

THIRTY-FOURTH

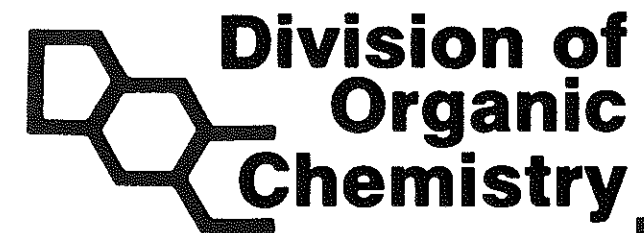
National Organic Symposium



June 11-15, 1995

**The College of William and Mary
Williamsburg, Virginia**

Sponsored by
the Division of Organic Chemistry of the
American Chemical Society



American Chemical Society

Thomas R. Hoyer, Symposium Executive Officer
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January 1995

Dear Colleague:

I want to invite you to attend the 34th National Organic Symposium, sponsored by the Division of Organic Chemistry of the American Chemical Society. It will be held June 11-15, 1995 on the campus of the College of William and Mary in Williamsburg, Virginia.

The purpose of this Symposium is to demonstrate the vitality and the diversity of the field of organic chemistry through presentations of outstanding research at the forefront of the discipline. The program features the Roger Adams Award Address by Barry Trost, as well as lectures by Dale Boger, Steve Buchwald, Dave Evans, Marye Anne Fox, Eric Jacobsen, Bill Jorgensen, Matt Platz, Alanna Schepartz, Ichiro Shinkai, Amos Smith, and Fraser Stoddart. There will be two sessions of contributed posters, and Jack Roberts will present a lecture offering some historical perspective of organic chemistry.

Chris Abelt of the Department of Chemistry at William & Mary is the local chair for the Symposium. He is working with Bill Tian and Bob Jeffrey of the William & Mary Conference Services Office to provide expert logistical management. You can be assured that the on-site aspects of the Symposium will run very smoothly. The William & Mary campus is a beautiful setting with first-rate facilities. All lectures and the poster sessions will be held in the air-conditioned William & Mary Hall.

The Symposium will provide registrants with the opportunity to share outstanding organic chemistry in a congenial and relaxed atmosphere. At each of the Sunday through Wednesday night poster sessions there will be a mixer with snacks and beverages. On Wednesday evening there will be an outdoor Revolutionary War picnic dinner. In addition, a number of special afternoon tours have been arranged for Symposium registrants and accompanying guests.

As many of you are aware, the Williamsburg vicinity offers a tremendous variety of attractions. Many important and interesting historical events that shaped this nation took place in surrounding areas, and that flavor is inescapable. Consider coordinating attendance with a pre- or post-Symposium vacation. Numerous Civil and Revolutionary War sites, Washington DC, the mid-Atlantic coast, Chesapeake Bay, and the Shenandoah and Blue-Ridge Mountains all lie within a few hours drive of Williamsburg. Major airports in nearby Richmond, Norfolk, and Newport News make the area quite accessible.

I know that the 34th National Organic Symposium will be a very exciting and stimulating event, and I hope to see you there.

Sincerely yours,

Thomas R. Hoyer

34TH NATIONAL ORGANIC SYMPOSIUM

Sunday, June 11

1:00 – 9:00 pm	Registration in Tazewell
8:30 pm – Midnight	Opening Mixer and Poster Session A

Monday, June 12

7:30 am – Noon	Registration in Tazewell
8:30 – 9:00 am	Opening Remarks
9:00 – 10:00 am	Dale L. Boger Scripps Research Institute <i>Azadiene Diels–Alder Reactions: Scope and Applications</i>
10:00 – 10:15 am	Questions
10:45 – 11:45 am	Ichiro Shinkai Merck Research Laboratories <i>Development of Practical Asymmetric Synthesis</i>
11:45 – Noon	Questions
7:30 – 8:30 pm	Marye Anne Fox University of Texas, Austin <i>Photoresponsive Solids and Surfaces</i>
8:30 – 8:45 pm	Questions
8:45 – 9:45 pm	Eric N. Jacobsen Harvard University <i>Asymmetric Catalysis Using Readily Accessible Coordination Compounds</i>
9:45 – 10:00 pm	Questions
10:00 – Midnight	Mixer and Conclusion of Poster Session A

Tuesday, June 13

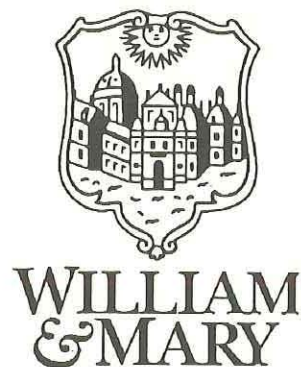
9:00 – 10:00 am	J. Fraser Stoddart University of Birmingham <i>Self-Assembly in Organic Synthesis</i>
10:00 – 10:15 am	Questions
10:45 – 11:45 am	Alanna Schepartz Yale University <i>A Chemical Perspective on Transcriptional Activation</i>
11:45 am – Noon	Questions
7:30 pm	Barry M. Trost Stanford University <i>Roger Adams Award Address: Designing Catalytic Active Sites for Molecular Recognition in a Synthetic Reaction</i>
9:00 pm – Midnight	Mixer and Poster Session B

Wednesday, June 14

8:30 – 9:30 am	Amos B. Smith III University of Pennsylvania <i>Design and Synthesis of Nonpeptide Peptidomimetics</i>
9:30 – 9:45 am	Questions
10:15 – 11:15 am	Matthew S. Platz Ohio State University <i>Photochemical Inactivation of Viruses in Human–Platelet Concentrates</i>
11:15 – 11:30 am	Questions
11:30 – 12:30 pm	Stephen L. Buchwald Massachusetts Institute of Technology <i>Some New Developments in Transition Metal Promoted Chemistry</i>
12:30 – 12:45 pm	Questions
5:30 – 7:30 pm	Revolutionary War Picnic and Entertainment
8:00 pm	John D. Roberts California Institute of Technology <i>An Organic Chemistry Retrospective</i>
9:00 pm – Midnight	Mixer and Conclusion of Poster Session B

Thursday, June 15

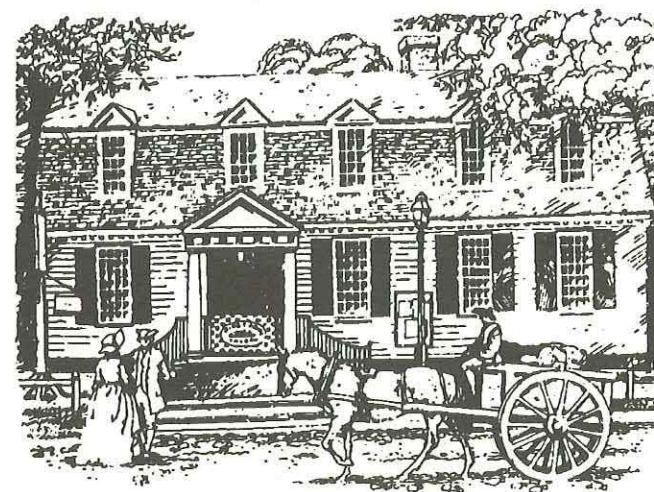
9:00 – 10:00 am	William L. Jorgensen Yale University <i>Molecular Recognition in Organic & Biochemical Systems</i>
10:00 – 10:15 am	Questions
10:45 – 11:45 am	David A. Evans Harvard University <i>Studies in Asymmetric Catalysis</i>
11:45 – Noon	Questions
Noon	Closing Remarks



GENERAL INFORMATION

Williamsburg, Virginia

Williamsburg is the restored capital of Colonial Virginia and the site of the College of William and Mary. The historic Tidewater area including Jamestown and Yorktown draws four million visitors each year. On Williamsburg's Duke of Gloucester Street guests can stroll from the College's original building, designed by Sir Christopher Wren, to the Colonial Capitol, walking in the footsteps of the founders of the nation. The 175-acre Colonial Williamsburg historic area recreates the colonial era and features over 500 meticulously restored and original public buildings, including the Governor's Palace, the Capitol, Bruton Parish Church, the Courthouse, Gaol, and Powder Magazine, as well as a living community of homes, shops and taverns. There are craftsmen practicing 30 historic trades and domestic crafts, costumed interpreters and character actors, and numerous gardens. Nearby Jamestown is the site of the first permanent English settlement in the New World. A National Park and the Jamestown Settlement commemorate the place where America began. Our country's freedom was secured at Yorktown, where the Continental armies under George Washington defeated the British in 1781. Also convenient to Williamsburg are the string of great plantation houses along the James River. Carter's Grove, Berkeley, Shirley, Sherwood Forest and Westover provide a glimpse into the elegant lifestyle of early America. Modern-day attractions abound, too, such as Busch Gardens *The Old Country*, one of the nation's largest and most beautiful theme parks, featuring nine authentically detailed European hamlets. On the lower Peninsula Newport News is home to CEBAF (Continuous Electron Beam Accelerator Foundation), the world's largest collider unit; while Hampton features the Air and Space Museum. Just 50 miles distant is Virginia Beach, one of America's biggest resort beaches.



The College of William and Mary

The College is located immediately adjacent to Colonial Williamsburg in the heart of the Colonial city. Chartered in 1693 by King William III and Queen Mary II, the College is the second oldest institute of higher learning in the United States. So many of America's early leaders were educated at William and Mary, it has been called the "Alma Mater of a Nation." Jefferson, James Monroe, John Marshall and John Tyler attended the College. George Washington was the first American Chancellor. Though retaining the historic designation of "college," William and Mary is actually a small, residential coeducational state university. Best known for its undergraduate liberal arts curriculum, the College also offers graduate work in 14 fields (including Chemistry), and in American studies, computer science, history and physics at the PhD level. The College campus is in the heart of Williamsburg, with restaurants and entertainment located within a ten minute walk of residence halls.

Weather

The weather in Williamsburg in June is warm, with daytime temperatures averaging in the mid-80's, and nighttime temperatures falling into the low 70's. Rain is a possibility, so bring rain gear.

Travel

Convenient public transportation to Williamsburg is available by plane, train or bus.

By Air

Richmond airport is 40 miles west on Interstate 64, Norfolk airport is 45 miles east on I-64, and Newport News-Williamsburg airport is 15 miles east, also on I-64.

American Airlines, Delta Air Lines, and US Air, as co-carriers for the ACS 1995 Meeting Travel Program, are offering 5% off applicable published domestic fares and 10% off unrestricted coach fares. In addition, Delta and US Air are offering special zone fares that are less than unrestricted fares and do not require a Saturday night stay. American will waive the Saturday night stay requirement with an additional \$100 fee. To make your reservation, call American, 1-800-433-1790 from 7 am - 12 midnight, EST, 7 days a week and refer to Star File #S-9900; call Delta, 1-800-241-6760 from 8 am - 11 pm, EST and refer to File #N0800; or call USAir, 1-800-334-8644 from 8 am - 9 pm, EST and refer to Gold File #38540144.

Car rental and limousine service is available at all three airports, or participants may consider taking the bus shuttle service to be provided by the College on the arrival and departure days. (Details provided upon registration)

By Bus or Train

Both Amtrak and Trailways arrive daily at the Williamsburg Transportation Center two blocks from the College on South Boundary Street.

By Car

Williamsburg is accessed via I-64 off I-95 in Richmond. Parking is included in your registration fees. Campus parking permits, which must be displayed at all times, will be available when you arrive.

On-Campus Lodging

Residence hall facilities are available beginning Saturday, June 10 on the campus of the College of William and Mary. Comfortable rooms are furnished with single beds, desks, chairs, closets and bureaus. Bed linens, pillows and bath and wash towels are provided. Bathrooms are located in hallways on each floor with separate facilities for men and women. Telephones for local use are in each room and laundry facilities are located in each hall or complex. You are encouraged to bring items to make your stay more comfortable, such as: clothes hangers, alarm clock, reading lights, and/or radios. Rooms are available at \$18 per person per night for doubles (two to a room) or \$24 per person per night for a single (limited number available). Non air conditioned singles are available at \$10 per person per night. *Please be forewarned that non-air conditioned rooms may be quite warm, and participants selecting this option should consider bringing a fan.* Arrangements must be made by using the Lodging Reservation Form in the back of this brochure. Special questions can be answered by calling William and Mary Conference Services at (804) 221-4084 or e-mail at chem34@mail.wm.edu

Check-out time is 2 pm on Thursday, June 15. Room keys should be returned to Tazewell Conference Center.

Meals

Food service in university dining facilities is included in the residence hall package. Registrants not staying in a residence hall may purchase a meal package, good for the duration of the Symposium. Two dining facilities (the Commons and the University Center) are open Sunday through Saturday for breakfast, lunch and dinner. Meals are served cafeteria-style with unlimited portions. The Symposium meal package (\$62) includes: Breakfasts on 6/12-15, Lunches on 6/12-15, and Dinners on 6/11-13. The Revolutionary War Picnic and Entertainment on Wednesday, June 14 is included in your registration fee. Meal hours are breakfast (7-9 am), lunch (11 am-2 pm) and dinner (5-7 pm).

Off-Campus Lodging

The following hotels will have room blocks available for conference participants. Be sure to indicate your preference on the attached Lodging Reservation Form and return the form to Conference Services at William and Mary. Guests will be responsible for payment to the hotel, and you must provide a credit card number on the Lodging Reservation Form to guarantee your reservation.

THE HOSPITALITYHOUSE is a luxury hotel located directly across Richmond Road from the College and only a few blocks from Colonial Williamsburg.

Single and double occupancy: \$79 per night plus tax
DAYS INN DOWNTOWN is a moderately priced property several blocks away from the campus and William and Mary Hall, the site of most conference activity.
Single to Quadruple occupancy: \$50 per night plus tax

GOVERNOR'S INN is a Colonial Williamsburg property located less than 1/2 mile from campus.
Single or Double occupancy: \$71 per night plus tax

PATRICK HENRY INN is located within one block of Colonial Williamsburg and 1 mile from the College.
Single or Double occupancy: \$62 per night plus tax
Tax is 8 1/2 percent.

Lectures and Poster Sessions

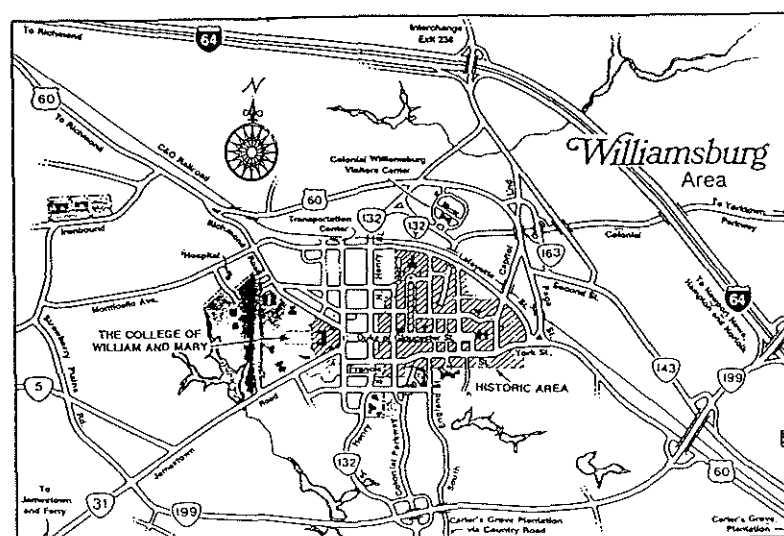
Lectures and poster sessions will be held in air-conditioned William and Mary Hall at the center of the campus.

Call For Poster Abstracts

Registrants are encouraged to submit poster contributions on the enclosed loose-leaf Abstract Form. Abstracts should be mailed to Professor Christopher J. Abelt, Department of Chemistry, College of William and Mary, Williamsburg, Virginia 23187-8795. Poster Abstracts must be received by April 1, 1995.

Recreation

Recreation facilities are available at the Student Recreation Center (Monday-Thursday 8 a.m.-7 p.m.) which is located directly behind William and Mary Hall. The Center contains an Olympic swimming pool, basketball courts, weight room, and racquetball courts. The Busch tennis courts are immediately adjacent to the Rec Center. Equipment may be checked-out with proper ID.



Revolutionary War Picnic and Entertainment

A special Revolutionary War picnic dinner featuring local and colonial foods with entertainment by colonial minstrels will be held in the College's Sunken Garden on Wednesday, June 14.

An Organic Chemistry Retrospective

Following the picnic Professor Jack Roberts, a regular participant in Organic Symposia over the years, will offer a personalized, retrospective look at the field of organic chemistry. Professor Roberts' collection of photographs of chemists at work and "play" will serve as the backdrop for an interesting and informative lecture.

Registration

Advance registration is strongly encouraged. The attached forms should be returned by May 8, 1995. An additional charge of \$20 will be required for all registrations received after that date. Conference and Housing Registration will take place in the Tazewell Conference Center (804-221-3215) on Campus Drive. The registration desk will be open on June 11 from 1 p.m. to 9 p.m. and on June 12 from 7:30 a.m. to 12 noon. Late registration will also take place in Tazewell Conference Center. Upon receipt of your registration, Conference Services will send a confirmation with additional instructions, directions, and information.

Registration Fee Inclusions

Your registration fee includes: admittance to all academic sessions, poster sessions, complimentary beer, soft drinks, and snacks, the Revolutionary War Picnic and Entertainment, campus tour, and all conference materials including the Program and Poster Abstract Book.

Guest Registration Fee Inclusions

Guest registration fee includes: admittance to all poster sessions, complimentary beer, soft drinks, and snacks, the Revolutionary War Picnic and Entertainment, Professor Roberts' historical lecture, and a campus tour.

Local Organizing Committee

Professor Christopher J. Abelt
Department of Chemistry
College of William and Mary
804-221-2551

Robert W. Jeffrey, Jr.
Conference Services
College of William and Mary
804-221-4084

William J. Tian
Conference Services
College of William and Mary
804-221-4084

Electronic Information

Information about the 34th National Organic Symposium is available via the Internet. Gopher to William and Mary (in Virginia) Information, and choose Administrative Information/Conference Services/1995 Conferences/Selected Conference Information.

You may also send your questions to the conference E-mail address: chem34@mail.wm.edu

Refunds

Requests for refunds must be made in writing to the address below. The fee, less \$25, will be refunded if the cancellation is made before June 1, 1995. No refunds will be issued after June 1, 1995.

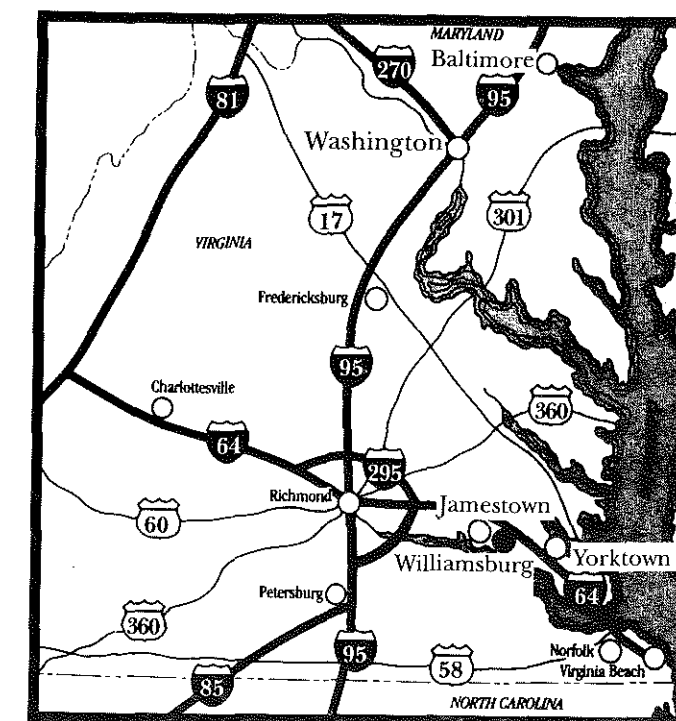
For More Information

For registration, lodging, or tour information contact:

Conference Services
PO Box CS
Williamsburg, VA 23187-3542
(804) 221-4084
FAX: (804) 221-2090
E-mail: chem34@mail.wm.edu

For program information contact the Symposium Executive Officer:

Professor Thomas R. Hoyer
Department of Chemistry
University of Minnesota
207 Pleasant Street SE
Minneapolis, MN 55455
612-624-9091
E-mail: chem34@mail.wm.edu



TOUR DESCRIPTIONS

All tour finishing times are approximate. Please account for this factor when making your plans.

Monday, June 12

Colonial Williamsburg Tavern Lunch and Tour
Monday, June 12
12 Noon to 5 pm

Guests will enjoy a walk through history as they visit Colonial Williamsburg, a living museum which has been preserved and restored to its 18th-century appearance. An historically-trained guide will describe the lifestyle of the colonists, including such leading citizens as George Washington, Thomas Jefferson and Patrick Henry.

Guests will meet at the Wren Building where their orientation will begin. Guides will escort guests to one of Colonial Williamsburg's fine restored taverns where they will enjoy a delicious lunch. Following will be an enlightening guided tour of the historic area.

Fee per person: \$60
Includes: 3 day Deluxe Ticket to Colonial Williamsburg
Colonial Tavern Lunch, Taxes, and Gratuities. (Alcoholic beverages are not included but will be available to individuals on a cash basis.)
Tour Guide



Virginia Beer Tasting
Monday, June 12
2 pm to 5 pm

Sample five different types of beers brewed by an award winning microbrewery at one of Williamsburg's most enduring and popular pubs, the Green Leaf Cafe. You will learn all about the art of brewing — from the physical ingredients and equipment to the chemical processes and reactions that brewmasters use to craft their product — as the brewmasters guide you through a selection of fine local pilsners, lagers, porters, and ales. A delicious selection of foods will be presented to highlight the different tastes each beer offers.

Fee per person: \$25
Includes: Beer Tastings and Food
Traditionally trained Master Brewers

Jamestown Settlement, Jamestown Island And Archaeological Tours
Monday, June 12
1 pm to 5 pm

The beginnings of our colonial history are at Jamestown, on the banks of the James River. Jamestown Settlement is a re-creation of the first permanent English settlement in America. Here guests will tour both indoor and outdoor exhibit areas, including replicas of the three ships that brought the colonists to these shores, the re-constructed Fort where the first colonists lived, and a re-created Powhatan Indian Village. Next, guests will visit Jamestown Island, where the first permanent English colony was founded in 1607.

Finally, guests will be met by the director of archaeological fieldwork for the Jamestown Assessment Project, designed to provide the Park with an assessment of its cultural resources.

Guests will be led on a walking tour of the townsite where the director will discuss the specifics of the sites, and the reinterpretations of Jamestown's seventeenth century history. One area which will be specifically discussed for your group is a site that was an industrial development in the 1620's.

Fee per person: \$37
Includes: Transportation
Admission to Jamestown National Park and Settlement
Archaeological Walking Tour and Discussion on Jamestown Island
Tour Guide

Historic Air Tours
Monday, June 12
9 am, 10 am, 11 am, or 12 Noon

Guests will experience more of Virginia's history than could be done in days by car — by plane! Soaring over the area's most historic sites and breathtaking scenery, guests will be thrilled by the aerial view!

In 1-hour intervals, guests will be transferred to the local airport in Williamsburg where tours begin. Then, guests will be taken on the Peninsula Tour, a 35-minute trip that covers the entire historic triangle — Williamsburg, Jamestown, and Yorktown. Guests will have a spectacular view across the peninsula all the way to the Eastern Shore. Without question, this perspective is a unique one, and the memory of it is sure to be lasting!

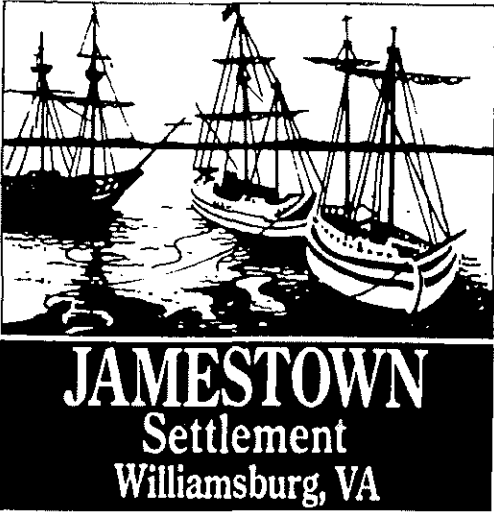
Fee per person: \$59
Includes: Transportation
Historic Air Tour's Peninsula Tour
Tour Guide

Tuesday, June 13

Colonial Williamsburg Tour
Tuesday, June 13
1 pm to 5 pm

Guests will enjoy a walk through history as they visit Colonial Williamsburg, a living museum which has been faithfully preserved and restored to its 18th-century appearance. An historically-trained guide will meet you at the College's Wren Building, describe the lifestyle of the colonists, including such leading citizens as George Washington, Thomas Jefferson and Patrick Henry, and then tour the historic area.

Fee per person: \$37
Includes: 3 day Deluxe Ticket to Colonial Williamsburg
Tour Guide



Jamestown Settlement and Williamsburg Winery Tour and Tasting
Tuesday, June 13
1 pm - 3 pm

Today guests will tour Jamestown Settlement which commemorates America's first permanent English colony. The museum is located on the banks of the beautiful James River. In the outdoor living history areas, costumed interpreters demonstrate 17th-century activities in the Powhatan Indian village, the palisaded James Fort, and on board three full-size replicas of the ships that arrived in 1607.

Next, guests will be transferred by motorcoach to the region's own winery — the Williamsburg Winery which is located on a beautiful 300-acre farm with over 50 acres of vin-

ifera vineyards. The 17th-century styled Winery building is filled with the charm and romance of the Old World while integrating state of the art wine making equipment. After a short tour, guests will sample several of the winery's delicious wines.

Fee per person: \$28
Includes: Transportation
Admission to Jamestown Settlement
Admission to Williamsburg Winery and Tasting Room
Tour Guide

Busch Gardens, The Old Country
Tuesday, June 13
10 am to 5 pm
Shuttles leave William and Mary at 10 am and 1 pm

Adventure beckons around every corner as you wander the paths of Busch Gardens, the Old Country. Discover the enchantment of 17th century Europe among nine authentic old world hamlets, and enjoy the charm of days gone by. There's plenty for everyone to do and see with over 360 acres of fun with live shows and entertainment, more than 30 breathtaking rides, plenty of shopping, and a delectable selection of European foods, colorful gardens, and a petting zoo.

While visiting Busch Gardens, you can stop by the Anheuser-Busch brewery for a tour and sample of their products.

Fee per person: \$25
Includes: Transportation
Admission ticket to Busch Gardens, the Old Country
Access to Anheuser-Busch Brewery and Tasting Room

CEBAF Tour
Tuesday, June 13
9 am to 12 Noon

Guests will tour CEBAF, the Continuous Electron Beam Accelerator Facility, located in Newport News, Virginia. CEBAF will eventually give researchers the opportunity to acquire deeper knowledge of the nucleus of the atom. Scientists at CEBAF conduct pure research which will enable a better understanding of nature, opening new routes for technological progress.

Fee per person: \$24
Includes: Transportation
Guided tour of CEBAF
Tour Coordinator

Wednesday, June 14

Conflict or Compromise: A Revolutionary Debate
Wednesday, June 14
2 pm to 5 pm

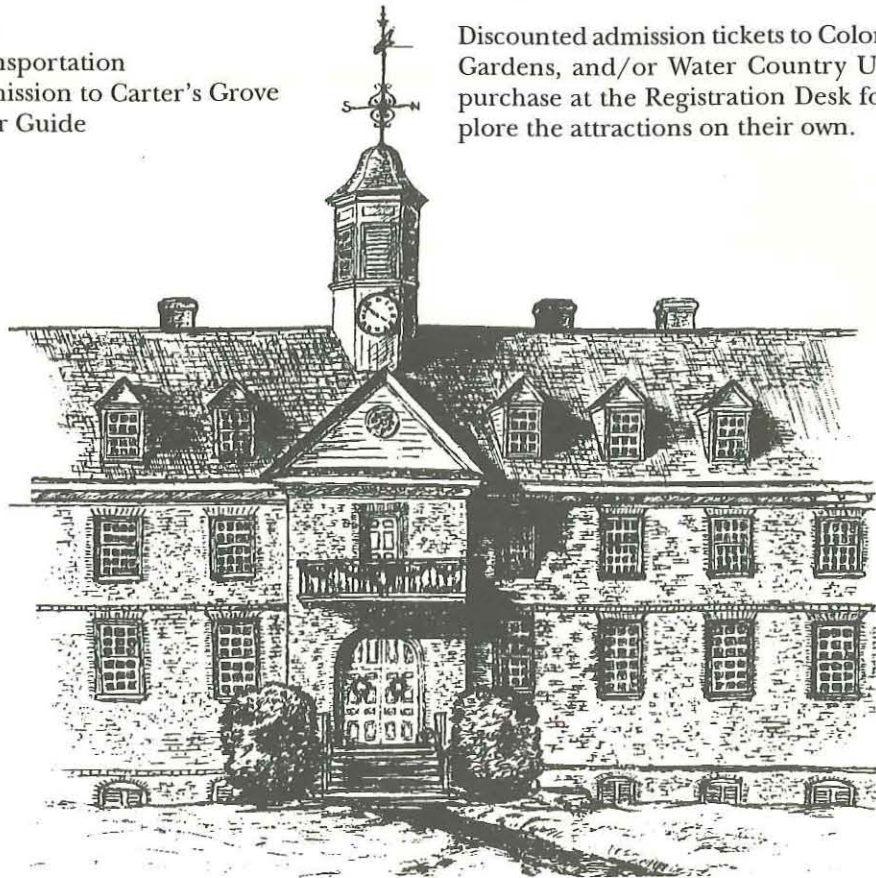
Guests will be escorted from William & Mary's Wren Building to an historic building in Colonial Williamsburg where they will enjoy "Conflict or Compromise," an interactive program planned exclusively for you! During this entertaining program, guests will argue three positions on independence — Patriot, Loyalist, and Undecided — held by the colonists on the eve of the revolution. Guests will adopt and defend one of these viewpoints in open debate being directed by 18th-century characters. Finally, a vote will be taken to determine "whether these colonies should be free and independent states" just as the House of Delegates did in Williamsburg on May 15, 1776!

Fee per person: \$25
Includes: Private "Conflict or Compromise" Program
Tour Escort

Carter's Grove Plantation Tour
Wednesday, June 14
2 pm to 5 pm

This afternoon guests are in for a special treat! You will tour historic Carter's Grove Plantation, said to be "the most beautiful home in America." Guests will also visit the Winthrop Rockefeller Archeological Museum and the re-constructed English settlement, Wolstenholme Towne, located on the plantation grounds.

Fee per person: \$32
Includes: Transportation
Admission to Carter's Grove
Tour Guide



Shopping Transfers — Williamsburg Outlets
Wednesday, June 14
2 pm to 5 pm

A motorcoach will be available today to transfer passengers to the most popular Williamsburg Outlet Malls, including the Williamsburg Pottery Factory and Berkeley Commons Outlet Malls. Treasures can be collected from such stores as SEIKO, Coach (Leathergoods), Liz Claiborne, Black & Decker, Brooks Brothers, J. Crew, Eddie Bauer, and more!

Fee per person: \$13
Includes: Transportation
Tour Guide

Water Country, USA
Wednesday, June 14
10 am to 5 pm
Shuttles will leave William and Mary at 10 am and 2 pm

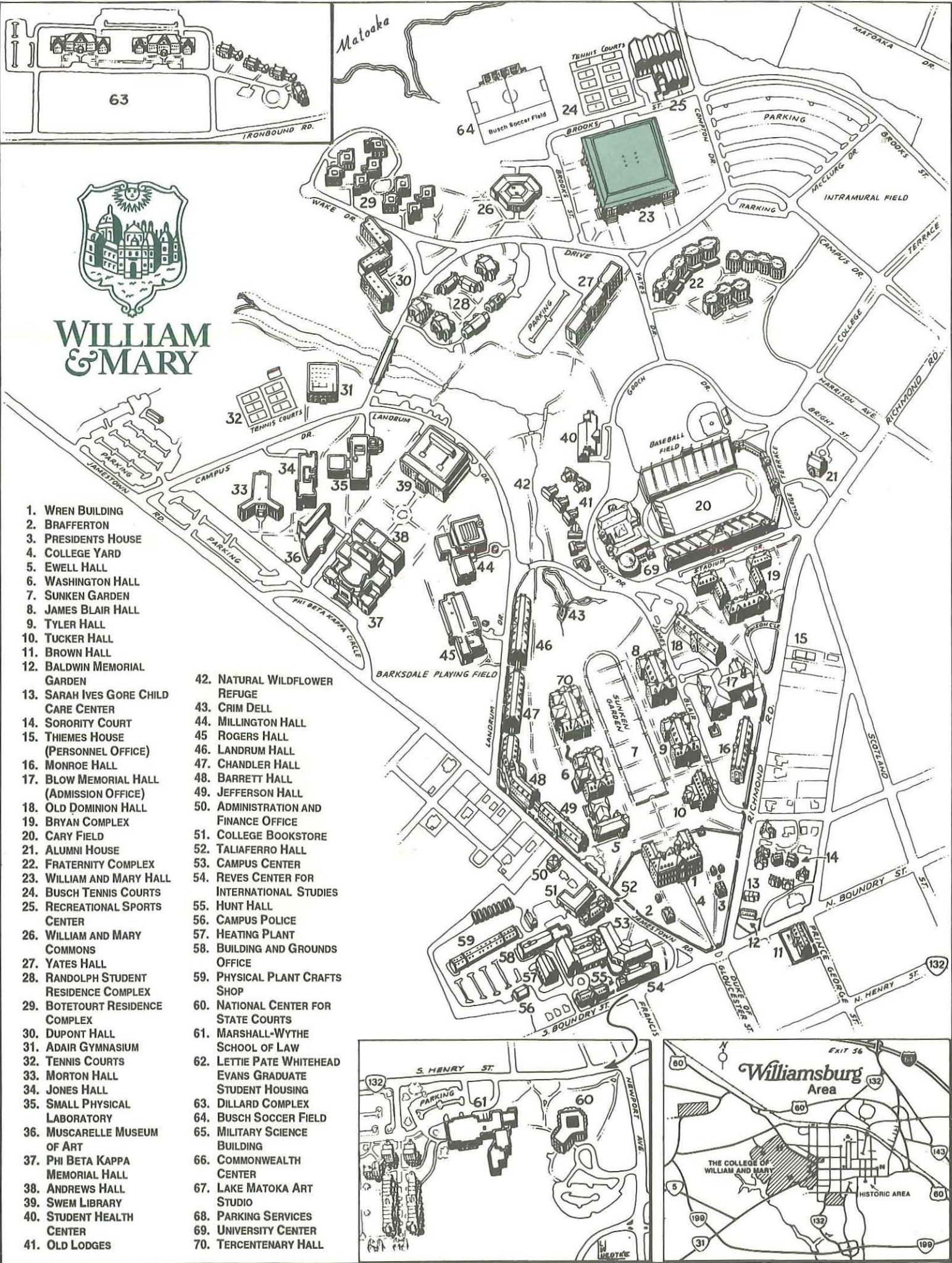
Visit Virginia's largest water theme park located on over 40 wooded acres of "wet, white, and blue excitement". There are over 15 water rides and many other shows and attractions for all to enjoy.

Fee per person: \$18
Includes: Transportation
Admission ticket to Water Country, USA

Sunday, June 11 to Wednesday, June 14

Admission Tickets

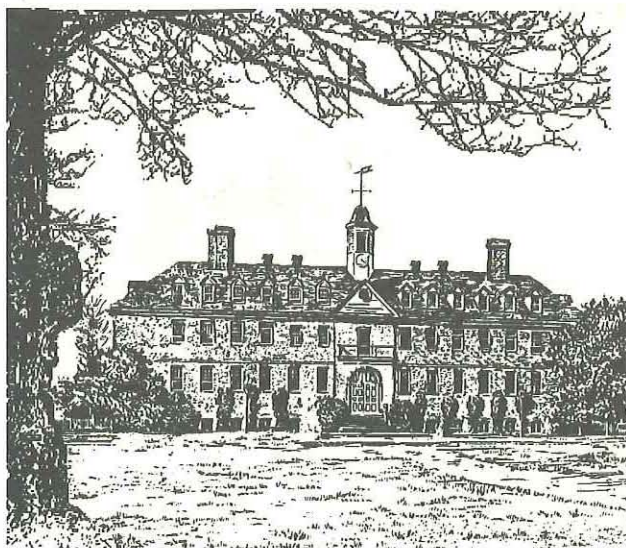
Discounted admission tickets to Colonial Williamsburg, Busch Gardens, and/or Water Country USA will be available for purchase at the Registration Desk for those who want to explore the attractions on their own.





Conference Services
The College of William and Mary
P.O. Box CS
Williamsburg, Virginia 23187-3542

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