

## **E-Reef Conference October 2020**

### **Day 1 – Taxonomy / Anatomy / Physiology**

Welcome and Introduction

Coral Anatomy

Coral Taxonomy 2020 - Where it's at & How to use it

Coral Physiology

Panel Q&A

Dr Rob Jones

Dr Brett De Poister

Russell Kelley

To be confirmed

BREAK

Collection and Transport of Corals

Palytoxins

Coral Nutrition: Food for Thought and Practical Applications in Reef Aquarium Husbandry

Panel Q&A

Daniel Kimberley

Dr Rob Jones

Julian Sprung

### **Day 2 – Water Chemistry / Quality and Life Support Systems**

Welcome and Introduction

The Nitrogen Cycle and Biofiltration

Reef Chemistry

ICP-OES Lab Testing of Marine Aquarium Water - The Foundation of Modern Reef

Keeping

Panel Q&A

Dr Rob Jones

Dr Michael Grima

David Lee

Ehsan Dashti and

Julian Baggio

BREAK

Foam Fractionation and Ultraviolet

Happy Corals - It's about the Lighting

Water Flow for Reef Aquaria

Panel Q&A

Dr Rob Jones

Brendan Sullivan

Charles Delbeek

### **Day 3 – Breeding and Conservation**

Welcome and Introduction

Coral Reproduction an Overview: What We Think We know

AZA Florida Reef Tract Rescue Project

Conservation of Corals at The Florida Aquarium

Panel Q&A

Dr Rob Jones  
Skylar Snowden  
Beth Firchau and  
Brian Nelson  
Rachel Serafin

BREAK

SECORE - Saving the Seas with Sex

Conservation in Curaçao - Facilitation of Sexual Reproduction in *Diploria labyrinthiformis*

Daydream Island Coral Restoration Program

Using Cryopreservation to Secure Coral Reef Biodiversity

Panel Q&A

Mitch Carl  
Lauren Marcon  
Johnny Gaskell  
Dr Jon Daly

### **Day 4 – Biosecurity / Disease and Management AND Building / Maintaining a Reef Tank**

Welcome and Introduction

A Simple Methodology to Finding Success with Home Reef Aquariums

Ten minute video of tank

Design Consideration with Large Scale Public Reef Aquariums

Fragging talk

Panel Q&A

Dr Rob Jones  
Sam Parker  
Li Zhuo  
Bradley Dohnt  
To be confirmed

BREAK

Overview of Common Coral Pests and Management Strategies

Coral Diseases

Biosecurity and Quarantine of Corals

Panel Q&A and Conference Closure

Barrett Christie  
Dr Ilze Berzins  
Dr Rob Jones