Welcome to the University of Washington School of Dentistry. The following serves as general background information about the facilities and services available for the WREB examination hosted at the University of Washington School of Dentistry.

The University of Washington School of Dentistry is not able to interpret the information contained in the Candidate Guide provided by the WREB. Questions regarding the examination process (e.g., content, patient requirements, paperwork or forms, etc.) should be directed to the WREB office at (602) 209-5400, Option 1.

Exam Location

The School of Dentistry is located south of the main campus, in the Warren G. Magnuson Health Sciences Center, 1959 NE Pacific Street, Seattle, WA 98195.

- WREB Candidate Orientation – TBD
- The clinical exam will be held in the B and D wing of the Health Sciences Building: D251, D351, B403
- Pros and Endo Lab/Exam – D165 Simulation Clinic and Lab
- Husky Room – D152 with snacks/refreshments for candidates, patients and assistants.

Parking:

Exam Candidates, Assistants, and Patients should park in Visitor Parking – Lot S-1. See enclosed map. The fee is $17.00 Monday – Friday and $6.00 on Saturday. Parking attendants will be available beginning at 6:00am Monday – Friday and at 7:00am Saturday morning. If you park prior to 6:00am, you may receive a parking violation. For updated parking information, visit the parking services web site: transportation.uw.edu or the parking services audio library at 206-685-1543.

Transportation:

Metro and Community Transit (originating outside of King County) offer bus routes to the University of Washington Campus. For route information the following information may be useful:

- **Metro Transit:** Monday – Friday 6am to 8pm 206-553-3000
  - Call for trip planning, routes, schedules, fare and pass information
- **Sound Transit:** 206-398-5000/ 1-800-201-4900
  - For trips originating south and east of Seattle
  - [http://www.soundtransit.org/](http://www.soundtransit.org/)
- **Community Transit:** For trips originating in Snohomish County 800-562-1375/425-353-7433
- **Airport Transportation:**
  - Shuttle Express 425-981-7000
  - [www.shuttleexpress.com](http://www.shuttleexpress.com)
- **Taxis:**
  - Taxi stations are located on NE Pacific Street at the main entrance to the University of Washington Medical center. Frequently used Taxi services are as follows:
    - Farwest 206-622-1717
    - Yellow 206-622-6500

LODGING:

See page 11 for a list of hotels and motels in the vicinity of the UW School of Dentistry.

Facilities

Smoking is **STRICTLY PROHIBITED** throughout the entire University of Washington Health Sciences Center.
Telephones:

- Telephones are located in the Dental Clinics.
- Dial 9 to access an outside line.

Emergency Telephone Numbers

- 206-616-3752  UWSOD WREB School Coordinator – Mihwa Kim
- 206-543-9599  Sterilization
- 206-351-2268  School of Dentistry Exposure and Incident Hotline  (8am to 5pm)

Restrooms:

- Are located throughout the Health Sciences Facilities- Handicap accessible restrooms are available on the 1st floor and 4th floor of the D wing.

Lost and Found:

- During the examination, the Sterilization Room (D338) will serve as the lost and found area

THE UNIVERSITY OF WASHINGTON ASSUMES NO RESPONSIBILITY FOR DENTAL INSTRUMENTS OR PERSONAL EFFECTS LOST OR STOLEN FROM THE DENTAL CLINICS OR LABORATORIES

PROVISIONAL ACCEPTANCE

Participation in the WREB Provisional Acceptance at the UW School of Dentistry is limited to current pre-doc, post-doc or residents of the UW School of Dentistry.
Clinic Facilities:

**Instruments and Equipment:**

Candidates MUST provide their own instruments and equipment. The School of Dentistry does not have equipment, hand pieces, adapters, carts or lockers for loan or rent. We do not have a School Supply Store available during the WREB Exam.

- Assistant and operator chairs and work surfaces will be provided in the operatory.

The School of Dentistry utilizes Star 430 SWL and Star 6 Pin Swivel. Any brand of 6 pin swivel/hand piece will work in our clinics and simulation clinic/lab. **The School of Dentistry does not rent or loan hand pieces or swivels to ANYONE.** Adaptors with 5 to 6 pins can generally be purchased from most dental suppliers. The D165 simulation clinic, D251 and D351 patient clinic areas have BienAir Electric HP equipment available. The School of Dentistry does not rent or loan electric HP and motor.

For additional questions or specific hand piece information, you may want to contact our Dental Maintenance at (206) 543-5958.

**Cubicles (Operatories)**

- Each candidate will be assigned a numbered cubicle in the clinic by which the WREB will correspond to the applicant’s numbered ID Badge issued at Orientation.
- Review (Appendix I) for dental unit locations and clinic floor diagrams.

**Dental Chair:**

The dental chairs have finger switches on both sides of the chair backs for positioning the patient. The chairs are bolted to the floor to prevent sliding but can be swiveled 30 degrees in either direction by loosening the black round knob located just beneath the back of the chairs.

- The D3 Restorative clinic has new ADEC chairs and can switch from left to right handed units, but have the same exact operation and functionality of the D2 Dental units and B4 Dental Units.

*Example of dental clinic unit used during WREB examinations*

**Operatory Light:**

The A-Dec operatory light has an on-off switch located behind the reflector. Please do not attempt to clean the reflector.
**Digital Radiography**

The School of Dentistry will be using digital radiography for all restorative procedures and for the Endodontic portion of the exam. Digital Phosphorous plates may be obtained from the Dispensary. All candidates will receive assistance with processing digital images.

- Appointments may be scheduled in Oral Radiology. External candidates should contact Oral Radiology at (206) 543-5006 to discuss scheduling and pricing of PA/BW or FMX series.
- Payment for radiology services is due at time of service.
- The School of Dentistry does NOT have capability to transfer images from one DICOM server to another.

**Ultrasonic hookups**

All units are equipped with quick-disconnect hook-ups for use with ultrasonic scalers. Candidates will need to attach their own ¼” male quick-disconnect fitting to Cavitrons for use in our dental units. Electrical and water outlets are located on the box on the left side of each unit. The School does NOT provide ultrasonic scaler, tips, or the ¼” male quick-disconnect fitting.

**Air, Water and Suction Delivery System (A-Dec):**

**D2 Clinic**

- **Master Switch** – the first switch to the left on the manifold turns on the light, air, water, and vacuum system. An orange light beneath the master switch indicates the system is on.
- **The air/water syringe tip** – pushes in and pulls out.
- **Chip Air for the hand piece** - turning the small yellow knob adjusts the volume of air.
- **Water for the hand piece** – There is an on/off switch for the water located just to the left of the blue control knob for water volume. This blue knob controls the water to the high-speed fiber-optic line, which hangs on the right hand side of the unit. There is no water to the low speed line in the center.

**D3 Clinic**

- **Master Power Switch** – is located on the bottom right hand corner of the unit and turns on the light, air, water and vacuum system. The blue light on the control panel indicates the system is on.
- The air/water syringe tip – pushes in and pulls out.
- Chip air for the hand piece – is located behind the control panel.
- Water for the hand piece – is located next to the chip air behind the control panel.

**B4 Clinic**

- **Master Power Switch** – is located on the bottom right hand corner of the unit and turns on the light, air, water and vacuum system. The blue light on the control panel indicates the system is on.
- The air/water syringe tip – pushes in and pulls out.
• Chip air for the hand piece – is located behind the control panel.
• Water for the hand piece – is located next to the chip air behind the control panel.

NOTE: The following equipment/supplies are not provided:

• Hand piece or swivels
• Electric motor
• Impression gun
• Casting gold
• Blood Pressure Cuffs
• Ultrasonic scalers
• Heat source
• Carts, Lockers, instruments
• Patients
• Endo - Acadental ModuPro kit (MPE E100)
• Pros – Acadental ModuPro (MP 300 ModuPRO One)

Storage:

• The UW School of Dentistry does not provide storage lockers for candidates. Candidates may use the cabinet located in their assigned cubicle during the examination, however, all items must be removed by the end of the last day of the exam – March 18-21, 2020. Items left in the clinics or cabinets following the exam will be held by the Health & Safety Manager – Carol Harvey – Room B471 (206) 221-6839 for 7 days, after which they will become the property of the UW School of Dentistry, or donated appropriately. The UW School of Dentistry recommends that candidates do not leave items of value unlocked in the cabinets or clinics at any time.

Medical Emergencies

• The examiner will have access to the school’s automatic external defibrillator (AED) and provide appropriate action according to the American Heart Association (AHA) standards until emergency responders arrive.
• Please follow the instructions posted in each cubicle in the clinic. In case of a medical emergency, dial ‘911’. One person should stay with the individual experiencing a medical emergency and one individual should go outside on the first floor between the D and B Wings adjacent to the S-1 parking lot, to direct medical personnel to the patient.

Body Fluid Exposure:

• Perform First Aid
• Eyes: Wash eyes at eyewash station for 15 minutes
• Other: Wash injured area with soap and water for 15 minutes and apply appropriate dressing from First Aid kit.

Notify UW SOD WREB Site Coordinator and call School of Dentistry Exposure Hotline at 206-351-2268, immediately. The Employee Health department recommends starting laboratory tests and medications for HIV post-exposure prophylaxis within 1 to 2 hours after exposure. Site Coordinator or designee will provide source patient counseling and escort the source patient to UWMC lab for a blood draw. Candidates will be seen in Employee health for counseling and/ or a blood draw.
• Work with UW SOD WREB Site coordinator or designee to fill out an Occupational Accident Report (OAR) per UW policy

Personal Protective Equipment:

• Disposable gowns are available and must be worn in occupational exposure situations.
• Disposable gloves, masks, and gowns are located in each operatory.
• Candidates are to provide their own OSHA acceptable protective glasses.

Patient Treatment Area & Clean up Procedures:
- Candidates will be assigned a clinic unit including a mobile tabletop to use as a work surface. They are responsible for the care and cleanliness of the entire clinic unit.
- Cavi wipes are available in every unit and should be used following the “Wipe, Discard, Wipe” methodology.
- Candidates are responsible for any damage to equipment. In addition to the placement of paper covers on counter tops, all work surfaces are to be disinfected between patients with materials provided.
- All items should be disinfected at the end of each day.

**Prior to each procedure:**

- Complete unit inspection for unit operation (mounted in each dental unit).
- Using a germicidal disposable cloth, the assigned clinic units should be wiped down and infection control barriers should be placed.
- Infection control barriers are located at the entrance to each clinic and are available for use by the candidate or their assistant.
- Barriers are to be taken as needed, and are not to be stored in clinic units.

**At the end of each procedure:**

- The high volume evacuation hose and saliva ejector hose must be flushed.
  - *This is accomplished by holding the suction tip directly in the water stream from the tap in the sink. Run for approximately 60 seconds.*
- Remove all infection control barriers from the light, chair and work surfaces being careful to avoid cross-contamination.
- Dispose of the coverings in large containers available in each end of the clinic. All surfaces, especially those not covered, should be disinfected with the germicidal wipes as provided. Be sure that no debris remains between the seat and back of the chair.
- Mercury and amalgam scraps should be placed in the special containers marked “Amalgam” which is provided in each cubicle. Be sure to tighten lid after each use.
- Ziploc bags are provided inside the cabinet under the sink for empty amalgam capsules. Be extremely careful not to allow mercury and amalgam to drop on the floor.
  - *Should this occur, notify WREB Exam Staff and the Maintenance Staff will be called for clean up with a spill kit.*
- Needles and other sharp or breakable objects must be placed in the red “Sharps” containers in each cubicle. These objects present serious hazards to the personnel collecting waste and must NEVER be placed in regular waste containers.
- Anesthetic carpules – empty or partially used must be placed in the container marked ‘Anesthetic Carpules’.

**End of Day Procedures:**

- Wearing clean gloves use the germicidal wipes provided to clean work surfaces in the cubicle.
- Turn off the master switch of the A-Dec unit.

**Bio-hazardous Waste:**

- Bio-hazardous waste includes any item contaminated with blood or saliva, such as gauze, dental floss, cotton rolls, etc. Bedside bags are available for each unit for disposing of materials at chair-side.
- All bio-hazardous waste requires special handling; it should be disposed of in clearly marked “RED “containers in the clinic.
- Any biohazard materials found in the trash will be reported to the WREB examiners for management of the issue.

**Instrument Sterilization (Pre-Sterilization, Room D352/Sterilization, Room D338)**

- The operating hours for sterilization is from 6:30am – 6:00pm during the WREB examination.
- Central Sterilization services do not assume responsibility of lost/damaged items.
The School of Dentistry staff will sterilize clearly labeled, packaged instruments; however, candidates are responsible for debriding instruments and packaging in preparation for sterilization. Items requiring ultrasonic processing should be delivered and checked into D352 for processing.

Sterilization pouches and supplies will be available along with candidate labels. **It is the candidates’ responsibility to clean, package, label and date.**

The UW School of Dentistry Sterilization Staff reserves the right to refuse sterilization service for inadequately or inappropriately packaged materials. The staff will be happy to assist candidates with packaging or sterilization of unusual size items.

The sterilization facility utilizes autoclaves.

**PLEASE ALLOW 90 MINUTES TURN AROUND TIME FOR INSTRUMENT PROCESSING.**

Central Sterilization complies with Federal AAMI guidelines for sterilization of dental instruments and CDC/OSHA infection control standards. Daily biological spore and air flow testing is conducted ensuring sterility of instruments. Records of such testing are available for review upon request.

**Simulation Lab**

The School of Dentistry does have limited Endo equipment, such as heat sources and rotary motor, or hand pieces for use during the WREB exam. Candidates electing to utilize this equipment will be required to sign a limited liability form prior to the exam, which will incur a charge of at least $25.00.

The following equipment is used at the UW SOD - Sybron TCM Endo III rotary and Sybron Endo Touch n’ Heat 5004. Candidates not familiar with the equipment should bring their own. Training will not be provided on equipment.

![Endo equipment images](image1.png)

The Endodontic and Prosthodontics exam will be held in the D165 simulation clinic/lab. Candidates will mount their own ModuPro on a manikin (magnetic type) which is provided. Shrouds should be used.

There are 6 digital x-ray stations and 2 Faxitron stations.

- **The University of Washington will supply manikin head, mounting plates and fill-in sextants available for use during the Endodontic exam.**
Dental Assistants

The following are temporary dental assisting agencies:

- Dental Professionals (206) 767-4851
- Dental Connections, Inc. (206) 859-5509

Dental assistants may be hired via notices posted on various bulletin boards, throughout the Health Science complex. For further information about posting information, contact the UWSOD School Coordinator, Carol Harvey at 206-221-6839.

University of Washington School of Dentistry Contact Information

- Mihwa Kim – UW School of Dentistry WREB Site Coordinator
  206-616-3752 or 206-414-9546 cell
  Email: mihwa@uw.edu
- Dave Fox – UW School of Dentistry Maintenance Manager
  206-543-5958
  Email: davefox@uw.edu
**Dental Supplies – Operative**

Supplies listed below are provided to all candidates during the exam. They are available at the dispensary located inside the D2 clinic. Alternatively, Burkhart Dental Supply will be present with a variety of disposables and materials free for your use, as well as selected items for sale during the exam.

<table>
<thead>
<tr>
<th>Amalgam capsules and TPH composite</th>
<th>Evacuator tips</th>
<th>Polishing powders for restorations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Articulating paper</td>
<td>Face masks</td>
<td>Prophy paste</td>
</tr>
<tr>
<td>Autoclave tape</td>
<td>Facial tissue</td>
<td>Retraction cord</td>
</tr>
<tr>
<td>Infection control barriers for chairs and unit including trays</td>
<td>Floss</td>
<td>Rubber dam</td>
</tr>
<tr>
<td>Cement – temporary and permanent</td>
<td>Gloves</td>
<td>Rubber dam napkins</td>
</tr>
<tr>
<td>Cotton pellets</td>
<td>Hemodent</td>
<td>Saliva ejectors - standard</td>
</tr>
<tr>
<td>Cotton rolls</td>
<td>Impression material putty</td>
<td>Soap</td>
</tr>
<tr>
<td>Cotton squares</td>
<td>Local anesthetic - NO SEPTOCAINE</td>
<td>Styrofoam trays</td>
</tr>
<tr>
<td>Cotton swabs – q-tips</td>
<td>Matches</td>
<td>Topical anesthetic</td>
</tr>
<tr>
<td>Counter paper</td>
<td>Mouthwash</td>
<td>Trash bags</td>
</tr>
<tr>
<td>Disinfectant</td>
<td>Needles – short and long</td>
<td>Wedges</td>
</tr>
<tr>
<td>Drinking cups</td>
<td>Paper towels</td>
<td></td>
</tr>
<tr>
<td>Dycal</td>
<td>Patient bibs - napkins</td>
<td></td>
</tr>
</tbody>
</table>

**Dental Supplies – Endodontic and Prosthodontic (Available in D165 day of exam)**

<table>
<thead>
<tr>
<th>Butane Torch</th>
<th>Gutta percha</th>
<th>Medicine cups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction tips</td>
<td>Isopropyl Alcohol</td>
<td>Paper cups</td>
</tr>
<tr>
<td>Bleach</td>
<td>10 cc irrigating syringes</td>
<td>Roth Root sealer</td>
</tr>
<tr>
<td>Chloroform</td>
<td>2 x 2 gauze</td>
<td>RC-Prep (EDTA or other materials)</td>
</tr>
<tr>
<td>Irrigation Needles</td>
<td>Cotton pellets</td>
<td>Paper towels</td>
</tr>
<tr>
<td>Face Masks</td>
<td>Rope wax</td>
<td>Rubber dams</td>
</tr>
<tr>
<td>Gloves</td>
<td>Absorbent points</td>
<td>Paper for bench top</td>
</tr>
<tr>
<td>Dycal</td>
<td>PVS material (Sim lab ONLY)</td>
<td></td>
</tr>
</tbody>
</table>

Our Hand piece hook-ups are designed for a 6-hole hand piece or adapter and BienAir electric equipment. Adapters are not supplied. Air and water are available. Gas and 95% alcohol are available for heat source. The Candidate must supply his own heat source – Bunsen burner, etc. The School does not supply a heat source for candidates.

**Acadental ModuPRO**

The University of Washington will not be supplying the ModuPro. Candidates should contact Acadental directly at [www.acadental.com](http://www.acadental.com) or by phone at 913-384-7390 for purchasing both the ModuPROs. Prosth ModuPRO One - MP_R320 (MP 3000 ModuPro One for refill kit) and Endo Kit MP_E120_PC (ModuPRO Endo MP_E100 for refill kit)

**Additional Resources for Dental Supplies:**

- **Burkhart Dental Supply**  
  [http://www.burkhartdental.com](http://www.burkhartdental.com)  
  1-800-562-8176

- **Schein Dental**  
  1-800-372-4346
Information for Screening Prospective WREB Patients

Candidates must provide their own patients. The School of Dentistry does not provide patients for candidates. In accordance with Washington State Law, candidates may not review University patient records.

UW student and resident candidates may utilize clinic facilities at the School of Dentistry for screening patients at specified locations and times. Candidates may screen patient beginning Tuesday, January 21, 2020. Screenings will be held on Tuesday and Thursday evenings beginning at 4:30pm and with the last patient seated at 5:30pm. Screening session must end at 6:00PM. The last day to screen patients is Thursday, March 5, 2020. Non-UW students or residents are not eligible to participate in screenings located at UWSOD.

Candidates may take dental radiographs for prospective patients by appointment in the UWSOD Radiology Clinic. Candidates will pay $70 for each FMX. Contact Radiology at 206-543-5006, Room B307 to schedule an appointment. Radiographs are digital imaging style using PSP plate. The UW SOD Radiology clinic provides PSP plates and barriers.

The candidate must provide:
- Rinn Kits
- Protective eye wear and clinic apparel
- Sterile instruments
- Charting materials

The School of Dentistry will provide:
- Radiographic equipment
- Gloves
- Masks
- Dental treatment area
- Paper goods and barrier control covers

Supervision:
- The School of Dentistry Faculty cannot guarantee general supervision of patient screening. Faculty are encouraged to volunteer; however, there might be a time where there will be no faculty available. Responsibility for patient selection for the board examination belongs to the candidate.

Fees:
- There is no charge for the use of the Clinic facilities, however in exchange for this courtesy, we expect candidates to conduct themselves in a professional manner, adhere to standard infection control procedures, and to clean the treatment area at the completion of the screening visit.

Limitations:
- External candidates are not registered students at the University of Washington and not licensed in this state, therefore, they may not provide any care or screenings for patients prior to the Board Examination.

“PATIENT BROKERING, I.E. THE SELLING OF PATIENTS, WILL NOT BE TOLERATED UNDER ANY CIRCUMSTANCE WITHIN THE SCHOOL OF DENTISTRY AND/OR ON THE PREMISES. VIOLATION OF THIS RULE WILL RESULT IN IMMEDIATE REMOVAL FROM THE CAMPUS.”
<table>
<thead>
<tr>
<th>LODGING INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Staybridge Suites</strong></td>
</tr>
<tr>
<td>1119 Mercer Street</td>
</tr>
<tr>
<td>Seattle, WA 98109</td>
</tr>
<tr>
<td>206-596-2301</td>
</tr>
<tr>
<td><strong>Silver Cloud Inn – University District</strong></td>
</tr>
<tr>
<td>5036 25th Ave NE</td>
</tr>
<tr>
<td>Seattle, WA 98105</td>
</tr>
<tr>
<td>206-526-5200</td>
</tr>
<tr>
<td><strong>Talaris Conference Center</strong></td>
</tr>
<tr>
<td>4000 NE 41st St</td>
</tr>
<tr>
<td>Seattle, WA 98105</td>
</tr>
<tr>
<td>206-268-7000</td>
</tr>
<tr>
<td><strong>Inn at the Market</strong></td>
</tr>
<tr>
<td>86 Pine Street</td>
</tr>
<tr>
<td>Seattle, WA 98101</td>
</tr>
<tr>
<td>800-446-4484 (toll-free)</td>
</tr>
<tr>
<td><a href="http://www.innatthemarket.com">www.innatthemarket.com</a></td>
</tr>
<tr>
<td><strong>Warwick Hotel</strong></td>
</tr>
<tr>
<td>401 Lenora Street</td>
</tr>
<tr>
<td>Seattle, WA 98101</td>
</tr>
<tr>
<td>206-443-4300</td>
</tr>
</tbody>
</table>

We are unable to provide rates due to the variance of rates throughout the week and year.
**Medical Emergency Procedures**

### Non Life-Threatening Emergencies
- Use the first aid kit if necessary – first aid kits are available in all clinics and laboratories.
- Contact your personal health care provider OR, if necessary, go to the UW Medical Center Emergency Room (normal fees will apply).
  - Students may contact Hall Health at 605-1011
- Notify supervisor/instructor.
- Report the incident within 24 hours - see below for guidelines.

### Life-Threatening Emergencies
- Call 9-1-1.
- Keep victim still and comfortable.
- Administer first aid if trained.
- Notify supervisor; they or their delegate will meet emergency personnel at the following location:
  - Health Sciences: Between B & D loading dock Center for Pediatric Dentistry Outside Surgery Center
- Report the incident within 24 hours - see box below for guidelines.

### Bloodborne Pathogen Exposure
- Stop work immediately.
- EYES: Immediately wash eyes at eye wash station for 15 minutes while holding eyelids open.
- SKIN: Scrub exposed area thoroughly with warm soapy water for 15 minutes.
- Health Sciences: Between 8:00 AM and 5:30 PM: Notify supervisor/instructor. After 5:30 PM: Go directly to the UWMC Emergency Room Center for Pediatric Dentistry. Notify supervisor or faculty to manage contaminated instruments/needle. Supervisor will start exposure process.
- ALL: Report the incident within 24 hours - see box below for guidelines.

Note: To log-in, enter your main User Name with so/, before it (for example: sojanesmith). Enter your main SID instead of the same one you use to log onto your computer for work.

If injured person is a patient or a visitor, report incident via Patient Event Form Link: [https://dentistry.washington.edu/health-and-safety/event-reporting/](https://dentistry.washington.edu/health-and-safety/event-reporting/)

If injured person is student, staff or faculty, report incident via OAHIS link: [http://www.ehs.washington.edu/oahis/index.shtml](http://www.ehs.washington.edu/oahis/index.shtml)

---

**Emergency Contact Information**

<table>
<thead>
<tr>
<th>Emergency</th>
<th>9-1-1</th>
<th>Non-emergency UW Policy</th>
<th>206-685-UWPD (8973)</th>
<th>Exposure/Incident Hotline</th>
<th>206-351-2268</th>
</tr>
</thead>
</table>

WREB Candidate Information 12

University of Washington School of Dentistry
D1 Lab - ENDO/Pros Exam Area