Dent Mat Projects Stage 1

Project: Ivoclar Wear and Mech Data of Composite

- Personnel information: Names, UFIDs, emails, mobile phone numbers

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Lab Personnel (OPS) Alyssa L Morris, 11121183, alyssamorris18@ufl.edu, Phone 352-342-1757

o Note: For HR purposes, it is critical that personnel names and UFIDs submitted via the portal match an employee's Gator 1 Card. It is also important to include email addresses and mobile phone numbers. In addition, the UF Research team recommends including the PI on the personnel list.

- Research category (drop-down menu): Stage 1
- Description of Stage 1 activities

Filling composites in Al sample holders and polishing D9-17

Mounting antagonists in Al holder D9-17

Loading samples into chewing simulator (CS) D9-10

Running CS and taking impressions from samples at intervals (daily to 28h) (D9-10)

Checking CS everyday for water supply (D9-10)

Evaluating impressions in Laser scanner (D9-40) (4h/day)

Making composite bar samples for bending and fracture toughness test D9-17

Polishing samples D9-9

Fracturing samples in instron D9-40

- Project details: UFIRST, IRB, OCR and IACUC numbers, if applicable

UF Ref: AGR00017770

- Rationale describing why activities meet Stage 1 criteria

Timed contract research Deadline April 1,

2020 with activities ending on September 30, 2020

- Locations (drop-down menus):

o Include all sites, buildings and rooms needed for Stage 1 activities.

o Most health college faculty will select “0001 - Main Campus” as their site, which will then open subsequent dropdown menus with options for buildings and rooms.

o Room details include square footage to inform occupancy limits.

D9-9: 494 sqft, D9-10 494 sqft, D9-17 243 sqft, D9-40 620 sqft

In all rooms 1 person at the same time only, secured by reservation calendar

• Dates and times for Stage 1 activities

Start asap (as soon as materials delivered by manufacturer) Should be finished by Nov 30 (requires no cost extension).

• Plan for managing social distancing and PPE

Laboratory Guidelines after Covid 19

In addition to the standard laboratory procedures as posted please observe the following

1. Since you will be alone in the lab due to occupancy restrictions, before you enter the lab preprogram an emergency phone number in case of an emergency. The person you call must be someone in the 9th floor, present during your expected time in the lab

2. After entering the laboratory, please disinfect doorknob with a wipe, disinfect your hands with hand sanitizer and put on gloves. Keep your mask on.

3. Sign in the logbook of the instrument you use.

4. After use, clean up, disinfect and prepare the instrument for the next user.

Keyboards of computers must be covered with a new saran wrap. Let the next user know that you did both by signig the “CLEAN” sticker and attach it to the saran wrap and the “disinfected” sticker to the instrument/equipment. Specific instructions for the instruments/equipments will be with the instructions for use.

5. If you need to bring deliveries into the laboratory, please remove them from the primary package in the hallway and leave this package there. Bring the content into the lab and disinfect accordingly (wip or spray).

6. Before you leave the lab, take off your gloves and discard them, the grab a wipe and disinfect the inner and outer doorknob while leaving. Discard wipe into next possible trash can.

Project: Ivoclar Shade match of Universal composite

- Personnel information: Names, UFIDs, emails, mobile phone numbers

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- Research category (drop-down menu): Stage 1

- Description of Stage 1 activities

Filling composite in prepared ceramic blocks, light curing it and polishing it (Optragloss) D9-17

Photograph samples in Light Box, measure color of samples in Light Box D9-40

Score samples by PI in Light Box D040

Age samples under UV D9-9

- Project details: UFIRST, IRB, OCR and IACUC numbers, if applicable

UF Ref: AGR00017768

- Rationale describing why activities meet Stage 1 criteria

Timed contract research Deadline April 1,

2020 with activities ending on September 30, 2020

- Locations (drop-down menus):

- Include all sites, buildings and rooms needed for Stage 1 activities.

- Most health college faculty will select "0001 - Main Campus" as their site, which will then open subsequent dropdown menus with options for buildings and rooms.

- Room details include square footage to inform occupancy limits.

D9-9: 494 sqft, D9-10 494 sqft, D9-17 243 sqft, D9-40 620 sqft

In all rooms 1 person at the same time only, secured by reservation calendar

D9-9: 494 sqft, D9-17 243 sqft, D9-40 620 sqft

- Dates and times for Stage 1 activities

Start asap (as soon as materials delivered by manufacturer) Should be finished by Nov 30 (requires no cost extension).

- Plan for managing social distancing and PPE

Reservation system with Google Calendar for room and equipment

Laboratory Guidelines after Covid 19

In addition to the standard laboratory procedures as posted please observe the following

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2. After entering the laboratory, please disinfect doorknob with a wipe, disinfect your hands with hand sanitizer and put on gloves. Keep your mask on.

3. Sign in the logbook of the instrument you use.

4. After use, clean up, disinfect and prepare the instrument for the next user.

Keyboards of computers must be covered with a new saran wrap. Let the next user know that you did both by signig the “CLEAN” sticker and attach it to the saran wrap and the “disinfected” sticker to the instrument/equipment. Specific instructions for the instruments/equipments will be with the instructions for use.

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Project: Komet Fatigue and wea of New Ceramic

- Personnel information: Names, UFIDs, emails, mobile phone numbers

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- Research category (drop-down menu): Stage 1

- Description of Stage 1 activities

Mount samples in Electropulse and fatigue until fracture. Stair case procedure. Intervals to fracture may be 1 h to max 166h. D9-40

Sandblast samplesD9-15

Mount samples on Al sample holderD9-17

Mount Antagonists in Al holders D9-17

Loading samples into chewing simulator (CS) D9-10

Running CS and taking impressions from samples at intervals (28h) D9-10

Checking CS 2x/day for water supply D9-10

Evaluating impressions in Laser scanner (D9-40) (4h/day)

- Project details: UFIRST, IRB, OCR and IACUC numbers, if applicable

UF Ref: AGR 00017497

- Rationale describing why activities meet Stage 1 criteria

Timed contract research Deadline April 1,

2020 with activities ending on March 31, 2021

- Locations (drop-down menus):

o Include all sites, buildings and rooms needed for Stage 1 activities.

o Most health college faculty will select "0001 - Main Campus" as their site, which will then open subsequent dropdown menus with options for buildings and rooms.

o Room details include square footage to inform occupancy limits.

D9-9: 494 sqft, D9-10 494 sqft, D9-15 494 sqft, D9-17 243 sqft, D9-40 620 sqft

- Dates and times for Stage 1 activities

Start asap (as soon as materials delivered by manufacturer), larger project now delayed by 2 months. As stage 1 as long as required.

- Plan for managing social distancing and PPE

In all rooms 1 person at the same time only, secured by reservation calendar

Laboratory Guidelines after Covid 19

In addition to the standard laboratory procedures as posted please observe the following

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Keyboards of computers must be covered with a new saran wrap. Let the next user know that you did both by signing the “CLEAN” sticker and attach it to the saran wrap and the “disinfected” sticker to the instrument/equipment. Specific instructions for the instruments/equipment will be with the instructions for use.

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6. Before you leave the lab, take off your gloves and discard them, the grab a wipe and disinfect the inner and outer doorknob while leaving. Discard wipe into next possible trash can.