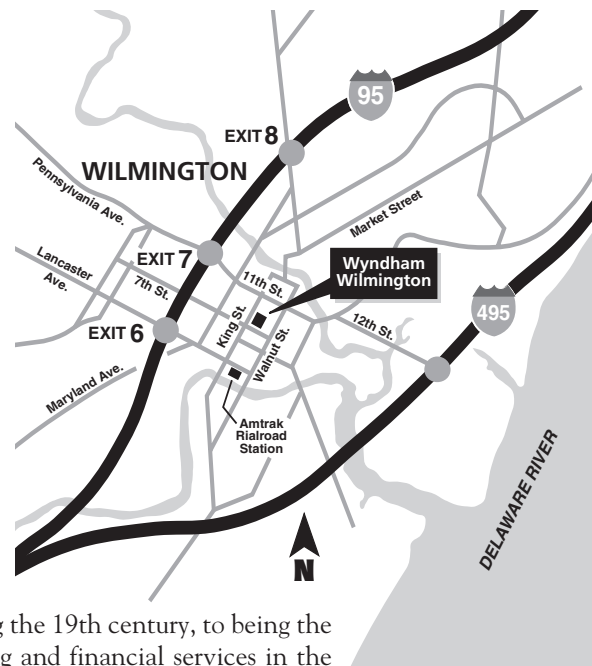


Wilmington

Although settled in the 1630s by Swedish colonists, Wilmington's industrial development did not begin until the 1730s when English Quaker merchants recognized its geographic advantages. The Brandywine River, tumbling out of the hills on the northeast side of the city, provided waterpower, and the slowly meandering Christina to the south offered a tidewater port, conveniently close to the wheat-growing region of Lancaster and Chester counties, Pennsylvania. By the 1770s, the banks of the Brandywine were lined with flour mills annually grinding and exporting tens of thousands of barrels of "Brandywine Superfine." Waterpowered mills (paper, lumber, textiles, gunpowder, spice, and snuff, in addition to flour) set the stage for Wilmington's industrialization in the 19th century, yet the city's merchants and mechanics were quick to invest their accumulated capital and turn their skills to steampower and railroads. Wilmington's economic base shifted from railroad-car manufacturing, tanning, shipbuilding, and carriage making during the 19th century, to being the corporate headquarters of chemical giant DuPont in the 20th century, to banking and financial services in the 21st. Today, the honor of being Wilmington's largest employer has passed from DuPont to bankcard company MBNA. This economically diversified metropolitan area retains active railroad repair shops (Amtrak and Delaware Car Co.), automobile assembly plants (GM and Chrysler), refineries (Sun Oil and Premcore), chemical plants (DuPont, Ciba), pharmaceuticals (AstraZeneca), poultry processing (Perdue), and even steel (ISG). Wilmington has avoided the declining fate of other medium-sized cities in the region, like nearby Chester, Pennsylvania and Camden, New Jersey, with starkly contrasting, collapsed manufacturing sectors and impoverished tax bases.



TOUR SCHEDULE

Although we expect tours to proceed as outlined, individual sites and other details may change due to site availability and other factors. Please consult your confirmation letters and the website for updates. Final details will be provided at the registration desk upon check-in.

■ WEDNESDAY, October 13

6:00 p.m. to 9:00 p.m.

Reception at the Historical Society of Delaware with foods by Piane Caterers featuring local ingredients, followed by a presentation giving an overview of Wilmington's industrial heritage at 8:00.

■ THURSDAY, October 14 *Choose one of two all-day process tours. Both include lunch.*

Anchor Steam

Bus A – 8:00 a.m. to 5:00 p.m.

After a visit to Amtrak's Wilmington shops, once home to the great GG-1 fleet, and Conectiv's coal-fired power plant, travel to DuPont's famed 1903 Experimental Station with lunch overlooking the facility, followed by a trip to Chester, PA, to see the works of Baldrige Anchor, maker of anchor chains, and Kimberly-Clark, maker of toilet tissue.

Heavy Metals

Bus B – 8:00 a.m. to 5:00 p.m.

From Lenape Forge, which originally specialized in pressure vessels and other power generation equipment and now makes all kinds of large forgings, this tour heads to Newark with possible sites including DaimlerChrysler's Durango assembly plant; FMC's biopolymer plant; and W.L. Gore, home of GoreTex. And we may end the day with the Wilmington Marine Terminal, largest fruit importing facility on the East Coast, or the Delaware Car Co., a passenger car repair and overhaul contractor.

■ FRIDAY, October 15 *Choose one of two all-day process tours. Both include lunch.*

Vulcan's Delight

Bus 1 – 7:30 a.m. to 5:00 p.m.

This tour begins at NVF, the nation's only vulcanized fiber maker which has been in the area since 1875 melding plastics with paper. Lunch will be at the homesite of NVF's founders, the Marshall Museum, where the collection of 14 Stanley Steamers will be viewed and a ride on the Stanley Mountain Wagon is promised. The day ends in Coatesville, PA, with ISG, nee Lukens Steel and once owned by Bethlehem Steel, a customized plate maker that is one of the country's oldest continuously operating steel plants.

Hooked on Industry

Bus 2 – 8:00 a.m. to 5:00 p.m.

Visit Amtrak's Wilmington Shops, principal heavy locomotive shop for the Northeast Corridor and for maintenance-of-way equipment, and Conectiv's electrical peaking facility, with a possible visit to Congoleum's flooring plant in Claymont, PA. Then travel along the Delaware River through the truly industrial community of Marcus Hook to visit Viscose Village, a

"Better Things for Better Living...Through Chemistry"

planned community founded by the American Viscose Co. Returning to Wilmington, the day will end with stops at the former Joseph Bancroft & Sons cotton finishing mill, once the largest of its kind in the world, and Hoopes Reservoir and dam, a key part of Wilmington's water supply, and dependent like early industry, on Brandywine Creek.

■ SATURDAY, October 16

Choice of a day at Hagley Museum with custom tours, or a tour of area bridges, both include lunch

Hagley

10:00 a.m. to 4:00 p.m.

Shuttles will begin leaving from the hotel at 9:30. The Hagley Museum, one of the nation's preeminent industrial history museums, is located on the site of DuPont's original powder mills and company village. Customized tours of the waterpower system at 10:00 (additional charge), and tours of the powder yards with Rob Howard, former curator, at 12:00 and 2:00 are highlights. The rest of the time may be spent exploring the extensive grounds and exhibits on your own. Coinciding with our visit, is a craft fair where artisans will be demonstrating, displaying and selling their work. Complimentary admission with SIA tour badge is available throughout the weekend.

Bridges & More

9:00 a.m. to 4:00 p.m.

Northern Delaware offers a cross section of 20th-century bridge types from stone arch, Melan arch, tied arch, suspension, flat-slab, open-spandrel arch, cable-stay, swing span, to bascule. Tour the lower Brandywine and Christina rivers, stop by the Delaware Memorial twin suspension bridges for a photo-op, swing through historic New Castle to take in its beautiful colonial and Federal architecture, then down along the active C&D Canal to the St. Georges Bridge. It may be possible with so many bridges so closely spaced to break an SIA record, but we'll definitely stop to explore nearby mills, forts, railroads, and ports too. This will be a packed day with lots of walking. Wilmingtonian Patrick Harshbarger, editor of SIAN and DelDOT's historic bridge book, will lead the way.

Banquet

5:30 p.m. to 10:00 p.m.

Just a 9-block walk from the hotel is the former Wilmington Water Works. After paying homage to the restored Holley triple-expansion steam pumping engine, cocktails will begin at 7:00 p.m. followed by a lavish buffet dinner overlooking the Brandywine at the Waterworks Café. (Cocktails and wine with dinner are included.)

■ SUNDAY, October 17

Waterfront Walking Tour

10:00 a.m. to noon

Take in the historic waterfront with Sandy Balick, Wilmington born and bred, visiting the Frank Furness-designed train stations, former Pusey & Jones and Harlan & Hollingsworth shipyards, and more, with a possible stop at the sail loft museum chronicling the building of the tall ship, Kalmar Nyckel. (Lunch on your own.)

Rail & Mill Tour

10:00 a.m. to 3:00 p.m.

Shuttle departs hotel at 10:00 for a tour of the waterpower system and bridge restoration at the 18th-c. Greenbank Mill, followed by a return to the steam era with an excursion on the Wilmington & Western Rail Road behind the best 4-4-0 running in the country. Travel through the Red Clay Creek Valley, passing abandoned 19th-c. industrial sites along the way, and end with a visit to the W&W shops. Upon return, shuttle will depart at 2:30 for return to hotel at 3:00. (Lunch included.)

Recommended Reading

Carol Hoffecker. *Corporate Capital: Wilmington in the Twentieth Century*. Temple University Press, 1983.

_____. *Wilmington, Delaware: Portrait of an Industrial City, 1830-1910*. University Press of Virginia, 1974.

Adriane Kinnane. *DuPont: From the Banks of the Brandywine to Miracles of Science*. Johns Hopkins University Press, 2002.

Priscilla M. Thompson and Sally O'Byrne. *Wilmington's Waterfront*. Images of America Series. Arcadia, 1999.

Richard Urban. *The City that Launched a Thousand Ships – Shipbuilding in Wilmington 1644-1997*. Cedar Tree Books, Wilmington, DE, 1999.

Accommodations and Travel

Our hotel is the **Wyndham Wilmington** at 700 King Street. Rates are \$89 for singles and doubles; \$99 for triples, if reserved by September 29, 2004. Call 302-655-0400 or 1-800-WYNDHAM (1-800-996-3426) and ask for the Society for Industrial Archeology group rate.

AIR: Wilmington is served by the Philadelphia airport. SEPTA commuter train/bus service (<http://www.septa.com/> or 215-580-7800), connecting through Philly's 30th Street station can bring you to Wilmington from the airport, but can take hours. It is much faster to take a shuttle. Call Delaware Express Shuttle at 1-800-648-5466. Reservations are required. Cost is \$32 one-way, \$64 roundtrip. Discounts are available for 2 or more traveling together and for reservations made online at www.delexpress.com.

TRAIN: Amtrak provides frequent service to Wilmington. The station is located at French Street and M. L. King Boulevard, just blocks from the Wyndham. Amtrak is offering a Convention Fares discount of 10% off the lowest available fare to Wilmington from October 10 to 20, 2004. It cannot be combined with other discounts. Please call 1-800-USA-RAIL (1-800-872-7245) or contact your travel agent and mention Convention Fares code **X39E-925** when making reservations. Some restrictions apply.

BY CAR: From Philadelphia and North (I-95 South): Exit I-95 South at Exit 7A to Delaware Ave. (State Route 52 South). Continue south on SR 52, which will become 11th St., into downtown Wilmington. Turn right on King St. Hotel is on left.

From Baltimore and South and West (I-95 North): Exit I-95 North at Exit 6 (State Route 4, Maryland Ave. to Martin Luther King Blvd.). At bottom of ramp continue straight north on Adams St. Turn right on 7th St. Turn right on King St. Hotel is on left.

From New York City, New Jersey, and New England (New Jersey Turnpike/I-295 South): After crossing the Delaware Memorial Twin Bridges at the southern end of the New Jersey Turnpike, follow signs for I-95 North to Wilmington. Directions to the hotel from I-95 North are then the same as "From Baltimore" above.

Avis is providing special group rates for car rentals made between October 6 and 24. Call 1-800-331-1600 or go to www.avis.com and use the Avis Worldwide Discount number **D086973** to make reservations. A link is also provided from the SIA website.

For more information, contact Mary Habstritt, SIA Events Coordinator, at 212-769-4946 or events@siahq.org.

REGISTRATION

You can also register online at www.siahq.org

Name: _____

Spouse/Guest Name(s) _____

Affiliation (for name badge): _____

Address: _____

City: _____

State/Province: _____ Zip/Postal Code: _____ Country: _____

Tour participants must be 2004 SIA members OR 2004 members of the Oliver Evans chapter. Members of the national organization will receive priority. Non-members may register after October 1, 2004.

Phone: _____

Home _____

Work _____

E-Mail Address: _____

The information provided above will be printed in a list provided to other attendees of the Fall Tour. If you do not wish to have information, other than your name included, please check here. ☐

EVENT SELECTION

Registration fee _____ @ \$145 = \$ _____

Student rate: _____ @ \$125 = \$ _____

Includes opening reception and choice of tour for Thursday and Friday

Thursday Tour:

Bus A _____ Bus B _____

Friday Tour:

Bus 1 _____ Bus 2 _____

If the tour you choose is full, you will automatically be shifted to the other tour for that day.

Saturday Hagley _____ @ \$25 = \$ _____

Water Power Tour _____ @ \$10 = \$ _____

Saturday bridges _____ @ \$30 = \$ _____

Saturday banquet _____ @ \$40 = \$ _____

Sunday walk _____ @ \$10 = \$ _____

Sunday rail _____ @ \$40 = \$ _____

Late fee if postmarked after Oct. 1, 2004 _____ @ \$20 = \$ _____

Total Registration \$ _____

METHOD OF PAYMENT

☐ Personal check or money order (in U.S. dollars drawn on U.S. bank)
Make check payable to "SIA Fall Tour 2004"

☐ VISA ☐ MasterCard ☐ Discover

Account number: _____

Expiration date: _____

Please record the 3-digit CVV2 security code found on the back of your credit card immediately following the card account number: _____

Name of cardholder (printed): _____

Signature (required): _____

MAIL PAYMENT AND FORM TO:

SIA Fall Tour 2004 – Department of Social Sciences
Michigan Technological University
1400 Townsend Drive
Houghton, MI 49931-1295 USA

Registration questions?

Contact Don Durfee at sia@mtu.edu or 906-487-1889



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Department of Social Sciences
Michigan Technological University
1400 Townsend Drive
Houghton, MI 49931-1295

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Wilmington^{DELAWARE}

Society for Industrial Archeology



2004
FALL TOUR
OCTOBER 13TH - 17TH

