Cleveland Indians battled the Minnesota Twins.

September resumed meetings with a Board of Directors meeting to explore ideas on how to increase membership and lagging attendance at regular meetings. Joint meetings with ASPE seemed to help both organizations attendance, so it was decided to continue with the practice.

2000- This year we had two meetings, a picnic at the Indians Game and a Golf Outing. Also we had an Apprenticeship Contest again this year. The prizes were changed this year by the Board of Director reflecting the harder times for the Chapter. First prize was \$300.00, second \$200.00 and third \$100.00 instead of taking the winner to the Annual Meeting and paying for his or her expenses.

Attendance at meetings seems to lag no matter what we do. Everyone is busy today and puts attendance off.

2001- January saw the swearing in of our Officers by Tony Rini, IP, at our regularly scheduled meeting. In February, we held a joint meeting inviting ASPE to a Standards Committee Working Group Meeting for the revision of ASSE Std 1016 and 1017 at the International Office of ASSE. A catered dinner followed.

The Annual Local 55 NOH Chapter Apprenticeship Contest was held in March with 45 Apprentices taking the test for prizes of \$300.00 for first, \$200.00 for second and \$100.00 for third place. The prizes were to be awarded to the winners at the regular May meeting.

On March 22, 2001, the NOH Chapter hosted the Mid Year Board Meeting of the Society at the Westlake facility. A wine and cheese social followed for the Board Members and representatives of the Manufacturers attending the meeting and the Standards Committee Working Group meeting.

June- We lost a good friend and long time leader of the NOH Chapter when Bill McNally passed away. He was 78 years old and a long time member of the Chapter. He will be missed.

We had fun in July and August with the annual Cleveland Indians Picnic/Game and the ASSE only Annual Golf Outing.

This year's project (ongoing) was to have the State of Ohio use the series Professional Qualification Standards 5000 and 6000 in the State of Ohio Plumbing Code.

The NOH Chapter Newsletter "Connex-It" was launched by Bob Tesar as the official publication of news and events to the membership. It was proposed that it be converted from a hard copy publication to an E-Newsletter upon full compilation of the membership's email addresses into a data- base. By converting the Chapter could save a hundred dollars per month for publishing costs and mailing expenses.

2002- At our February meeting, 28 members and guests had a spirited controversial meeting covering topics like "air admittance valves," and a presentation by Brien Bellius, Plumbing Supervisor, City of Columbus, Ohio, of the newly formed Society of Ohio Plumbing Inspectors. This organization was a competing organization to the Ohio Association of Plumbing Inspectors, who have been around for 40+ years

Our March meeting was held at the International Office. The topic was a complete explanation of the workings of the Standards Committee and the Seal Control Board. Bob Tesar, Seal Board member, presented a Power Point presentation explaining the Seal Board.

April and May were joint meeting with ASPE covering subjects with the East Ohio Gas Co on codes gas and pipe sizing in April. In April, Mr. Gary Krebs of the Industrial Compliance Division, Department of Commerce, State of Ohio, presented changes coming in the Ohio Plumbing Code.

We had fun in July and August with the annual Cleveland Indians Picnic/Game and the ASSE only Annual Golf Outing.

The NOH Chapter was successful in getting the State of Ohio to adopt the Professional Qualification Standards 5000 and 6000 into the code. Kudos goes to Ed Lyczko, Bill Billik and Tom Wanner, all NOH members and to Ken Kerr for his assistance in this endeavor.

2003- At our January meeting, our own International President Ed Lyczko was able to install our chapter officers. Awards were presented to the winning apprentices from the testing in November. Bill Armstrong (Trainer) and Rob Rybak (Training Director for Local 55/UA) handed out the checks and plaques to the winners.

We held several joint meeting with the local ASPE Chapter with such topics as: Bidding and Construction Planning Process; Plumbing for the Handicapped; Energy Conservation in Plumbing Systems; and Seismic Protection of Plumbing Equipment.

In August, over 100 members and guests participated in our annual golf outing.

2004- We started the ASSE year with a Joint ASPE/ASSE Clambake held at the Cleveland Yachting Club was enjoyed by 60 members and combined guests.

We continued to hold several joint meeting with the local ASPE Chapter with such topics as: Sanitary Drainage; The Do's and Don'ts of Spec. Writing; Grey Water Systems; Storm Drainage; Cold Water Systems; Domestic Water Heating; and Fuel Gas Piping.

In August, over 100 members and guests participated in our annual golf outing.

*This is an excerpt from the The ASSE Centennial Book "Celebrating 100 Years of "Prevention Rather Than Cure" 1906-2006". To purchase a copy, visit [www.asse-plumbing.org/Stds%20Prog%20Info/Pubs%20Order.htm](http://www.asse-plumbing.org/Stds%20Prog%20Info/Pubs%20Order.htm). \$10 of every purchase goes to the ASSE Scholarship Fund.*