The Translational Pulmonary and Immunology Research Center (TPIRC)

Infectious Disease Awareness Platform
TPIRC's
Infectious Disease Awareness Platform Overview
Safety Inside + Out
TPIRC's Infectious Disease Awareness Platform

Every step is carefully planned out
IDAP Safety Zones

**Zone Level 1**
- Medical/High Risk Facility
- Restricted Access
- All facility airflow management
- Intra-day Sterilization and Decontamination
- Rigorous Personnel Policies

**Zone Level 2**
- Controlled environments with managed access
- K-14, Universities, Airports, and Offices
- Selective airflow management
- Daily decontamination and rigorous personnel policies

**Zone Level 3**
- Uncontrolled environments with public access
- Malls, mixed used spaces, and shared workspaces
- Daily decontamination and sterilization
IDAP Implementation Assessment

Site Assessment
- Space usage review
- Facility walkthrough
- IDAP Zone classification
- Equipment needs determination
- Logistics overview

Policy and Process
- Workplace policy review and development
- Testing and tracking development
- Facility and personnel data management
- Outcomes dashboard

Implementation Rollout
- Procurement and installation
- Training and consulting
- Execution and maintenance
**IDAP Zone Level 2 Example – Screening**

- **Comprehensive** check-in procedure each time entering the facility
- **Contactless Temperature Check** prior to entering
- **Ultraviolet** decontamination of electronic equipment
- **Identification** card to grant access, monitor hygiene policy, and to aid in trace-tracking
IDAP Zone Level 2 Example – Cleaning

- Clean High Touch Areas
- Increased Cleaning Cycles
- Cleaning Logs
Policies in Place for:

- **Workspace** wipe down at beginning and end of day
- **Handwashing** and hand sanitization
- **Masks** and use of other protective equipment when social distancing is not possible
IDAP Zone Level 2 Example – Common Areas

- Protected Eating Areas
- Social Distancing and Alternating Schedules
- Eliminate Communal Food & Beverages
- Individually Packaged Meals
6 Feet Office in Mind

- **Workspace** dividers when spacing is limited
- **Spacing** and distancing to allow for mask removal
- **Masks** and use of other protective equipment when social distancing is not possible
Airflow Devices

• **Ventilator** systems in high density or high travel locations to reduce airborne threats paired with testing filters for microbials

• **Pressure** systems to push particles lower to the ground to reduce the opportunity for inhalation of particles
IDAP Zone Level 2 Example – Dashboard

Compliance Monitoring

- **Policy** and procedures manual development
- **Human Resources** guides and best practices delivered
- **Dashboard** application for monitoring and tracking key metrics
- **Access** to TPIRC’s IDAP team for assistance and consulting at anytime
- **Beacon** technology to enable exposure trace-tracking, reducing the need to shut down facility operations
Contact Tracing Report

- The name of a person identified as an exposure risk
- Names of team members who were in proximity to the infected person
- Location of contact
- Ability to display contact phone number
- Ability to identify if personnel are passing through required stations prior to entry

Contact duration with start and end times

Duration period (sortable by length)

TPIRC Health Check

Employee Health Screen

INSPECTION

TPIRC | 2020
Optional COVID-19 Testing and Employee Health

**On or Offsite Health**

- **Access** to TPIRC – Southern California Food Allergy Institute COVID-19 testing site

- **Health screen** and monitoring for employees and staff available

- **Rapid**, 24 hours results for antibody and PCR testing for employees and designated personnel

- **Enhanced** facility access protocol with solution in place for failed temperature screenings or sick employees